

DVD recorder instruction manual with hard disk

DESR-7700

DESR-5700

Thank you for your purchase.



警告 If you do not follow the safety precautions for electrical products,
Fire or personal injury may result.

This instruction manual contains important precautions to prevent accidents and
Indicates how to handle the product. This "Instruction Manual" and the separate "Safety
For Safety" to use the product safely.

After reading, be sure to keep it in a place where you can refer to it at any time.
please give me.

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enjoy the game



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others



Please be sure to read it

How to read this

manual/Instruction manual (this manual) mainly explains using the buttons on the remote control.

- The screen illustrations used in the instruction manual (this document) and the actual screens Your screen may vary.
- The illustrations in the instruction manual (this document) are for the DESR-7700. I'm using

This unit is for use in Japan only.

When playing DVD-Video on this unit and recording on another device, the recording operation may be stopped or restricted. This is due to the copy protection applied to DVD-Video. Do not modify or remove this copy protection

Recording DVD-Videos, even for personal use, is prohibited by law.

Access control is applied to this machine. Non-exclusive software, excluding DVD videos and music CDs, and exclusive Copies of the software may not be used on the machine under this access control. Transfer, hand over, exhibit, export, import, or otherwise transfer, transfer, transfer, display, export, or

or is prohibited by law.

The operating method of this unit may differ from that of "PlayStation" or "PlayStation 2".

Handling of this machine

Handling the hard disk Since the hard disk has a high recording density, you can enjoy long-time recording and quick cue playback. On the other hand, it is vulnerable to dust, shocks, vibrations, and should not be used near magnetic objects. The hard disk has a built-in safety mechanism to protect the recorded image data, but please note the following points so as not to lose important data.

- Do not give a shock to the machine.
- Do not use in a vibrating or unstable location.
- Do not move the unit while the power plug is plugged into the outlet.
do not have.
- When the power is on, remove the power plug from the outlet.
not.
- Do not use in places with rapid temperature changes (changes of 10°C or more per hour).
do not do.
- Do not replace or expand the hard disk by yourself, as this may cause failure.

We cannot compensate for recorded contents under any circumstances, including when the equipment fails for some reason. Use the hard disk as a temporary storage location until important image data is edited and dubbed to DVD . 6

About starting and shutting down

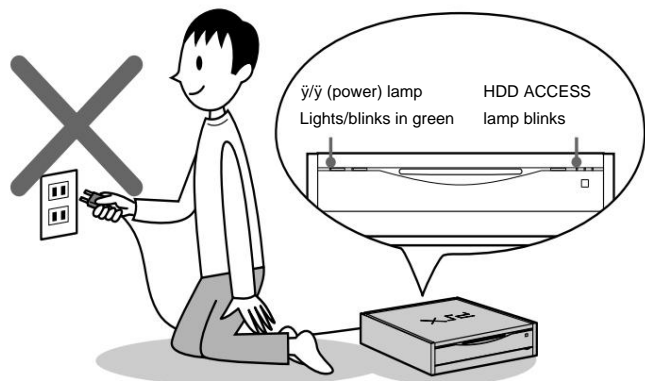
this unit In order to optimize the entire system, this unit has a short period of time between pressing the \bar{y}/\bar{y} (power) switch on the main unit and turning off the power. This will take some time. When the \bar{y}/\bar{y} (power) lamp on the main unit is lit or blinking in green, or when the HDD ACCESS lamp is blinking, disconnect the power cord.

Do not pull out the If you unplug

the power while the \bar{y}/\bar{y} (power) lamp on the main unit is lit or flashing or the HDD ACCESS lamp is flashing,

The built-in hard disk is damaged and the unit cannot be used.

It might be.



Precautions for afterimage phenomenon (image

burn-in) Do not leave a still image such as a disc menu or the menu screen of this unit displayed on the TV screen for a long time. It may cause an afterimage phenomenon on the screen. Note that afterimages are particularly likely to occur on plasma display panel TVs or LCD TVs.

Handling of this unit •Use this unit

near an outlet. If a problem occurs while using this unit, immediately disconnect the plug from the outlet and turn off the power.

- Do not place in places with high humidity, dust, oily smoke, steam, or in direct sunlight. It may cause fire or electric shock. Especially, never use it near a bathroom or a humidifier.

Condensation

Condensation is a phenomenon in which moisture in the air adheres to a metal plate, etc., and forms water droplets. Condensation may form on the surface or inside of the unit when the unit is suddenly brought from a cold place to a warm place, or in a room that has just been heated, such as on a winter morning. If dew condensation occurs, do not turn on the power until the dew condensation disappears. Continuing to use the product as it is may cause a malfunction.

To clean the cabinet and panel surfaces, wipe them with a soft cloth moistened with a little neutral detergent. Do not use thinner, benzine, alcohol, etc., as they will damage the surface.

Stereo Etiquette When listening to music on a stereo, please listen at a volume that will not disturb your neighbors. Especially at night, even a small sound can pass through the surroundings. Please be aware of each other by closing the windows, using headphones, etc., to maintain a pleasant living environment. The mark is a symbol of sound etiquette.



Cleaning discs Do not use commercially available lens cleaning discs with this camera. Failure to do so may result in malfunction.

About recording and dubbing

In the case of important recording, be sure to make a trial recording in advance and make sure that the recording is performed normally. Please Confirm.

We cannot compensate for the recorded content .

If recording/editing is not possible for any reason, including R/DVD-RW disc malfunction, failure, repair, replacement, or other external factors, In any case, such as when the recorded / edited material is damaged or disappeared In addition, compensation for recorded contents and any damages associated with it We do not take any responsibility for In rare cases, due to an unexpected problem during software update, Doing so may damage images, etc., stored on the hard disk. and

Restrictions on recording and dubbing

Recording is not possible. Also, the "Can only be recorded once" When dubbing a video containing a Peep control signal to a DVD, As soon as dubbing to DVD is completed, the dubbed video is erased from the hard disk.

Copy control signal	hard disk type	Dubbing from hard disk to DVD
Recorded on disc		
Free recording Terrestrial broadcasting, etc.	○	○
Recordable only once BS digital broadcasting, etc.	○	△ from hard disk Move to DVD
DVD-Video, etc. × ×		

please note

Most programs on terrestrial, BS, and 110-degree CS digital broadcasts are copied. Includes control signals. Recording a program that contains a copy control signal of "recording prohibited" You can not.

About copyright

- Please note that third-party copyrighted works such as still images, movies, and music recorded with this unit cannot be used without the permission of the copyright holders under copyright law for purposes other than personal enjoyment.
- This product incorporates copyright protection technology and is protected by US patents and other intellectual property rights owned by Macrovision Corporation and other copyright owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Disassembly or modification is also prohibited.
- This unit is equipped with a copy protection function (copy guard), and cannot record software or broadcast programs for which a copy restriction signal has been recorded by the copyright holder.
- This unit is equipped with a function that restricts the playback of unauthorized discs (pirated copies, etc.), and cannot play such discs.
- The program of the tuner connected to the external input of this unit may have a recording prevention function (copy guard). Note that some programs cannot be recorded in this case.
- This unit has a mode that allows you to select the screen size according to the screen of the connected TV. Depending on the setting items, the appearance of the original image may differ. Please keep this in mind when choosing the settings for this unit. If you use this unit for commercial purposes or for the purpose of viewing by the public at a coffee shop, hotel, etc., using the screen display function, you may violate the copyrights protected by the Copyright Act. Please be aware that there is a risk of infringing on rights.

The price of DESR-7700/5700 includes "private recording compensation". Compensation is stipulated by the Copyright Act to be paid to the right holder for protection of rights. Inquiries about private recording compensation ý107-0052 Akasaka Mitsutsuji Building 2F, 5-4-6 Akasaka, Minato-ku, Tokyo Private Recording Compensation Management Association TEL 03-3560-3107 (Main line) FAX 03-5570-2560

Transition from analog broadcasting to digital broadcasting

Transition schedule to digital broadcasting

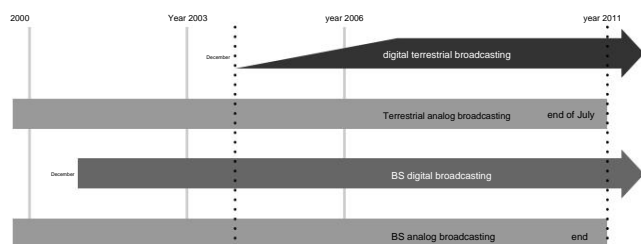
It started in December 2003, and will continue in other regions until the end of 2006.

It is scheduled to start broadcasting in Receivable in the applicable area

The area will be limited at first, but will be expanded gradually.

Terrestrial analog broadcasting will start in July 2011, and BS analog broadcasting will start in 2011.

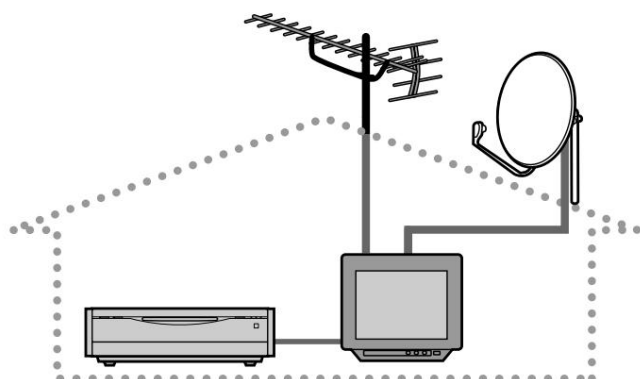
It is decided as a national policy to end by 2020.



To record digital broadcasts with this unit, record digital broadcasts by connecting this unit to an optional digital tuner or a TV with a built-in digital tuner.

receive. Depending on the program, copy control signals may prevent recording or dubbing of recorded titles.

increase.



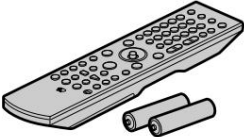
Connection and preparation

Preparation 1 Check the accessories

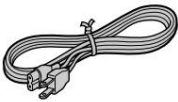
After opening the box, check that all accessories are included.

Remote control (1)

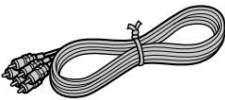
AA battery (2)



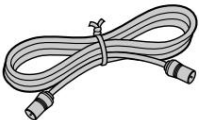
power cord (1)



Video/audio code (1)



Coaxial cable with F-type connector (1)



instruction manual

For your safety

PSX preparation points

"x-appli" utilization guide

warranty

"PSX" chart

(1 copy each)

Step 2 Connect the antenna

See page 31 for caution

The connection method differs depending on the model you are using. for your model See how to connect.

How to connect the DESR-7700 y page 10

How to connect the DESR-5700 y page 11

Be sure to connect the power cord after completing all connections. please.

How to install when connecting

Install and connect the unit as shown in the diagram below only when making connections. please.

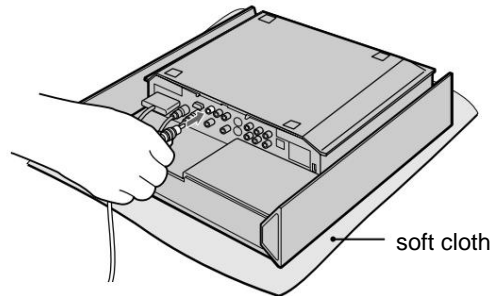
Connecting with the front face down may damage the front face.

Be sure to connect the unit with the top side down on a soft cloth.

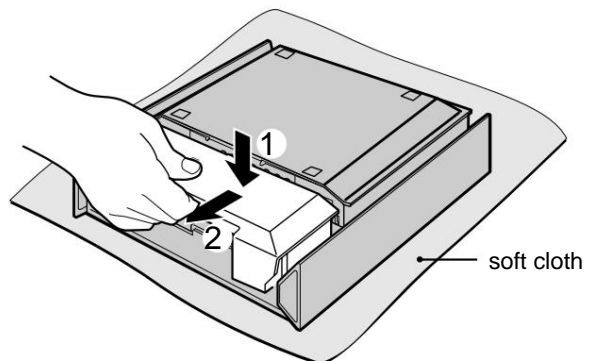
please give me.

After completing the connection, see "Preparation 5 Installation" (page 13).

and install the machine in the correct way.



How to remove the cover on the bottom of the machine



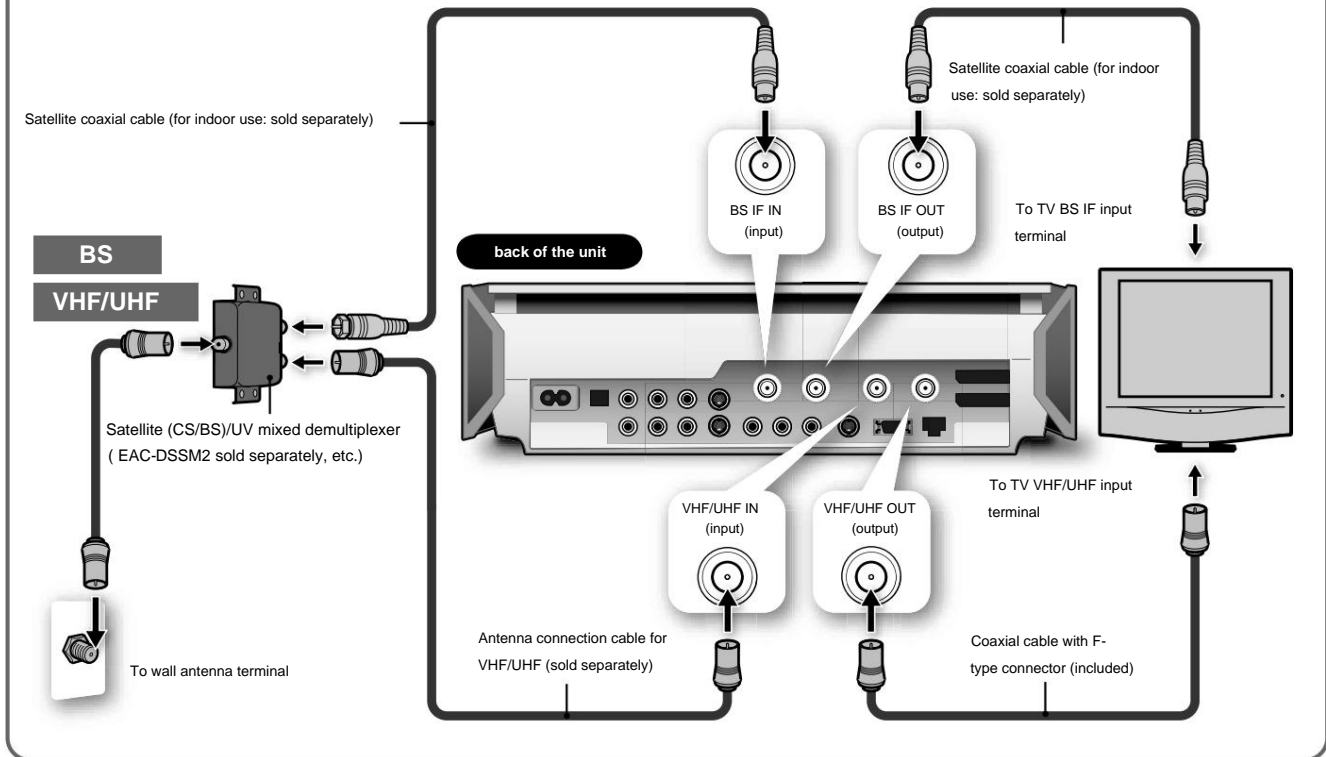
While pushing down the position of the lid, pull it forward.

Connection method for the DESR-7700 model

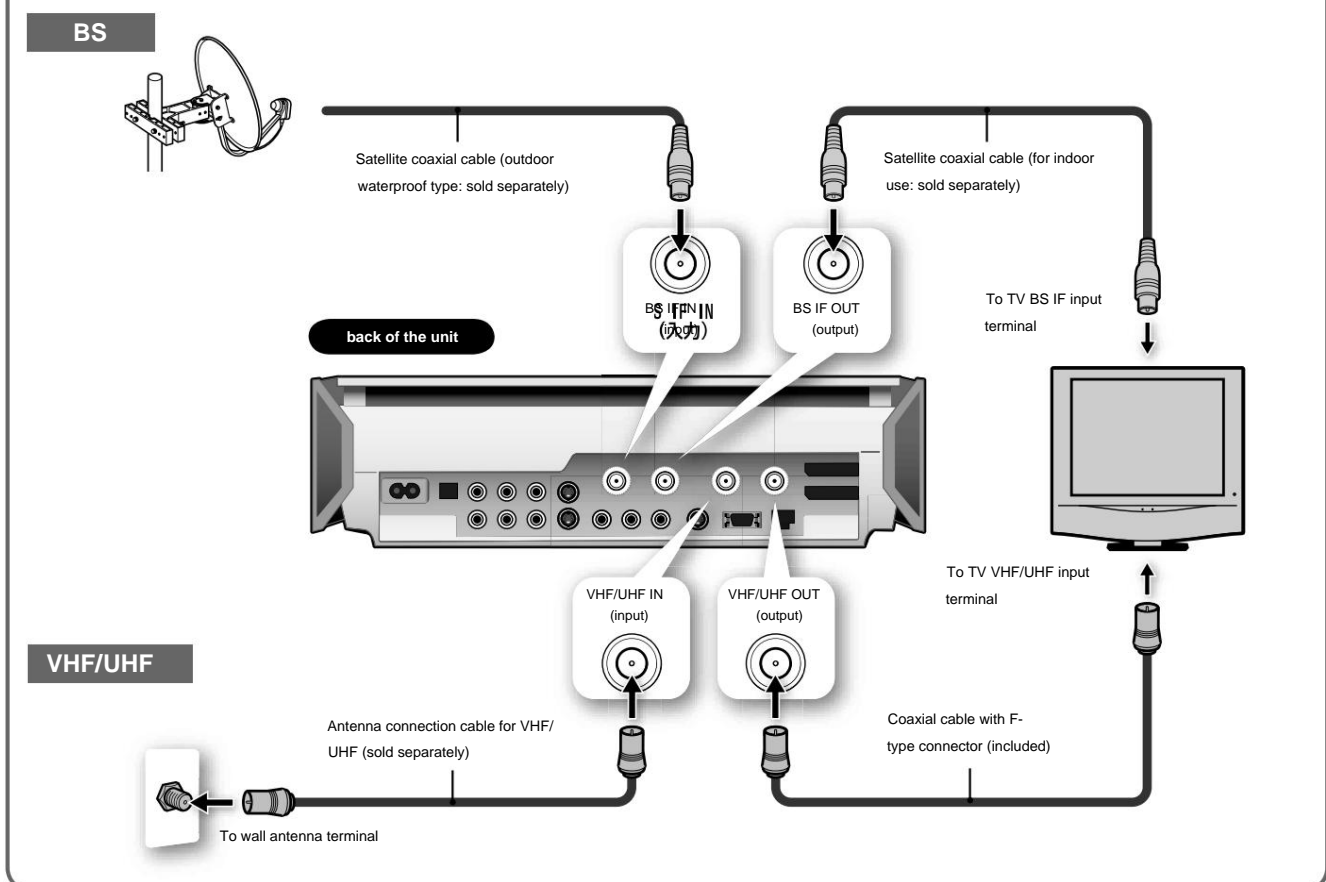
The optional accessories described in this manual are current as of March 2005. Please accept our apologies if the product is out of stock or production is completed.

When the VHF/UHF and BS antennas are mixed, separate

the BS and TV broadcasts and connect as shown in the connection diagram below.

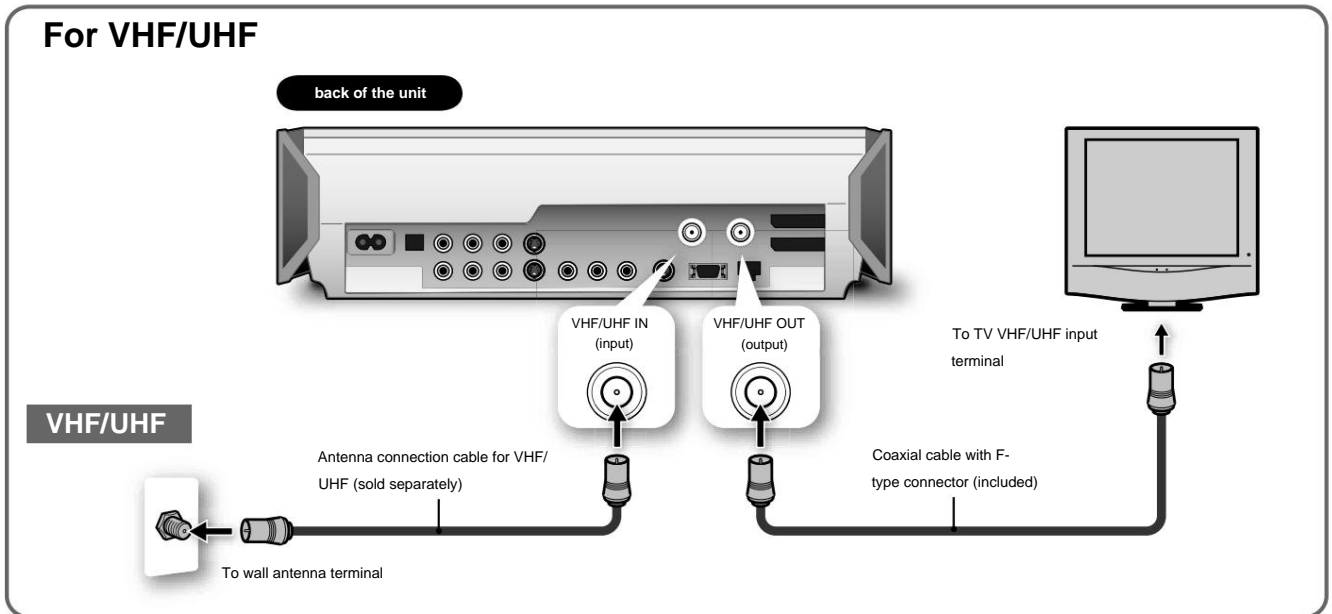


When VHF/UHF and BS antennas are separate



Connection method for the DESR-5700 model

The optional accessories described in this manual are current as of March 2005. Please accept our apologies if the product is out of stock or production is completed.



When the TV reception is poor

If the TV program received by this unit is not displayed or the screen is distorted,

If this occurs, use a commercially available antenna booster and connect the antenna to the VHF/UHF terminal.

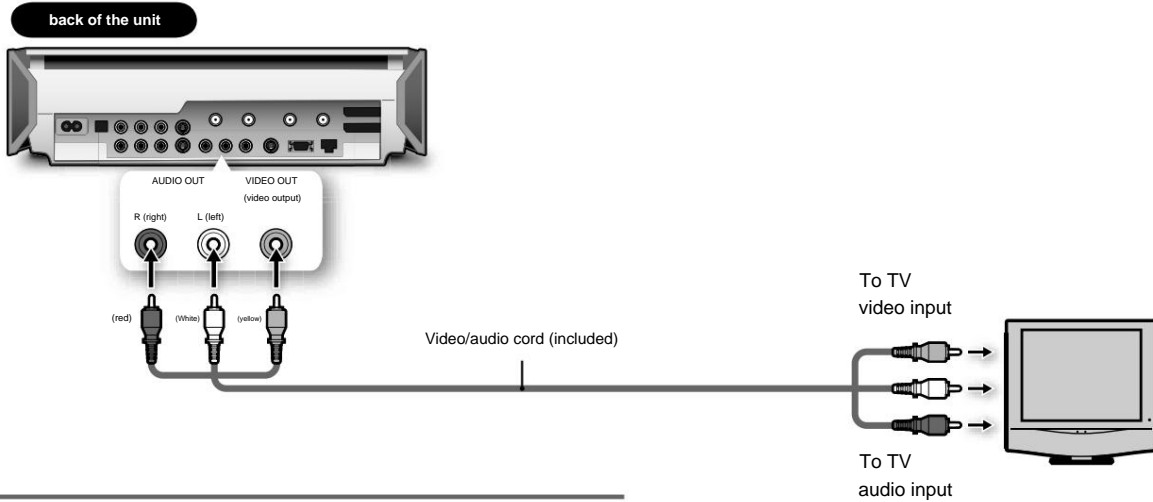


Connect a dedicated coaxial cable to the BS-IF input terminal Never connect a cable other than the satellite (BS) coaxial cable to the BS-IF input terminal. Since the BS-IF input terminal supplies power for the BS converter, failure to connect the dedicated cable may result in a short circuit, resulting in a fire or other accident.

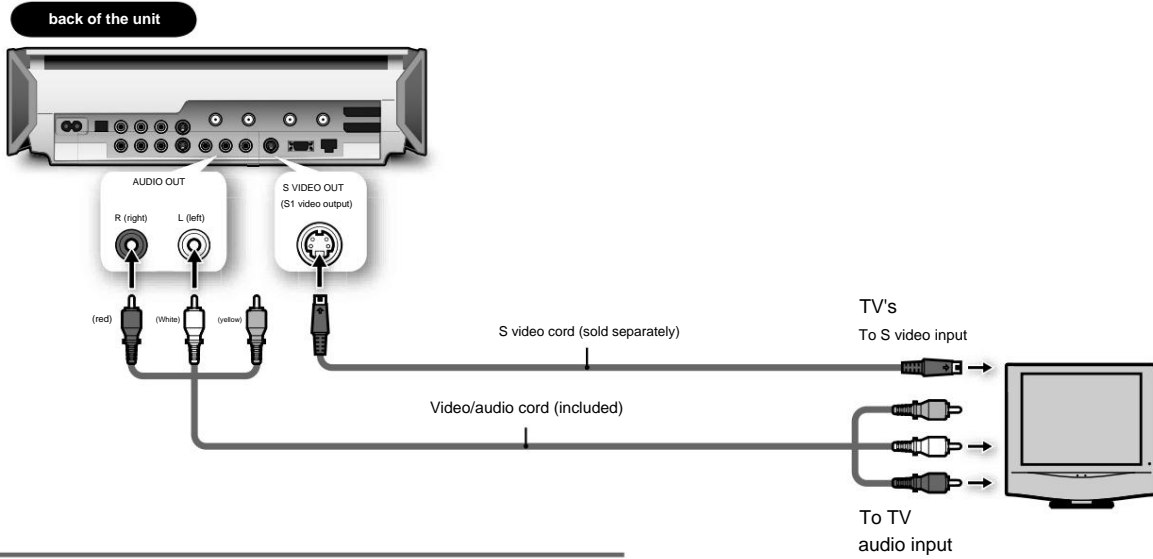
Step 3 Connect the video and audio cable

Connect using a video cable

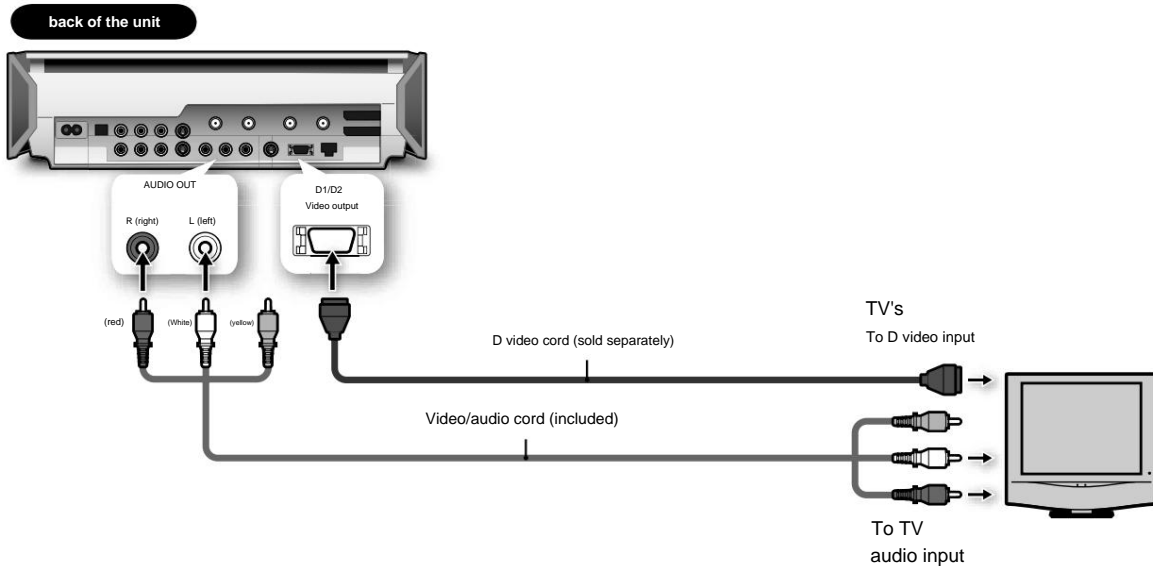
Prepare



Connecting using an S-video cable



Connecting using a D video cable

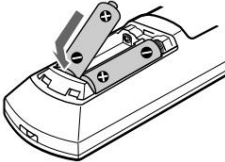


Step 4 Prepare the remote control

See page 31 for caution

put batteries in the remote control

Open the lid on the back of the remote control and insert the included batteries. Be sure to insert the battery from the \ominus pole side as shown in the figure below.



Setting to operate the TV of each company

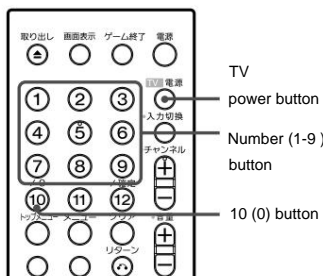
You can operate the TV channel, volume, and power with the remote control of this unit. to come. At the time of purchase, you can operate a Sony TV.

It is set.

While pressing the TV power button, select the manufacturer of the TV you want to operate.

Press the number buttons for the registration number one by one, and finally release the power button.

vinegar.



Buttons for operating the TV

tv power button

Input selector button

Channel +/- button Volume +/-

button * The number buttons

are for TV channel selection

cannot be used for

Input example

Toshiba: While pressing the TV power button \odot , 10 3
release the source button.

Pioneer: While pressing the TV power button \odot , power 10 10
release the source button.

TV manufacturer registration	number
1 Sony*	01 (default setting), 12
Matsushita Electric [†]	02 $\dot{\bar{y}}$ 13
Industrial* Toshiba	03
Hitachi Mitsubishi	04
Electric JVC Sanyo	05
Electric* Sharp*	06
	07 $\dot{\bar{y}}$ 15
	08 $\dot{\bar{y}}$ 16
NEC	09
Pioneer	10
Fujitsu General	11
Funai	14
Aiwa*	01 $\dot{\bar{y}}$ 17
SAMSUNG*	18 $\dot{\bar{y}}$ 19

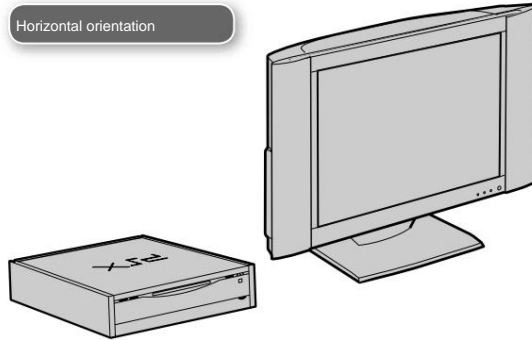
[†] If there are two or more maker numbers, try the numbers that can operate the TV in order. Please choose.

Preparation 5 Install

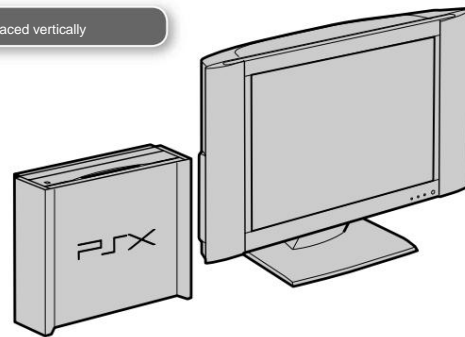
When installing the unit, place it on a flat surface as shown in the illustration below.

please give me.

Horizontal orientation



When placed vertically



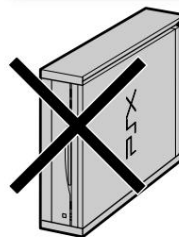
Prohibited Installation Method

When installing the unit, install it in an orientation other than the correct installation method.

please don't

If installed incorrectly, the disc may become unreadable or malfunction. may be the cause of

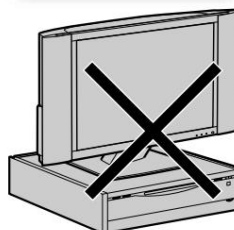
Placed on its side



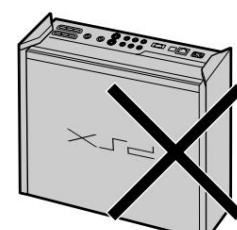
Place the top face down



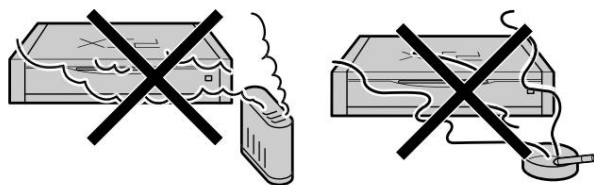
Place a TV, etc. on top of the unit



Installed face down



Do not install this unit in a place with a lot of dust or cigarette smoke, or near a humidifier.



Dust, cigarette tar, steam from the humidifier, etc. may get inside the unit. If it adheres to the product (lens, etc.), it may cause malfunction.

When the power lamp of this unit is lit or flashing, Do not subject the hard disk to vibration or impact while the HDD ACCESS lamp is blinking.

built-in safety mechanisms to prevent misuse.

Doing so may cause loss of recorded data or malfunction.

Please pay particular attention to the following points.

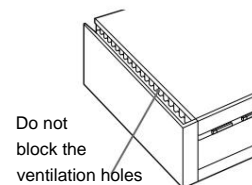
- Do not move the unit or change its orientation while the power cord is connected. Even when the power lamp is lit in red, the hard disk may operate if the power cord is connected.
- Do not move or move the product immediately after connecting/disconnecting the power cord or turning the power on/off. To protect the hard disk , wait about 20 seconds after turning off the power.
- Do not apply vibration or impact.
- Do not use in a vibrating or unstable location.
- Do not unplug the power cord during recording or playback.
- Do not pull the cable of the dedicated analog controller, etc. strongly. The unit may fall over when placed vertically. Parents, please be careful with your children.

Do not install in the following locations: - Locations exposed to direct sunlight or high humidity (If the temperature inside the projector becomes excessively high, the power will automatically turn off.) - Extremes in a cold place , or near a tuner, TV or VCR (when used together with a tuner, TV or VCR, noise may occur or the image may be distorted. Especially indoor antennas) (This is more likely to occur when the weather is dark, so we recommend using an outdoor antenna.)

- On a carpet, etc.
- A place where water splashes
- Dusty place
- An unstable place
- In racks with doors that are poorly ventilated
- Places where exhaust heat from the unit is trapped

Also, do not do the following as it may cause malfunction.

- Place a container filled with water, such as a vase, on the unit.
- Put hot objects such as kettles on it
- Inclining the unit
- Block the ventilation holes by covering the unit with a cloth, etc.



The ventilation holes of this machine are located on both sides of the main body.

When changing the installation location, do not move the unit with a disc inserted. Doing so may damage the disc .

Step 6 Connect the power cord

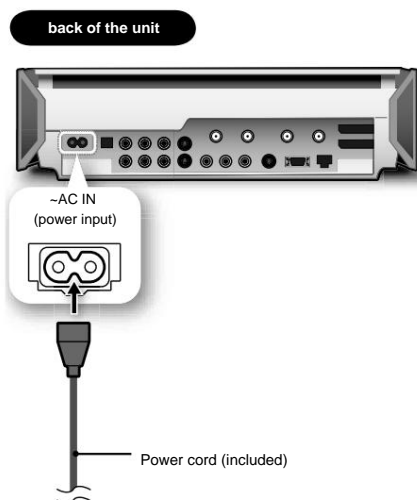
Be sure to follow the procedure below after all connections are completed.

Please connect accordingly.

Improper connection of the power cord may damage the unit.

increase.

Step1

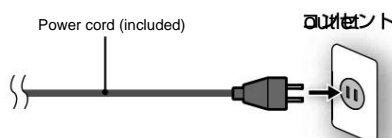


Connect the power cord to the AC IN terminal of this unit .
be.

Step2

Install the unit using the correct installation method. For the correct installation method, refer to "Preparation 5 "Installing" (page 13).

Step3



Plug the power cord into the outlet.

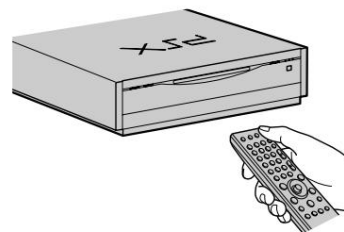
Immediately after connecting the power cord to the outlet, never
Please do not move.

When the power cord is connected, the cooling fan of this unit and the hard disk works.

Wait until the HDD ACCESS lamp turns off, then turn on the power.

please give me.

Check if the power turns on with the power button on the remote control.



Press the power button on the remote control to turn on the power of this unit.

The "PSX" logo will appear on the screen, and after a while it will be easy to
The setting screen is displayed.

See "Preparation 7: Easy Setup" (page 16).

If the remote control's power button does not turn on the power, is the remote control mode switch set to "1"?
please confirm.

The remote control mode of the unit (page 136) and the remote control of the remote control
If the numbers on the mode switch are different, you can use the remote control to
cannot be operated.

The remote control mode of this unit is set to "1" at the time of purchase.
Therefore, set the remote control mode switch on the remote control to "1".
is needed.

If you want to operate multiple "PSX" with one remote control,

Set the remote control mode of the remote control to a different number from other "PSX"
please.

For details on the setting method, see "Changing the remote control mode".
(page 136).

If the remote control does not work or malfunctions, check the following points.

- If the remote control sensor is exposed to direct sunlight or strong light from a lighting fixture, the remote control may not work properly. If the remote control does not work properly, change the installation location so that it is not exposed to light, and check if the remote control can be operated.
- If a "PSX" dedicated analog controller (DUALSHOCK 2) is connected, check to see if any buttons on the analog controller have been pressed.
- Temporarily remove the "PSX" dedicated analog controller (DUALSHOCK 2) and check if it can be operated with the remote control again.

If it still does not work, refer to "Receiving area settings" (page 136)

Place the light receiving part on the "front" when placed horizontally, and on the "top" when placed vertically.

Please switch.

Step 7 Performing simple settings

Connect the power cord in "Preparation 6 Connecting the power cord" (page 15).

When you connect and turn on the power for the first time, the simple settings are displayed.

Make basic settings for using this unit with "Easy Setup".
I can.

Step1

Turn on the power.
The Easy setting screen is displayed.

Step2



決定 Press.
If you are using the DESR-7700, press **決定** to display the BS antenna power setting screen. will be Proceed to Step3.
For DESR-5700 users, press to display the time setting screen. Proceed to Step4 .

Step3



Select the setting with **決定** and press .

enter

Always supply power to the BS antenna.

cut

Does not supply power to the BS antenna. Select "Off" when using the BS antenna of a public hearing system such as an apartment building.

決定 Press to display the time setting screen.

Step4



Confirm that the time is correct and press **決定**.
Correct current time, including year and am/pm
Make sure it is set to

If the time is not set correctly, the program guide etc. may not work properly.

Press **決定** to start automatic recording (x-Omakase/Full Recording).
setting screen is displayed.

When the time is incorrect

1 Press when the time setting screen is displayed.

2 Select the item you want to set with **決定** and set the correct time with **決定**.
決定

3 Press **決定**.

Step5



Press **決定** to set automatic recording (x-Omakase/Full Recording). settings) and press **決定**. If you want to use Omakase/ Maruroku, select "Yes" and proceed to Step 6.

yes

Use the functions of x-Omakase and Maru-Roku.

No

Do not use the x-Omakase/Maru-Roku function.

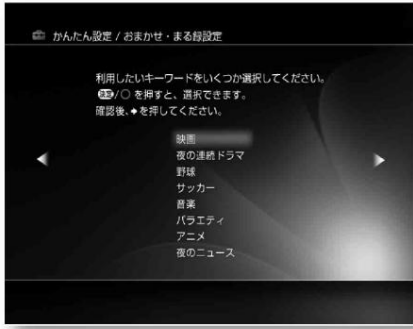
If you select "Yes", programs to be recorded automatically
A screen for setting keywords for

vinegar.

If you select "No", proceed to Step7 .

Adding and changing settings after completing Easy Setup can also do.

Step6



Select the keyword and press **決定** (Decide).

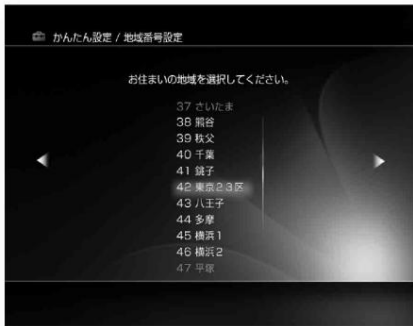
Automatic recording is performed using preset keywords. It is done based on the e.g. keyword "evening news". The unit will automatically record.

You can select multiple keywords for automatic recording.

Press **決定** to display the area code setting screen.

increase.

Step7



Select an area with **決定** and press **決定**.

Sets of stations displayed on the unit's program guide, etc. The combination differs depending on the area code. From "List of Area Codes" (page 19), please choose the closest match.

決定 Press to display the automatic channel setting screen is displayed.

Step8



Select "Yes" with **決定** and press **決定** to set the automatic channel setting, the number of the program guide will be displayed. Time and channel for acquiring group information is also set automatically.

yes

Automatically sets the receiving channel. It will take some time for the automatic setting to finish.

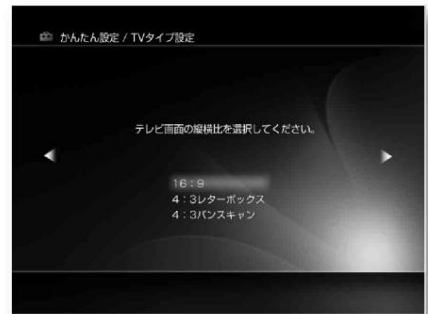
No

Do not perform automatic channel setting.

Be sure to select "Yes" to perform automatic channel setting at the time of purchase, when the area code is set for the first time, or when the area where the unit is used is changed.

決定 Press to display the TV type setting screen will be

Step9



Select the TV aspect ratio with **決定** and press **決定**. Display images that match the aspect ratio of your TV. can be set as shown.

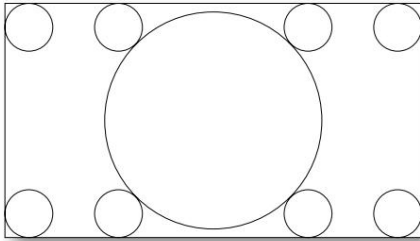
16:9

Select this when the aspect ratio of the TV screen is 16:9.

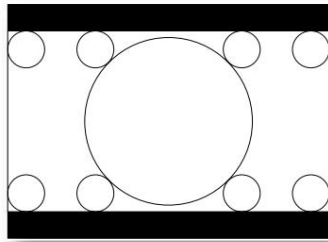
4:3 letterbox

Select this when the aspect ratio of the TV screen is 4:3 and you want to view 16:9 images with the original aspect ratio.

Prepare



Original video (16:9)
video

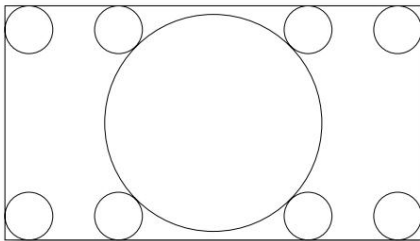


When 4:3 letterbox is set

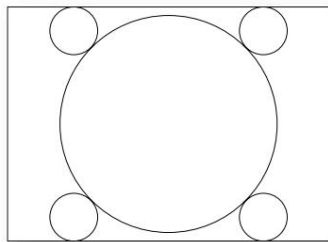
Black bands are displayed at the top and bottom of the original image.
displayed while maintaining the aspect ratio.

4:3 Select this when

the aspect ratio of the 4:3 pan scan TV screen is 4:3 and you want to view 16:9 images in the 4:3 aspect ratio.



Original video (16:9)
video



When 4:3 pan scan is set

Fitting the original video to a 4:3 screen display.

Press to display the Dolby Digital setting screen.
face is displayed.

Step10



Select the Dolby Digital* setting with $\text{y\ddot{y}}$.



Press.

enter

Select when connecting an audio device with a built-in Dolby Digital decoder using an optical digital cable (sold separately).

Note that sound may not be output if Dolby Digital is set to "On" when connected to an audio device that does not have a built-in Dolby Digital decoder.

cut

Select when connecting an audio device that does not have a built-in Dolby Digital decoder.

* Manufactured under license from Dolby Laboratories
It has been. Dolby, Dolby and the double D symbol are trademarks of Dolby Laboratories.

Press to display the DTS setting screen.

increase.

Step 11



Select the DTS** setting with **ÿÿ** and **press** .

enter

Audio with built-in DTS decoder device with an optical digital cable (sold separately) Select when connecting.

audio without a built-in DTS decoder. When connected to an audio device, DTS is set to "On", no sound will be output. Please note that there may be

cut

audio without a built-in DTS decoder. Select when connecting an audio device. When the DTS setting is set to "On", Select DTS in the audio selection of the DVD menu. please.

** DTS and DTS Digital Out are Digital Theater is a trademark of Systems, Inc.

決定 Press to finish "Easy Setup".

You can use the functions of this machine.

However, the program guide is the program guide at the time of purchase.

Because there is no program information to use,

not available immediately. "program

"Preparing to use the table" (page 22).

Check if the program guide is received correctly.

please give me.

Default settings

project	Default settings
BS antenna power supply (DESR-7700 only)	cut
Omakase / Complete recording	
Area code setting	42 Tokyo 23 Wards
TV type	16:9
Dolby Digital Off	
DTS	cut

Area code list

Current area of residence

Sapporo (Ebetsu)

001

Area code

"Preparation 7 Easy setting Step 7 (17 page)"

Example: If the unit is set to 3 channels,

NHK synthesis (identification number 80) is reflected

3 (NHK synthesis)

Broadcasting station name

display channel

This is the channel displayed on the screen. hand

The line number of the dynamic channel setting screen is It becomes the display channel (page 23).

Prefecture	City number	Display channel broadcasting station name that is set when a region name is selected	
Hokkaido	Sapporo (Ebetsu) 001	3 (NHK General) 5 (Sapporo Television) 17 (Television Hokkaido)	12 (NHK Education) 1 (Hokkaido Broadcasting) 35 (Hokkaido Television) 27 (Hokkaido Cultural Broadcasting)
	Otaru 002	11 (NHK General) 7 (Sapporo Television) 24 (Television Hokkaido)	2 (NHK Education) 9 (Hokkaido Broadcasting) 4 (Hokkaido Television) 26 (Hokkaido Cultural Broadcasting)
	Asahikawa 003	9 (NHK General) 7 (Sapporo Television) 33 (Television Hokkaido)	2 (NHK Education) 11 (Hokkaido Broadcasting) 39 (Hokkaido Television) 37 (Hokkaido Cultural Broadcasting)
	Nayoro 004	4 (NHK General) 6 (Sapporo Television) 33 (Television Hokkaido)	12 (NHK Education) 10 (Hokkaido Broadcasting) 24 (Hokkaido Television) 26 (Hokkaido Cultural Broadcasting)
	Wakkanai 005	28 (NHK General) 22 (Sapporo Television) 33 (Television Hokkaido)	30 (NHK Education) 10 (Hokkaido Broadcasting) 24 (Hokkaido Television) 26 (Hokkaido Cultural Broadcasting)
	Muroran 006	9 (NHK General) 7 (Sapporo Television) 29 (Television Hokkaido)	2 (NHK Education) 11 (Hokkaido Broadcasting) 39 (Hokkaido Television) 37 (Hokkaido Cultural Broadcasting)
	Tomakomai 007	51 (NHK General) 57 (Sapporo TV) 47 (TV Hokkaido)	49 (NHK Education) 55 (Hokkaido Broadcasting) 61 (Hokkaido Television) 53 (Hokkaido Cultural Broadcasting)
	Hakodate 008	4 (NHK General) 12 (Sapporo Television) 21 (Television Hokkaido)	10 (NHK Education) 6 (Hokkaido Broadcasting) 35 (Hokkaido Television) 27 (Hokkaido Cultural Broadcasting)
	Obihiro 009	4 (NHK General) 10 (Sapporo TV)	12 (NHK Education) 6 (Hokkaido Broadcasting) 34 (Hokkaido Television) 32 (Hokkaido Cultural Broadcasting)
	Kushiro 010	9 (NHK General) 7 (Sapporo Television) 29 (Television Hokkaido)	2 (NHK Education) 11 (Hokkaido Broadcasting) 39 (Hokkaido Television) 41 (Hokkaido Cultural Broadcasting)
Aomori	Abashiri 011	3 (NHK synthesis) (Hiroaki) 34 (Aomori Asahi Broadcasting)	12 (NHK Education) 1 (Hokkaido Broadcasting) 5 (Sapporo Television) 35 (Hokkaido Television) 27 (Hokkaido Cultural Broadcasting)
	Kitami 012	9 (NHK synthesis) (Aomori TV) 56 (Aomori Asahi Broadcasting)	2 (NHK Education) 53 (Hokkaido Broadcasting) 7 (Sapporo Television) 61 (Hokkaido Television) 59 (Hokkaido Cultural Broadcasting)
	Aomori Aomori (Hiroaki) 013	3 (NHK synthesis) 38 (Aomori TV) 34 (Aomori Asahi Broadcasting)	5 (NHK Education) 1 (Aomori Broadcasting)
Iwate	Hachinohe 014	9 (NHK synthesis) (Aomori TV) 31 (Aomori Asahi Broadcasting)	7 (NHK education) 33 11 (Aomori Broadcasting)
	Mutsu 015	4 (NHK synthesis) (Aomori TV) 56 (Aomori Asahi Broadcasting)	12 (NHK Education) 10 (Aomori Broadcasting)
	Iwate Morioka 016	4 (NHK General) 35 (TV Iwate)	8 (NHK Education) 33 (Iwate Menkoi Television) 31 (Iwate Asahi Television)
Miyagi	Kamashi 017	2 (NHK General) 58 (TV Iwate)	12 (NHK education) 10 (Iwate Broadcasting)* 60 (Iwate Menkoi TV) 62 (Iwate Asahi TV)
	Ninohe 018	5 (NHK synthesis) 29 (Iwate Menkoi Television) 27 (Iwate Asahi Television)	12 (NHK Education) 2 (Iwate Broadcasting) 37 (TV Iwate)
	Sendai 019	3 (NHK synthesis) (Sendai Broadcasting) 34 (Miyagi Television)	5 (NHK Education) 12 1 (Tohoku Broadcasting) 32 (East Japan Broadcasting)
Akita	Ishinomaki 020	51 (NHK General) 57 (Sendai Broadcasting) 55 (Miyagi Television)	49 (NHK Education) 59 (Tohoku Broadcasting) 51 61 (East Japan Broadcasting)
	Kesennuma 021	2 (NHK synthesis) (Sendai Broadcasting) 37 (Miyagi Television)	10 (NHK Education) 6 4 (Tohoku Broadcasting) 43 (East Japan Broadcasting)
	022	9 (NHK synthesis) (Akita TV) 31 (Akita Asahi Broadcasting)	2 (NHK Education) 37 11 (Akita Broadcasting)
Akita	023	4 (NHK synthesis) (Akita TV) 59 (Akita Asahi Broadcasting)	8 (NHK Education) 57 6 (Akita Broadcasting)
	Omagari 024	45 (NHK General) 51 (Akita TV) 41 (Akita Asahi Broadcasting)	43 (NHK Education) 47 (Akita Broadcasting)

Prefecture	area number	Display channel broadcasting station name that is set when a region name is selected		
Yamagata	025	8 (NHK General) 38 (Yamagata Television)	4 (NHK Education) 10 (Yamagata Broadcasting) 36 (TV You Yamagata) 30 (Sakuranbo TV)	
	026	3 (NHK General) 39 (Yamagata Television)	6 (NHK education) 22 (TV You Yamagata) 24 (Sakuranbo TV)	1 (Yamagata Broadcasting)
	027	52 (NHK General) 58 (Yamagata Television)	50 (NHK Education) 54 (Yamagata Broadcasting) 56 (TV You Yamagata) 60 (Sakuranbo TV)	
	028	9 (NHK synthesis) (Fukushima Central Television) 35 (Fukushima Broadcasting)	2 (NHK Education) 33 (Fukushima Broadcasting)	11 (Fukushima TV) 31 (TV You Fukushima)*
Fukushima	029	4 (NHK synthesis) (Fukushima Central Television) 60 (Fukushima Broadcasting)	10 (NHK Education) 58 (Fukushima Broadcasting)	8 (Fukushima TV) 62 (TV You Fukushima)*
	030	1 (NHK synthesis) (Fukushima Central Television) 41 (Fukushima Broadcasting)	3 (NHK Education) 37 (Fukushima Broadcasting)	6 (Fukushima TV) 47 (TV You Fukushima)*
	031	44 (NHK General) 40 (TBS Television) 38 (Fuji Television) 36 (TV Asahi) 32 (TV Tokyo) 39 (Chiba TV) 14 (Tokyo Metropolitan)	46 (NHK Education) 42 (Nippon Television)	
Ibaraki	032	52 (NHK General) 56 (TBS Television) 58 (Fuji Television) 60 (TV Asahi) 62 (TV Tokyo) 39 (Chiba TV) 14 (Tokyo Metropolitan)	50 (NHK Education) 54 (Nippon Television)	
	033	29 (NHK General) 23 (TBS TV) 21 (Fuji TV) 19 (TV Asahi) 17 (TV Tokyo) 31 (Tochigi Television) 14 (Tokyo Metropolitan)	27 (NHK Education)	25 (Nippon TV)
Tochigi	034	51 (NHK General) 55 (TBS Television) 57 (Fuji Television) 59 (TV Asahi) 61 (TV Tokyo) 31 (Tochigi Television) 14 (Tokyo Metropolitan)	49 (NHK Education) 53 (Nippon Television)	
	035	52 (NHK General) 56 (TBS Television) 58 (Fuji Television) 62 (TV Tokyo) 48 (Gunma Television)	50 (NHK Education) 54 (Nippon TV) 60 (TV Asahi)	54 (Nippon TV)
	036	43 (NHK synthesis) 37 (TBS TV) 35 (Fuji TV) 41 (Gunma TV) 31 (TV Tokyo) 38 (TV Saitama)	45 (NHK Education)	39 (Nippon TV) 33 (TV Asahi) 14 (Tokyo Metropolitan)
Saitama	038	1 (NHK synthesis) 6 (TBS Television) 8 (Fuji Television) 037 12 (TV Tokyo) 38 (TV Saitama)	3 (NHK Education)	4 (Nippon TV) 10 (TV Asahi) 14 (Tokyo Metropolitan)
	039	33 (NHK General) 23 (TBS TV) 21 (Fuji TV) 17 (TV Tokyo) 28 (TV Saitama)	35 (NHK Education)	25 (Nippon TV) 19 (TV Asahi)
	040	51 (NHK General) 55 (TBS Television) 57 (Fuji TV) 61 (TV Tokyo) 47 (TV Saitama)	49 (NHK Education)	53 (Nippon TV) 59 (TV Asahi)
Chiba	041	1 (NHK synthesis) 6 (TBS Television) 8 (Fuji Television) 12 (TV Tokyo) 46 (Chiba Television) 14 (Tokyo Metropolitan)	3 (NHK Education)	4 (Nippon TV) 10 (TV Asahi) 42 ytvk
	042	51 (NHK General) 55 (TBS Television) 57 (Fuji Television) 61 (TV Tokyo) 39 (Chiba Television)	49 (NHK Education)	53 (Nippon TV) 59 (TV Asahi) 42 ytvk
	043	1 (NHK synthesis) 6 (TBS TV) 8 (Fuji TV) 12 (TV Tokyo) 46 (Chiba TV) 38 (TV Saitama) 14 (Tokyo Metropolitan)	3 (NHK Education)	4 (Nippon TV) 10 (TV Asahi) 42 ytvk
	044	51 (NHK General) 55 (TBS Television) 57 (Fuji Television) 61 (TV Tokyo) 46 (Chiba Television) 38 (Television Metropolitan)	49 (NHK Education)	53 (Nippon TV) 59 (TV Asahi) 42 ytvk
Kanagawa	045	52 (NHK General) 56 (TBS Television) 58 (Fuji TV) 62 (TV Tokyo) 48 (tvk)	50 (NHK Education)	54 (Nippon TV) 60 (TV Asahi) 14 (Tokyo Metropolitan)
	046	1 (NHK synthesis) 6 (TBS Television) 8 (Fuji TV) 12 (TV Tokyo) 42 (tvk)	3 (NHK Education)	4 (Nippon TV) 10 (TV Asahi) 14 (Tokyo Metropolitan)
	047	33 (NHK General) 37 (TBS TV) 39 (Fuji TV) 43 (TV Tokyo) 31 (tvk)	29 (NHK Education)	35 (Nippon TV) 41 (TV Asahi) 14 (Tokyo Metropolitan)
	048	47 (NHK synthesis) 53 (TBS Television) 55 (Fuji TV) 59 (TV Tokyo) 61 (tvk)	49 (NHK Education)	51 (Nippon TV) 57 (TV Asahi) 14 (Tokyo Metropolitan)
	049	52 (NHK General) 56 (TBS Television) 58 (Fuji TV) 62 (TV Tokyo) 46 (tvk)	50 (NHK Education)	54 (Nippon TV) 60 (TV Asahi) 14 (Tokyo Metropolitan)
	050	1 (NHK synthesis) (TV Yamanashi)	3 (NHK education) 37	5 (Yamanashi Broadcasting)

* If you are watching NHK General on channel 52, please select "Yokohama 1", otherwise please select "Yokohama 2".
Please select 2. If you don't know which one, select "Yokohama 2" and check the reception status.
Please Confirm. If you cannot receive correctly, select "Yokohama 1" again.
please give me.

Nagano	Nagano 1**	44 (NHK General) 051 42 (Nagano Broadcasting)	46 (NHK Education) 40 (TV Shinshu)	48 (Shinetsu Broadcasting) 50 (Nagano Asahi Broadcasting)	
		Nagano 2**	2 (NHK General) 052 38 (Nagano Broadcasting)	9 (NHK Education) 30 (TV Shinshu)	11 (Shinetsu Broadcasting) 20 (Nagano Asahi Broadcasting)
	Matsumoto	053	44 (NHK General) 40 (Shin-Etsu Broadcasting)	46 (NHK Education) 42 (Nagano Broadcasting)	48 (TV Shinshu) 50 (Nagano Asahi Broadcasting)
		054	4 (NHK General) 40 (Nagano Broadcasting)	3 (NHK education) 42 (TV Shinshu)	6 (Shinetsu Broadcasting) y 44 (Nagano Asahi Broadcasting)
Okaya	Suwa	4 (NHK General) 6 (Shin-Etsu Broadcasting)	8 (NHK Education) 47 (Nagano Broadcasting)	59 (TV Shinshu) 61 (Nagano Asahi Broadcasting)	
	055				
Niigata	Niigata (Nagaoka)	056	8 (NHK General) 35 (Niigata General Television) 29 (TV Niigata)	12 (NHK Education) 5 (Niigata Broadcasting) 21 (Niigata Television 21)	
		Joetsu	3 (NHK General) 33 (Niigata General Television) 27 (TV Niigata)	1 (NHK Education) 10 (Niigata Broadcasting) 37 (Niigata Television 21)	
	Toyama	058	3 (NHK General) 34 (Toyama Television)	10 (NHK Education) 32 (Tulip TV)	1 (Northern Japan Broadcasting)
Ishikawa	Kanazawa (Komatsu)	060	4 (NHK General) 37 (Ishikawa Television)	8 (NHK Education) 33 (TV Kanazawa)	6 (Hokuriku Broadcasting) y 25 (Hokuriku Asahi Broadcasting)
		061	9 (NHK General) 55 (Ishikawa Television)	5 (NHK education) 57 (TV Kanazawa)	11 (Hokuriku Broadcasting) y 59 (Hokuriku Asahi Broadcasting)
Fukui	Fukui	062	9 (NHK General) 39 (Fukui TV)	3 (NHK Education)	11 (Fukui Broadcasting)
		063	6 (NHK General) 38 (Fukui TV)	12 (NHK Education)	8 (Fukui Broadcasting)
Gifu	Gifu (Ogaki)	064	39 (NHK General) 1 (Tokai Television) 37 (Gifu Broadcasting)	9 (NHK Education) 5 (Chubu Nippon Broadcasting) 11 (Nagoya Television) 35 (Chukyo Television) 25 (TV Aichi) 33 (Mie TV)	
		065	4 (NHK General) 8 (Tokai Television) 38 (Gifu Broadcasting)	2 (NHK Education) 12 (Nagoya Television) 26 (Chukyo Television) 25 (TV Aichi) 33 (Mie TV)	6 (Chubu Nippon Broadcasting)*
	066	4 (NHK General) 10 (Tokai Television) 28 (Gifu Broadcasting)	12 (NHK Education) 8 (Chubu Nippon Broadcasting) 6 (Nagoya Television) 26 (Chukyo Television) 25 (TV Aichi) 33 (Mie TV)		
Shizuoka	Shizuoka (Shimizu)	067	9 (NHK synthesis) 35 (TV Shizuoka)	2 (NHK Education) 11 (Shizuoka Broadcasting) 33 (Shizuoka Asahi Television) 31 (Shizuoka Daiichi Television)	
		068	4 (NHK General) 34 (TV Shizuoka)	8 (NHK Education) 6 (Shizuoka Broadcasting) 28 (Shizuoka Asahi Television) 30 (Shizuoka Daiichi Television)	
	Fuji (Fujinomiya)	069	52 (NHK General) 39 (TV Shizuoka)	54 (NHK Education) 41 (Shizuoka Broadcasting) 29 (Shizuoka Asahi Television) 27 (Shizuoka Daiichi Television)	
		070	53 (NHK synthesis) 59 (TV Shizuoka) 070	51 (NHK Education) 55 (Shizuoka Broadcasting) 57 (Shizuoka Asahi Television) 61 (Shizuoka Daiichi Television)	
Aichi	Nagoya (Tokai)	073	3 (NHK General) 1 (TV Aichi)	9 (NHK Education) 5 (Chubu Nippon Broadcasting) 11 (Nagoya Television) 35 (Chukyo Television) 33 (Mie TV) 37 (Gifu Broadcasting)	
		074	54 (NHK General) 56 (Tokai Television) 52 (TV Aichi)	50 (NHK Education) 62 (Chubu Nippon Broadcasting) 60 (Nagoya Television) 58 (Chukyo Television) 33 (Mie TV) 37 (Gifu Broadcasting)	
	Toyohashi (Toyokawa)	075	53 (NHK General) 57 (Tokai Television) 49 (TV Aichi)	51 (NHK Education) 55 (Chubu Nippon Broadcasting) 61 (Nagoya Television) 59 (Chukyo Television) 33 (Mie TV) 37 (Gifu Broadcasting)	
		076	31 (NHK General) 1 (Tokai Television) 33 (Mie Television)	9 (NHK Education) 11 (Nagoya Television) 35 (Chukyo Television) 25 (TV Aichi)	5 (Chubu Nippon Broadcasting)*
Ise	Nabari	077	53 (NHK General) 57 (Tokai Television) 59 (Mie Television)	49 (NHK Education) 55 (Chubu Nippon Broadcasting) 61 (Nagoya Television) 47 (Chukyo Television) 25 (TV Aichi)	
		078	52 (NHK General) 62 (Tokai Television) 58 (Mie Television)	50 (NHK Education) 60 (Chubu Nippon Broadcasting) 56 (Nagoya Television) 54 (Chukyo Television) 25 (TV Aichi)	
	079	28 (NHK General) 38 (Asahi Broadcasting) 30 (Biwako Broadcasting)	46 (NHK Education) 40 (Kansai 34 (Kyoto TV))	36 (Mainichi Broadcasting) y 42 (Yomiuri Television)	
Hikone	080	52 (NHK General) 58 (Asahi Broadcasting) 56 (Biwako Broadcasting)	50 (NHK Education) 60 (Kansai Television) 34 (Kyoto Television)	54 (Mainichi Broadcasting) y 62 (Yomiuri Television)	

** If you are watching NHK General on channel 44, please select "Nagano 1", otherwise please select "Nagano 2".
Please select 2. If you don't know which one, select "Nagano 2" and check the reception status.
Please Confirm. If you cannot receive the message correctly, select "Nagano 1" again.
please give me.

area	number	Display channel broadcasting station name that is set when a region name is selected			
Kyoto Kyoto	081	2 (NHK General) 6	12 (NHK Education) 8	4 (Mainichi Broadcasting) y	
		(Asahi Broadcasting)	(Kansai TV) 19 (TV Osaka)	10 (Yomiuri Television) 36 (Sun TV)	
	082	51 (NHK General) 55	49 (NHK Education) 59 (Kansai TV) 19 (TV Osaka)	53 (Mainichi Broadcasting) y 61 (Yomiuri Television) 36 (Sun TV)	
		Fukuchiyama	50 (NHK General) 58	52 (NHK Education) 60 (Kansai TV) 19 (TV Osaka)	54 (Mainichi Broadcasting) y 62 (Yomiuri Television) 36 (Sun TV)
Osaka Osaka	084	2 (NHK General) 6	12 (NHK Education) 8	4 (Mainichi Broadcasting) y	
		(Asahi Broadcasting) 19 (TV Osaka)	(Kansai Television) 34 (Kyoto Television)	10 (Yomiuri Television) 36 (Sun TV)	
Hyogo Kobe	085	28 (NHK General) 20	26 (NHK Education) 22 (Kansai TV) 19 (TV Osaka)	18 (Mainichi Broadcasting) 24 (Yomiuri Television)	
		Kobe Nada	52 (NHK General) 56	50 (NHK Education) 58 (Kansai TV) 19 (TV Osaka)	54 (Mainichi Broadcasting) y 60 (Yomiuri Television)
	087	Kawanishi	29 (NHK General) 37	31 (NHK Education) 39 (Kansai TV) 19 (TV Osaka)	35 (Mainichi Broadcasting) y 41 (Yomiuri Television)
		Miki	44 (NHK General) 38	46 (NHK Education) 40 (Kansai TV) 19 (TV Osaka)	34 (Mainichi Broadcasting) y 42 (Yomiuri Television)
	089	Himeji	50 (NHK General) 58	52 (NHK Education) 60 (Kansai TV) 19 (TV Osaka)	54 (Mainichi Broadcasting) y 62 (Yomiuri Television)
		Akashi (Kakogawa)	51 (NHK General) 57	49 (NHK Education) 59 (Kansai TV) 19 (TV Osaka)	53 (Mainichi Broadcasting) y 61 (Yomiuri Television)
	Nara Nara	091	51 (NHK General) 6	12 (NHK Education) 8	4 (Mainichi Broadcasting) y
			(Asahi Broadcasting) 55 (Nara TV) 19 (TV Osaka)	(Kansai TV) 36 (Sun TV)	10 (Yomiuri Television) 34 (Kyoto TV)
092		Gojo	43 (NHK General) 35	45 (NHK Education) 37 (Kansai TV) 36 (Sun TV)	33 (Mainichi Broadcasting) y 39 (Yomiuri Television) 34 (Kyoto TV)
Wakayama Wakayama	093	32 (NHK General) 44	26 (NHK Education) 46 (Kansai TV)	42 (Mainichi Broadcasting) y 48 (Yomiuri Television)	
		Hainan	50 (NHK General) 58	52 (NHK Education) 60 (Kansai TV)	54 (Mainichi Broadcasting) y 62 (Yomiuri Television)
	094	Tanabe	56 (TV Wakayama)		
Tottori Tottori	095	3 (NHK General) 22	4 (NHK Education) 24	1 (Nihonkai Television)	
Shimane Matsue	096	6 (NHK synthesis) 34 (San-in Central Television) 30 (Nihonkai Television)	12 (NHK Education) 9 (NHK Education) 58	10 (San-in Broadcasting)* 5 (San-in Broadcasting)*	
		Hamada	2 (NHK synthesis) 9 (NHK Education) 58	5 (San-in Broadcasting)*	
Okayama Okayama	098	5 (NHK synthesis) 23 (TV Setouchi) 9 (West Japan Broadcasting) 25 (Setonaikai Broadcasting)	3 (NHK Education) 11 (Sanyo Broadcasting) 35 (Okayama Broadcasting)	3 (NHK Education) 11 (Sanyo Broadcasting) 35 (Okayama Broadcasting)	
		Tsuyama	2 (NHK General) 60	12 (NHK Education) 7 (Sanyo Broadcasting) 56 (TV Setouchi) 58 (West Japan Broadcasting)	
	100	Kasooka	2 (NHK General) 60	4 (NHK Education) 6 (Sanyo Broadcasting) 19 (TV Setouchi)	17 (West Japan Broadcasting) 21 (Setonaikai Broadcasting)
Hiroshima Hiroshima	101	3 (NHK General) 12	7 (NHK Education) 4 (Chugoku Broadcasting) 35 (Hiroshima Home Television) 31 (Television Shin-Hiroshima)		
		Fukuyama	5 (NHK General) 11	3 (NHK Education) 7 (Chugoku Broadcasting) 57 (Hiroshima Home Television) 54 (Television Shin-Hiroshima)	
	103	Onomichi	1 (NHK synthesis) 24 (Hiroshima Home Television) 28 (Television Shin-Hiroshima)	7 (NHK Education) 10 (Chugoku Broadcasting) 12 (Hiroshima Home Television) 24 (Hiroshima Home Television) 28 (Television Shin-Hiroshima)	
		Kure	11 (NHK synthesis) 24 (Hiroshima Home Television) 28 (Television Shin-Hiroshima)	1 (NHK Education) 9 (Chugoku Broadcasting) 5 (Hiroshima Home Television) 24 (Hiroshima Home Television) 28 (Television Shin-Hiroshima)	
	104				
Yamaguchi Yamaguchi	105	9 (NHK synthesis) 38 (TV Yamaguchi) 28 (Yamaguchi Asahi Broadcasting)	1 (NHK Education) 11 (Yamaguchi Broadcasting)		
		Hofu			
	106	39 (NHK synthesis) 33 (TV Yamaguchi) 21 (Yamaguchi Asahi Broadcasting)	41 (NHK Education)	4 (Yamaguchi Broadcasting)	
		Ube	16 (NHK synthesis) 20 (TV Yamaguchi) 31 (Yamaguchi Asahi Broadcasting)	14 (NHK Education)	18 (Yamaguchi Broadcasting)
	108	Iwakuni	9 (NHK synthesis) 28 (Yamaguchi Asahi Broadcasting)	1 (NHK Education) 22	11 (Yamaguchi Broadcasting)
	109				
Tokushima Tokushima	109	3 (NHK synthesis) 6 (Asahi Broadcasting)	38 (NHK Education) 4	1 (Shikoku Broadcasting) 8 (Kansai TV)	

Kagawa Takamatsu	110	37 (NHK General) 41	39 (NHK Education) 29 (Sanyo Broadcasting)y	33 (Setonaikai Broadcasting) 31 (Okayama Broadcasting)	
		(West Japan Broadcasting) 19 (TV Setouchi)			
Matsuyama	111	44 (NHK General) 20	40 (NHK Education) 18 (Sanyo Broadcasting)y	42 (Setonaikai Broadcasting) 22 (Okayama Broadcasting)	
		(West Japan Broadcasting) 16 (TV Setouchi)			
Ehime Matsuyama	112	6 (NHK General) 37	2 (NHK Education) 10 (Nankai Broadcasting) 29 (Ai Television) y 25 (Ehime Asahi Television)		
		Nihami	2 (NHK General) 36	4 (NHK Education) 27 (Ai TV) 14 (Ehime Asahi TV)	6 (Nankai Broadcasting)
	114	Imabari	32 (NHK General) 36	30 (NHK Education) 34 (Nankai Broadcasting)	
		Uwajima	6 (NHK General) 32	1 (NHK Education) 10 (Nankai Broadcasting) 34 (Ai Television) y 16 (Ehime Asahi Television)	
	115				
Kochi Kochi	116	4 (NHK General) 38	6 (NHK Education)	8 (Kochi Broadcasting)	
Fukuoka Fukuoka	117	3 (NHK synthesis) 19 (Kyushu Asahi Broadcasting) 9 (TV West Japan) 37 (Fukuoka Broadcasting) 19 yQSTy	6 (NHK Education) 1	4 (RKB Mainichi Broadcasting)*	
		Kurume	46 (NHK synthesis) 60 (TV West Japan) 52 (Fukuoka Broadcasting) 14 yQSTy	54 (NHK Education) 48 (RKB Mainichi Broadcasting) y 57	
	119	Omuta	53 (NHK General) 50 (NHK Education) 55 (TV West Japan) 43 (Fukuoka Broadcasting) 19 yQSTy	50 (NHK Education) 61 (RKB Mainichi Broadcasting) y 58	
		Kitakyushu	6 (NHK synthesis) 12 (NHK Education) 10 (TV West Japan) 35 (Fukuoka Broadcasting) 23 yQSTy	12 (NHK Education) 8 (RKB Mainichi Broadcasting) 2	
	121	Yukuhashi	49 (NHK synthesis) 54 (TV West Japan) 43 (Fukuoka Broadcasting) 19 yQSTy	46 (NHK Education) 60 (RKB Mainichi Broadcasting) y 57	
Saga Saga	122	38 (NHK General) 48 (RKB Mainichi Broadcasting) y 57 (Kyushu Asahi Broadcasting)	40 (NHK Education) 11	36 (Saga TV) 14 yQSTy	
Nagasaki Nagasaki	123	3 (NHK General) 37	1 (NHK Education) 5 (Nagasaki Broadcasting) 27 (Nagasaki Cultural Broadcasting) 25 (Nagasaki International Television)		
		Sasebo	8 (NHK General) 35	2 (NHK Education) 10 (Nagasaki Broadcasting) 31 (Nagasaki Cultural Broadcasting) 17 (Nagasaki International Television)	
	125	early	47 (NHK General) 42	45 (NHK Education) 49 (Nagasaki Broadcasting) 24 (Nagasaki Cultural Broadcasting) 20 (Nagasaki International Television)	
Kumamoto Kumamoto	126	9 (NHK General) 34	2 (NHK Education) 11 (Kumamoto Broadcasting) 22 (Kumamoto TV) 16 (Kumamoto Asahi Broadcasting)		
Oita Oita	127	3 (NHK General) 36	12 (NHK Education) 24 (Oita Asahi Broadcasting)	5 (Oita Broadcasting)*	
Miyazaki Miyazaki	128	48 (NHK General) 37	45 (NHK Education) 17 (Oita Asahi Broadcasting)	51 (Oita Broadcasting)*	
Miyazaki Miyazaki	129	8 (NHK General) 35	12 (NHK Education)	10 (Miyazaki Broadcasting)*	
		Nobeoka	4 (NHK General) 39	2 (NHK Education)	6 (Miyazaki Broadcasting)*
Kagoshima Kagoshima	131	3 (NHK synthesis) 32 (Kagoshima Broadcasting)	5 (NHK Education) 38	1 (Southern Japan Broadcasting) y 30 (Kagoshima Yomiuri Television)	
		Akune	8 (NHK synthesis) 35 (Kagoshima Television) 23 (Kagoshima Broadcasting)	12 (NHK Education) 10 (Southern Japan Broadcasting) 17 (Kagoshima Yomiuri Television)	
	133	Kanoya	4 (NHK synthesis) 31 (Kagoshima Broadcasting)	2 (NHK Education) 33	6 (Minami Nippon Broadcasting) y 25 (Kagoshima Yomiuri Television)
Okinawa Okinawa	134	2 (NHK General) 8	12 (NHK Education) 28	10 (Ryukyu Broadcasting)* (Ryukyu Asahi Broadcasting)	

About the guide channel of BS broadcasting

BS broadcasting station name	Guide channel
NHK satellite first 74	
NHK Satellite 2nd 76	
WOWOW 73	

Prepare to use the program guide

The program guide (G-guide) is published in the TV section of newspapers and magazines. It is a TV screen that displays a list of programs that you might be interested in. Book On the machine, you can select the program you want to watch or record from the program guide. I can.

The program information displayed in the program guide depends on whether it is a specific broadcasting station (host station) or Since it is delivered several times a day, the simple setting of this unit is completed. After that, you will be able to use it after about half a day to a day. Here, receive the program information of the program table according to the following procedure, Check if the program guide works correctly.

Receiving program information on the program guide

Step1

Perform simple settings.
For details, see "Easy Setup" (page 16).

Step2

Observe the following five points,
Wait about one day to receive the program information.

If "Easy setting" is not performed correctly, program information may not be displayed in the program guide. the following points Please check once.

Points for receiving program guides

Point1

Are the antenna wire and power cord connected correctly? Please check again. The program information in the program guide is sent from the host station to the TV. It is sent using radio waves. antenna wire or the power cord is not properly connected, Please note that program information cannot be received. when.

Point2

Check again if "Easy Setup" is set correctly. "Time setting" or "Area code setting" in Easy settings

If "Settings" is not set correctly, you will not be able to receive the program guide. Book with "Easy Settings" set your watch to the correct time and , the combination of channel display and station Please select the area code closest to

stomach.

Point3

the guide channel is set correctly
Please check whether
If you are receiving VHF/UHF broadcasts on CATV (cable television) , the guide channel may not be set correctly.
"Setting the guide channel" (page 24) corresponding to the station you are listening to.
Set the guide channel with

Point4

When retrieving program information, the following Please check if it is not. If the unit is in any of the following states, the program information
The program information will not be obtained even at the acquisition time.
plug
• While watching a TV program on this unit
• When a TV program is being recorded on this unit
• While watching a TV program on this unit,
Displaying the home menu
• Status during dubbing from HDD to DVD
• Status during DVyHDD dubbing
• Video optimization in progress
• State of creating x-Pict Story

If you perform any of the following operations while acquiring program information, the number

Acquisition of group information is canceled

- When the power is turned on
- When you start auto play of a game or DVD



- Select a channel from (TV) when you press

Also, during the network update, the number Group information may not be obtained.

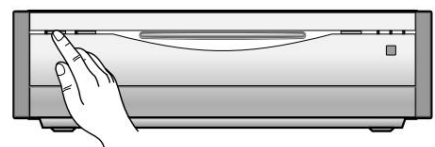
Point5

Please follow the above point 4 and wait for about half a day to a day . A specific broadcasting station (host station) broadcasts program information I have sent to several times. Depending on the time period From up to half a day until you can receive Please note that it will take about a day.

Check if the program information was received correctly

Step1

Front of the machine



Turn on the power of this unit.

Step2

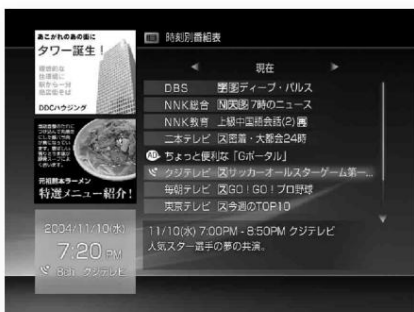


Press the Home button to display the home menu, then press \bar{y} .
With \bar{y} Select (TV).

Step3



Press \bar{y} to select (program guide) and press . The program schedule by time is displayed. of each broadcasting station
Program information if the program name is displayed on the line is being received correctly.



If the program information is not displayed, follow the above points.
Check points 1 to 5 again
to receive the program information again.

Manually set channels

Channel settings are automatically set in "Preparation 7 Easy setting".
However, in the case of CATV (cable television), etc., reception
There may be a discrepancy between the settings of the displayed channel and the displayed channel.
I will. In such cases, change the channel settings manually.
please.

Change the receiving channel setting

Step1



Press the Home button to display the home menu, then press
with \bar{y} Select (Settings).

Step2



Select [TV Settings] with \bar{y} and press .

Step3



Select [Manual Channel Settings] and press .

Step4



Use $\overline{y\grave{y}}$ to select the line where you want to register the channel.

決定 Press.

The line number displayed on the screen remains the same. or the display order of the channels.

Also, the number in this line is the same as the remote control

The channel used when selecting a channel with the number buttons channel number.

For example, register the receiving channel "8" on the 5th line.

If you record, when you press "5" on the remote control,

The program of receiving channel "8" is displayed.



If you set the receive channel "8" on the 5th line



When "5" on the remote control is pressed, the program of receiving channel "8" is displayed.

Step5



Select the receiving channel with $\overline{y\grave{y}}$ and register with $\overline{y\grave{y}}$. select the desired channel.

決定 Press.

This completes the channel settings.

Continue to "Setting the guide channel"

Proceed to Step4.

Step6

Setting the guide channel

A guide channel is an identification number for displaying a program guide.

vinegar. Wrong guide channel set for each channel

is set, when the program guide is displayed, the

Program information may not be displayed.

Here, the reception channel "35" is the guide channel of Hokkaido TV.

Follow along with an example when setting up a tunnel.

Step1



ホーム to display the home menu, then press with $\overline{y\grave{y}}$ **設定** Select (Settings).

Step2



Select [TV Settings] with $\overline{y\grave{y}}$ and press **決定**

Step3



Select [Manual Channel Settings] and press .

Step8

Press when the settings are complete.

This completes the guide channel settings.

Step4



Use $\overline{\text{y}}$ to select the line where the wrong guide channel is set and press . Select the 4th line where Hokkaido TV is set. select.

Step5

area	Broadcasting station name	guide channel
Hokkaido	NHK General	336
	Hokkaido Broadcasting	257
	Hokkaido Television	291
	Television Hokkaido	273
	NHK Education	346
	Sapporo Television	261
	Hokkaido Cultural Broadcasting	283

Search for the guide channel of the broadcasting station you are receiving from the "List of guide channels" (page 26) . Hokkaido TV's guide channel is "291" will be

Step6



Select the guide channel field with $\overline{\text{y}}$, and Select the guide channel found in Step 5 with $\overline{\text{y}}$. Enter "291" in the guide channel field.

Step7

決定 Press.

List of guide channels

Area Broadcasting	station name	guide cha tunnel
Hokkaido NHK synthesis		336
	NHK Educational	346
	Hokkaido Broadcasting *	257
	Hokkaido Television	291
	Television Hokkaido	273
	Sapporo Television	261
	Hokkaido Cultural Broadcasting	283
Aomori NHK synthesis		592
	NHK Educational	602
	Aomori	513
	Broadcasting Aomori	294
	Television * Aomori Asahi Broadcasting	290
Iwate NHK synthesis		848
	NHK Educational	858
	Iwate Broadcast *	262
	Television Iwate Iwate	547
	Menkai Television Iwate Asahi	289
Television	276	
Miyagi	NHK synthesis	1104
	NHK Education	1114
	Tohoku Broadcasting	769
	Sendai Broadcasting	268
	Miyagi Television East	546
	Japan Broadcasting	288
Akita NHK synthesis		1360
	NHK Education	1370
	Akita	267
	Broadcasting Akita	293
	Television * Akita Asahi Broadcasting	287
Yamagata	NHK synthesis	1616
	NHK Educational	1626
	Yamagata	266
	Broadcasting	550
	Yamagata Television Television	292
	You Yamagata * Sakurambo Television	286
Fukushima NHK synthesis		1872
	NHK Educational	1882
	Fukushima Television	523
	Fukushima Central Television	545
	Fukushima Broadcasting	803
	Television You Fukushima *	543
Ibaraki NHK General Tochigi NHK		2128
	Education Gunma Nippon Television	2138
	Saitama TBS Television Chiba Fuji	260
	Television Tokyo TV Asahi Kanagawa TV Tokyo	518
		264
		522
	524	
Tochigi TV Gunma TV	535	
Saitama TV Chiba TV	304	
Tokyo Metropolitan tvk	806	
	302	
	270	
	298	
Yamanashi	NHK synthesis	2896
	NHK Educational	2906
	Yamanashi	773
	Broadcasting Television Yamanashi *	549
Nagano NHK synthesis		2640
	NHK Educational	2650
	Shinetsu Broadcasting *	779
	Nagano Broadcasting	1062
	Television Shinshu	542
Nagano Asahi Broadcasting	532	
Niigata NHK synthesis		2384
	NHK Educational	2394
	Niigata Broadcasting *	517
	Niigata General Television	1059
	TV Niigata Niigata	285
TV 21	277	

Area Broadcasting	station name	guide cha tunnel
Toyama	NHK synthesis	3152
	NHK Education	3162
	Kitanihon	1025
	Broadcasting	802
	Toyama Television Tulip Television *	544
Ishikawa NHK synthesis		3408
	NHK Educational	3418
	Hokuriku Broadcasting *	774
	Ishikawa Television	805
	Television Kanazawa	801
Hokuriku Asahi Broadcasting	281	
Fukui NHK synthesis		3664
	NHK Educational	3674
	Fukui Broadcasting	1035
	Fukui Television *	295
Shizuoka	NHK synthesis	3920
	NHK Education	3930
	Shizuoka Broadcast *	1291
	TV Shizuoka Shizuoka	1315
	Asahi Television Shizuoka	1057
Daiichi Television	799	
Gifu	NHK General	4176
	NHK Kyoiku Mie	4186
	Chubu Nippon Broadcasting Tokai Television Nagoya	1029
	Television Chukyo Television	1281
	Gifu Broadcasting Television	1547
Aichi	Aichi Mie Television	1571
		1061
		537
		1313
		4432
Shiga NHK General Kyoto NHK	Education Osaka Mainichi Broadcasting	4442
	Hyogo Asahi Broadcasting Nara Kansai	516
	Television Wakayama Yomiuri Television	1030
	Biwako Broadcasting Kyoto Television	520
	Television Osaka Sun Television Nara	778
Tottori NHK synthesis	Television Television	798
	Wakayama	1058
		275
		548
		311
	1054	
Shimane	NHK synthesis	4944
	NHK Educational	4954
	Sanin Broadcasting *	1034
	Sanin Chuo Television	1314
	Nihonkai Television	1537
Okayama	NHK synthesis	5200
	NHK Education	5210
	Sanyo Broadcast	1803
	Okayama Broadcasting	1827
	TV Setouchi West Japan	279
	Broadcasting	265
Seto Inland Sea Broadcasting	1569	
Hiroshima NHK synthesis		5456
	NHK Educational	5466
	Chugoku Broadcasting	772
	* Hiroshima Television	780
	Hiroshima Home Television	2083
	Television Shin-Hiroshima	1055
Yamaguchi	NHK Comprehensive	5712
	NHK Educational	5722
	Yamaguchi	2059
	Broadcasting TV Yamaguchi	1318
	* Yamaguchi Asahi Broadcasting	284

Area Broadcasting	station name	guide cha tunnel
Tokushima	NHK General NHK	5968
	Education Shikoku	5978
	Broadcasting	1793
	Mainichi Broadcasting *	516
	Asahi Broadcasting	1030
	Kansai Television	520
Kagawa	NHK synthesis	6224
	NHK Education	6234
	Setonaikai Broadcasting	1569
	West Japan	265
	Broadcasting Sanyo	1803
	Broadcasting Okayama	1827
Broadcasting TV Setouchi	279	
Ehime	NHK synthesis	6480
	NHK Educational	6490
	Nankai	1290
	Broadcasting	1317
	Television Ehime Ai	541
Television * Ehime Asahi Television	793	
Kochi	NHK synthesis	6736
	NHK Educational	6746
	Kochi Broadcasting	776
	TV Kochi * Kochi-san TV	1574
		296
Fukuoka	NHK synthesis	6992
	NHK Education	7002
	RKB Mainichi Broadcasting *	1028
	Kyushu Asahi Broadcasting TV	2049
	West Japan Fukuoka Broadcasting	521
		1573
QST	531	
Saga NHK synthesis		7760
	NHK Education	7770
	Saga TV Kumamoto	804
	Broadcasting * Fukuoka	2315
	Broadcasting	1573
	QST	531
RKB Mainichi Broadcasting *	1028	
Kyushu Asahi Broadcasting	2049	
Nagasaki	NHK synthesis	7248
	NHK Education	7258
	Nagasaki Broadcast *	1285
	Television Nagasaki	1829
	Nagasaki Cultural	539
Broadcasting Nagasaki International Television	1049	
Kumamoto	NHK synthesis	7504
	NHK Educational	7514
	Kumamoto Broadcasting	2315
	TV Kumamoto Kumamoto	1570
	Prefectural Television	278
Kumamoto Asahi Broadcasting	528	
Oita	NHK synthesis	8016
	NHK Educational	8026
	Oita Broadcast * TV	1541
	Oita Oita Asahi	1060
Broadcasting	280	
Miyazaki	NHK synthesis	8272
	NHK Educational	8282
	Miyazaki Broadcast *	1546
	Television Miyazaki	2339
Kagoshima NHK synthesis		8528
	NHK Education	8538
	South Japan Broadcasting	2305
	* Kagoshima Television	1830
	Kagoshima Broadcasting	800
Kagoshima Yomiuri Television	1310	
Okinawa NHK synthesis		8784
	NHK Educational	8794
	Ryukyu Broadcasting *	1802
	Okinawa Television	1032
	Ryukyu Asahi Broadcasting	540

* Program information in the program guide is being sent from broadcasting stations (host stations) marked with "*" (as of March 2005).

get ready for the game

Use the following accessories (sold separately) before enjoying games on this unit.
Please to mind.

"PSX" dedicated analog controller (DESR-10)



Connect to the controller terminal 1 terminal on the rear panel of the unit. Some games only work with certain terminals. For details, please refer to the instruction manual that comes with the game software.

back of the unit



"PlayStation 2" dedicated memory card (8MB) or memory card (this unit supports both cards.)

This unit does not support "PocketStation".



Memory card for PlayStation 2 (8MB)



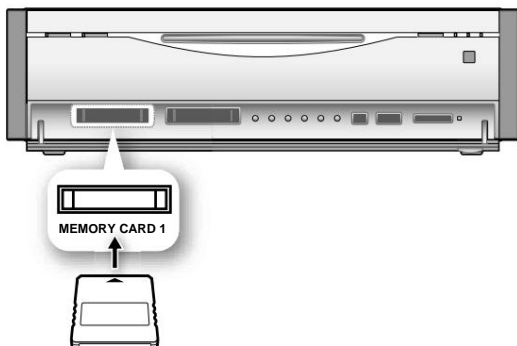
memory card



"PocketStation"

MEMORY CARD1 or
Insert it into MEMORY CARD2.

Front of the machine



"PlayStation 2" dedicated memory card About (8MB)

You can save or load game data for "PlayStation 2" format software.

To check, copy, or delete game data, use the game's "Options" Function description" (page 121).

Approximately 8MB of game data can be saved on a single "PlayStation 2" dedicated memory card.

However, only the amount of space used for file management information is available. capacity may be reduced.

About memory cards

You can save or load game data for "PlayStation" standard software.

To check, copy, or delete game data, use the game's "Options" Function description" (page 121).

120KB (15 blocks) game per memory card
Data can be saved.

Game data from "PlayStation 2" format software cannot be copied to a memory card.

About saving game data

"PlayStation 2" dedicated memory card (8MB) or game data that requires more space than the memory card's free space.

Even if I try to save, I can't save. before playing the game
Check the space required to save data and the free space on the card.
please. The space required for saving data is

Please refer to the manual that comes with the .

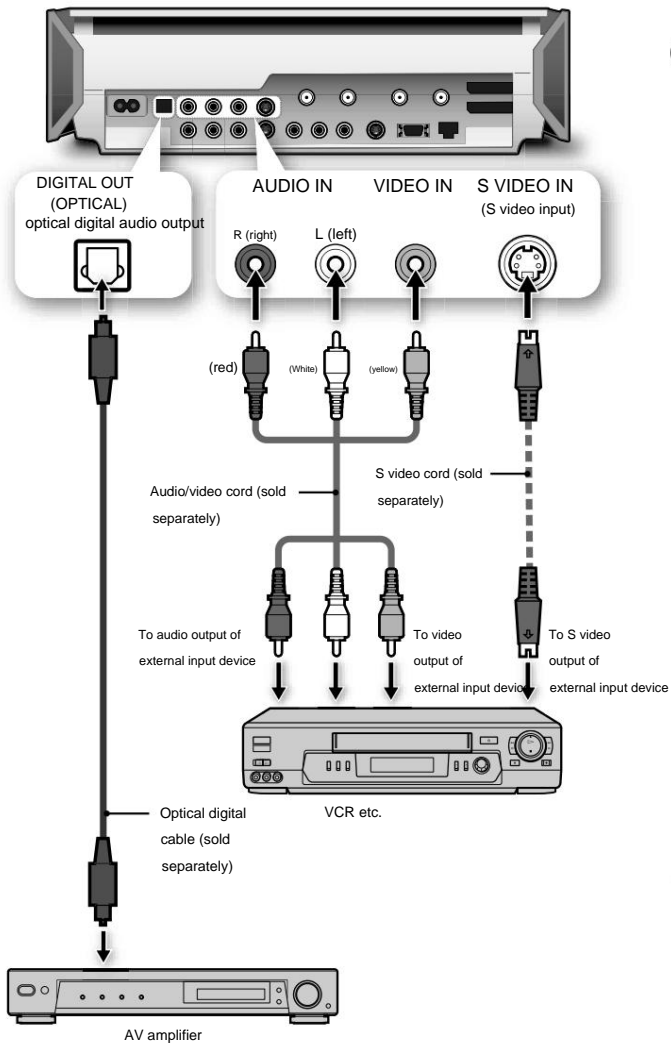
Connect external equipment

See page 32 for caution

Connecting to the video input, S-video input, or optical digital audio output terminal

External input devices such as video and digital tuners, AV amplifiers
Connect an external output device such as a to the rear of the unit.

back of the unit



To view the connected external input device, press $\overline{\text{TV}}$ to select (External Input 2) from (TV) on 1) or see LINE2 the home menu . 決定
"Enjoying TV" (page 50) for details.

To set the guide channel for external input If you connect an external tuner, etc. to this unit.
You can set a guide channel for
For details, see "Setting the guide channel for the external input" (page 128).
J).

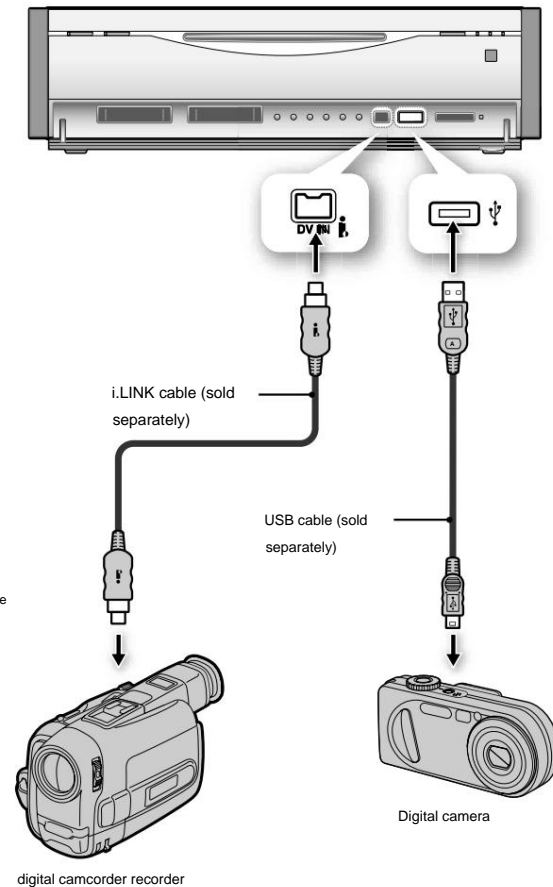
When connecting an external input device with an S-video cable , select "S-video" in " Setting the terminal for inputting external video" in "Video settings " (page 128).

Connecting to the DV input or USB terminal

Do not place a digital video camera recorder or digital camera in front of the unit.
connect to the face.

When connecting a USB cable to the USB port,
Be sure to check the top and bottom of the terminals before connecting.
If you try to connect it by mistake, it may cause the unit to malfunction.

Front of the machine



To view the connected DV device (DESR-7700 only)
Select (DV) from (TV) in the press menu $\overline{\text{TV}}$ and 決定
For details, see "Enjoying TV" (page 50).

To dub images from the connected digital video camera recorder to the hard disk of this unit (DESR-7700 only) Press $\overline{\text{TV}}$ to select (Video) -> HDD Dubbing from the Home menu. 決定 "Automatic DV dubbing" (page 83).
from a device connected to the DV terminal to this unit (Automatic DV dubbing)" (page 83).

stomach.
For i.LINK, see page 142.

To view pictures from a connected digital camera



will be displayed.

1 Press \bar{y} to select  from (photo)  (Digital camera) and press \bar{y} .

2 Select the folder you want to display with \bar{y} and press \bar{y} .

3 Select the photo you want to view with \bar{y} and press \bar{y} .

For details, see "Playing back photos" (page 106). This unit is compatible with Sony digital cameras. connected to the unit.

See below for the types of Sony digital cameras that can be connected.

Please check the homepage.

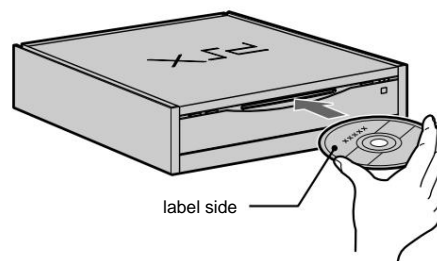
<http://www.sony.co.jp/SonyDrive/>

How to handle discs and "Memory Stick"

See page 32 for caution

Inserting a disc

insert a disc



Display the label side of the disc (the side on which titles, etc. are printed), facing toward the disc slot.

Insert it straight along the direction of the arrow in the figure above.

Do not play DVDs or game discs on the market while the power is off.

When you insert a disc, the power turns on automatically and the disc is played.

Insert a commercially available DVD video or disc other than a game disc

Then just power on.

When inserting an 8cm disc, this unit can

play it without using an 8cm disc adapter.

Align the disc with the center of the disc insertion slot and insert it straight.

please give me.

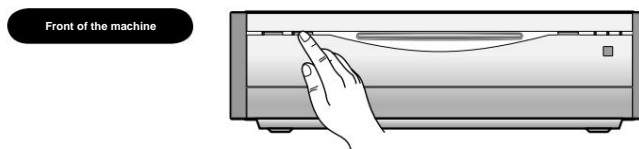
If you attach an adapter to an 8cm disc and insert it into the unit, it may malfunction.

will cause

Ejecting the disc Pressing \bar{y}

(eject button) on this unit automatically ejects the disc.

increase.



When the disc cannot be ejected by pressing the \bar{y} (eject) button

Please contact the Customer Service Center (back cover).

Inserting a "Memory Stick"

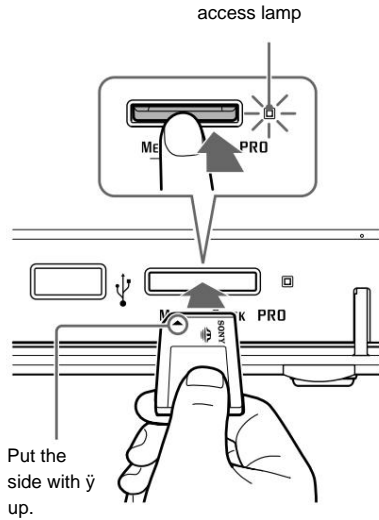
Insert the "Memory Stick"

Check the direction of \ddot{y} on the "Memory Stick" and

Firmly insert the STICK into the slot.

When you push it inward, the access lamp lights up and goes out.

Prepare



When using a "Memory Stick Duo"

Insert Memory Stick Duo into "Memory Stick Duo"

After attaching the adapter, insert the MEMORY STICK slot of this unit please put it in

メモリスティック
デュオ アダプター



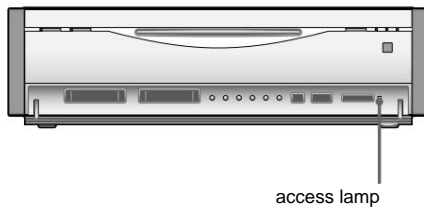
"メモリスティック
デュオ" (別売り)



◀ マークの方向に差し込む

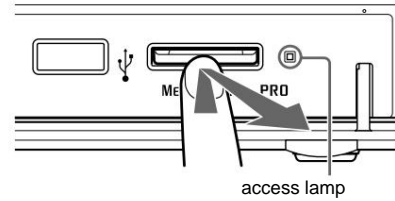
Eject the "Memory Stick"

Step1



Make sure the access lamp is not lit.
admit.

Step2



Slowly push the "Memory Stick"

Put it in and take it out.

The "Memory Stick" or "Memory Stick" connector may be damaged in the following cases.

pull out the do.

- Forcibly pull out the "Memory Stick".
- Do not insert anything other than a "Memory Stick" into the "Memory Stick" insertion slot. Put in foreign objects.
- Forcibly insert the "Memory Stick" upside down.
- Remove when the orange access lamp is flashing.

About "Memory Stick"

The "Memory Stick" comes in standard size and its smaller size.

There is a "Memory Stick Duo" by Izu. "memory

"Stick Duo" to the Memory Stick Duo Adapter

When inserted into a memory stick, it is the same size as a standard-sized "Memory Stick". even with a standard size "Memory Stick" compatible device.

You can use it. In addition, "Memo" that can handle large amounts of data Memory Stick PRO", "Memory Stick PRO Duo" are also available.

Types of "Memory Stick" that can be used with this unit

Types of "Memory Stick" "Memory	Compatible with this
Stick" "Memory Stick Duo" "Memory Stick (MagicGate)" • "Memory Stick Duo (MagicGate)" "MagicGate Memory Stick" • "MagicGate Memory Stick Duo"	• \ddot{y} (Adapter required)
	\ddot{y} (adapter required)
	\ddot{y} (adapter required)
"Memory Stick PRO" "Memory Stick PRO Duo"	• \ddot{y} (adapter required)

• For high-speed data transfer using the parallel interface
It does not correspond.

• Data recording/playback that requires the MagicGate function cannot be performed.

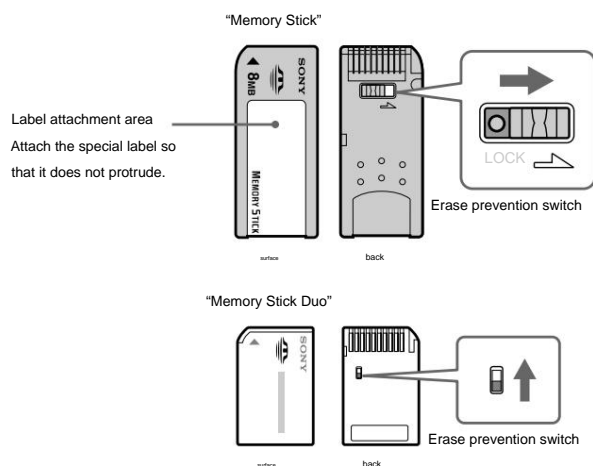
Hmm.

This unit works with Sony "Memory Sticks" up to 1GB.

I am checking. However, all "Memory Stick"

operation is not guaranteed. (as of March 2005)

Protecting videos, music, photos, etc. recorded on a "Memory Stick" from being erased



Slide the accidental erasure prevention switch to

"LOCK". Some

memory sticks have an accidental erasure prevention switch.

Some are not.

Compensation for contents recorded on a "Memory Stick"

The data recorded on the "Memory Stick" has been destroyed.

Please forgive us for compensation for the contents of the case. important day

We recommend that you keep a backup.

Still image and movie files may be destroyed in the following cases:

•Ejecting the "Memory Stick" or disconnecting the power cord while still image or movie files are being loaded (while the access lamp is lit).

•When used in a location subject to static electricity or electrical noise

Formatting a "Memory Stick"

Using a "Memory Stick" with data already written

Formatting will erase that data. mistakenly large

Be careful not to erase important data.

Notes on "Connection and Preparation"

Notes on "Preparation 2 : Connect the Antenna"

•Component video input (Y/PB/PR) for high-definition is not supported.

If you connect this unit to a TV that supports progressive (525p) format and output progressively, if problems such as image distortion occur, we recommend viewing in regular TV (interlaced) format. To do. For details on the progressive method, see "Setting progressive output" (page 131).

For information on connecting this unit to a TV, contact the Customer Service Center (back cover).

- This unit can only record video output with 525i (480i) standard TV broadcast signals. High-definition signals cannot be recorded.
- To prevent image distortion, do not place a TV directly on top of this unit. please leave
- Keep the antenna wire as short as possible and keep it away from the unit. In particular, feeder lines are more susceptible to noise radio waves than coaxial cables, so keep them as far away from the unit as possible.
- In the following cases, BS cannot be received or reception conditions are poor. This is not a malfunction.
 - The area where you live or where the broadcasting satellite company that transmits BS is located
 - When the area is experiencing bad weather such as thunderstorms or strong winds
 - When the BS antenna is covered with snow
 - When the direction of the antenna changes due to strong wind, etc. Please adjust your)

Notes on "Preparation 4 Preparing the remote control"

When using the remote control, do not expose the remote control sensor to direct sunlight or lighting sources.

Please be careful not to expose it to strong light such as tools. remote control

You may not be able to operate it with the

Notes on "Setting to operate TVs of other companies"•Depending on the TV, operation may not be possible even if the manufacturer's registration number is set, or some buttons may not be available.

•If you enter a new manufacturer registration number, the

The manufacturer's registration number will disappear.

•When the batteries in the remote control are replaced, the manufacturer's registration number may automatically return to the default setting. In that case, enter the manufacturer registration number again.

Notes on "Connecting external devices"

Notes on "Connecting to the **video input, S-video input, or optical digital audio output terminal**" •Audio from discs recorded in Dolby Digital or DTS format cannot be digitally recorded as-is on an MD deck or DAT deck .

- Some "PlayStation 2" format software does not support audio output from the DIGITAL OUT (OPTICAL) terminal. no sound is output. To enjoy the sound of such software, you need to connect this unit and your audio equipment with the supplied audio cord.

Notes on "Connecting to the DV input or USB terminal" Digital

cameras made by other companies and storage media via USB cannot be used with this unit.

is not supported.

Notes on " How to handle discs and "Memory Stick""

Precautions for handling the disc•Please hold the disc so that you do not touch the playback or recording surface.

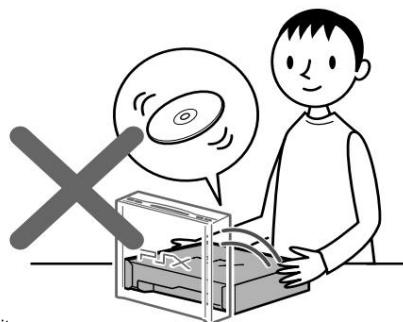


- Places with high temperature such as direct sunlight or high humidity
Do not put it in an unclean place.
- Keep the disc in its case.
- Always keep discs clean. Fingerprints and dust on the disc can cause distorted images and poor sound quality.
- When wiping a disc, use a soft cloth to gently wipe it from the center of the disc to the outside. If it is very dirty, wipe it with a soft cloth slightly moistened with water, and then wipe off the water with a dry cloth.
- Do not use benzine, record cleaners, anti-static agents, etc.
Please do not use it as it may damage the risk.
- Do not write on the disc with a pencil or ballpoint pen.
please.
- Using the following types of discs may cause the unit to malfunction.
may occur.
 - Discs with paper or stickers attached - Adhesive such as cellophane tape or rental disc labels
 - Discs with traces of being ejected or peeled off
 - specially shaped discs;



- Insert the disc slowly. Doing so may cause the unit to malfunction.
- Never move this unit with a disc inserted.

If you move the camcorder while the \bar{y} (eject) lamp is lit, the disc may get scratched. Be sure to remove the disc before changing the orientation of the unit (vertical or horizontal).



When adjusting the

volume, discs are much quieter than records.

vinegar. A portion without sound, such as when playing a record

If you adjust the volume while listening to background noise, an unexpectedly loud sound is produced.

may damage the speaker.

Always turn down the volume before starting playback.

Notes on handling the "Memory Stick" • When carrying or storing the "Memory Stick", put it in the storage case provided.

- Do not touch the terminals of the "Memory Stick" or touch metal objects.
please don't
- Do not give a strong impact or bend it.
- Do not drop it.
- Do not disassemble or modify the product.
- Do not get it wet.
- Do not store in a hot place such as in a hot car or under the scorching sun.
please don't
- Do not store in direct sunlight.
- Do not store in places with high humidity or corrosive substances.
please give me.
- When removing the "Memory Stick", do not flick it sideways with your finger. It may get into your eyes and cause injury.
- When using a "Memory Stick Duo" with your camcorder, be sure to insert the "Memory Stick Duo" into the Memory Stick Duo Adaptor.
If the "Memory Stick Duo" is inserted without the "Memory Stick Duo Adapter" attached, it may become impossible to remove the "Memory Stick Duo".

- When inserting the “Memory Stick Duo” into the Memory Stick Duo Adaptor, make sure it is inserted in the correct direction. Please note that using it in the wrong way may cause damage to the equipment.
- Do not insert a “Memory Stick Duo” into a “Memory Stick” compliant device without the Memory Stick Duo Adapter attached. Using it in this way may cause the device to malfunction.



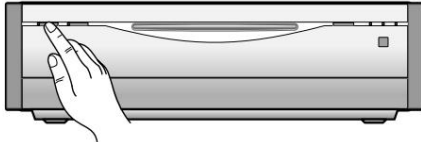
Prepare

Getting Started with PSX

Turn on the power

Press the \bar{y}/\bar{y} (power) switch on the main unit or the power button on the remote control.
push.

Front of the machine



When the power is turned on, the screen changes in the following order.



After a while, a blue mark will appear on the upper right of the screen.



The TV channel that was displayed when the power was last turned off is displayed, and after a while the blue mark at the top right of the screen disappears.



Press to display the home menu, and use the unit to

please give me.

To turn off the power ,

press the \bar{y}/\bar{y} (power) switch on the main unit. After pressing the \bar{y}/\bar{y} (power) switch, it takes several seconds for the unit to turn off. Do not press the \bar{y}/\bar{y} (power) switch continuously as this may cause malfunction .

Basic operation

P
S

This unit can be operated using only the following remote control buttons.

Press Step 1

Step 2 Select a category with \ddot{y}

Δ button

- Option menu
Press when you want to display increase.
- Display the operation panel.
Press when you want.

home button

- Show home menu
Press when you want

\bigcirc /Enter button

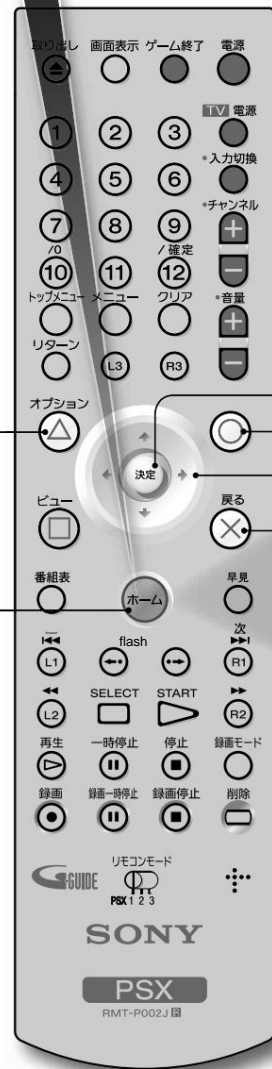
- Item selected on the menu
Press to confirm

\ddot{y} / \ddot{y} / \ddot{y} /Enter button

- Select an item on the menu
Used when making a selection.
- In the wizard menu
When switching screens
Use for

\times button

- When stopping playback
Use.
- Return to the previous menu
Press when



For descriptions of other buttons on the remote control, see
See "Part names" (page 152).

Select **3** the content or function with **Step 3** and press .



Vertical axis: content

Contents and functions that can be selected in each category



tv set

- Watch TV programs. (page 50)
- Make a recording reservation using the program guide. (page 55)
- Record the TV program you are watching. (page 57)



video

- Specify the date and time and make a reservation for recording. (page 61)
- Play DVDs and recorded videos. (page 52)
- Automatically record with preset keywords (x-Oma Kase Maru record). (page 66)
- Edit the recorded video. (page 71)
- Dubbing recorded video to DVD or "Memory Stick" to (pages 76, 81)
- A digital video camera recorder connected to the DV IN terminal to this unit (Automatic DV dubbing) (DESR-7700 only). (page 83)



Music

- Play songs recorded on a CD or CD-R. (page 93)
- Save songs to the hard disk of this unit. (page 94)
- Perform using songs saved on this unit (x-DJ). (page 97)



photo

- Save to a "memory stick", digital camera, or CD-R
- Play back photos and videos that have been recorded. (page 106)
- Save photos and videos on the hard disk of the unit. (page 108)
- Create a photo work using photos saved on the device (x-Pict Story). (page 109)



game

- Play games on "PlayStation" or "PlayStation 2". (page 118)

Introduction of main menu screens

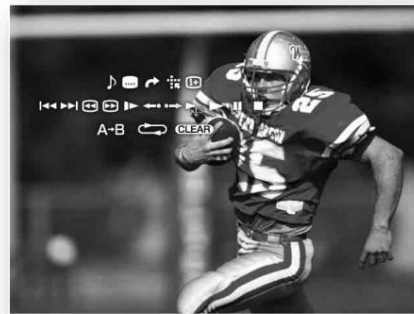
Option menu screen



displayed on the home menu with $\text{y\ddot{y}y\ddot{y}}$ for content, discs and folders that This is used when you want to operate by Basic operation of this menu Select the function you want to use with $\text{y\ddot{y}}$ and press .

vinegar.

Operation panel screen



Use when you want to operate the content being played To do. Basic operation of this menu Select the function you want to use with $\text{y\ddot{y}y\ddot{y}}$ and press To do.

Wizard menu screen



Used for dubbing and setting the unit. Basic operation of this menu Follow the on-screen instructions to select and set items, Press y to go to the next page.

Program guide screen



Used when making reservations for recording TV programs, etc. To do. For details on how to operate, see "Using the program guide" on page 39.

Use program guide

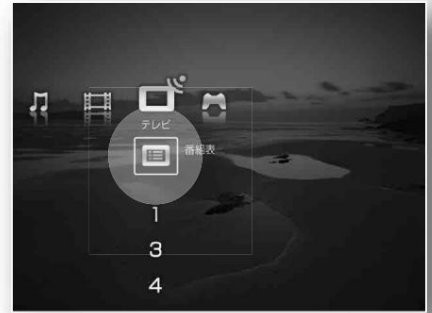
See page 49 for caution.

A program guide (G-guide) is a list of programs displayed on the TV screen, such as those published in the TV section of newspapers and magazines.


You can make recording reservations by simply selecting the program you want to watch from the program guide.

How to display the program guide

Step 1



on the home menu  from (TV)

 Select (program guide) and press .

Press the program guide button on the remote control to display the program guide

can also be displayed.

To exit the program

guide, press or (Home) while the program guide is displayed.

Types of program guide screens

This unit has four types of program listings and topics.



Hourly list of TV programs from each broadcasting station display.



A list of programs broadcast by each station By genre such as sports or drama display.



Display a list of TV programs by station. increase.



Search by preset keywords Shows a list of selected programs. How to use the program guide by keyword For details, see "Using the keyword-based program guide" (page 42).

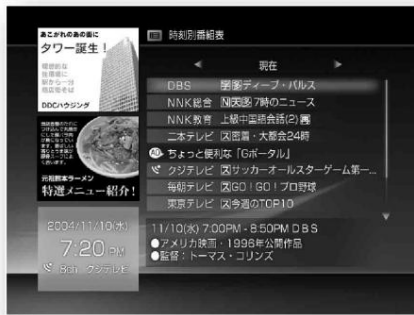
Topics

Announcements from broadcasting stations, useful information, etc. It is displayed. Display contents regularly will be updated.

Switching the type of program guide

To switch using the option menu of the program guide

Step1



Press the **Option** button to display the program guide list. The program guide is displayed.

Step2



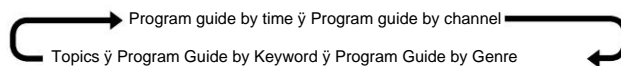
Press the **Option** button to select the program list you want to switch to, and press **Enter** to push.

To switch using the program guide button on the remote control

While the program guide is displayed, press the program guide button on the remote control.

Repeatedly pressing the button cycles through the following types of listings:

You can switch in the order below.



Each part name of the program guide screen

How to read the program guide screen



Time (or station name, genre, keyword) field

Press **Time** to select the time, station, genre, or key you want to display. You can choose words.

Panel advertisement screen

If you select an advertisement screen, the details of the advertisement will be displayed.

Current date and

time Explanation of icons

- **White** the broadcast displayed on the unit immediately before displaying the program guide. Displays the station name and channel.

Broadcast start date/time or station and program name

Programs scheduled to be broadcast in the selected station, time, or genre/subgenre, and text advertisements for the station (time-based program guide only) are displayed. You can select a program with **Time**.

The following icons are displayed:

Icon description

- **White** (clock): Displayed for programs with scheduled recording will be
- **Red** (red circle): Displayed for the program being recorded.
- **Red** (line): Displayed when another program whose broadcast time overlaps is being recorded (including x- Omakase and Maru-Roku).
- **White** (line): Displayed when another program with overlapping broadcasting time is reserved for recording. However, it will not be displayed even if it overlaps with the reservation of x-Omakase/ Maruku.
- **White** (square): Advertisement (time-based program guide screen only).
- **White** (circle): the broadcast displayed on the unit immediately before displaying the program guide. Displays the station name and channel.

Program

description Displays the description of the selected program.

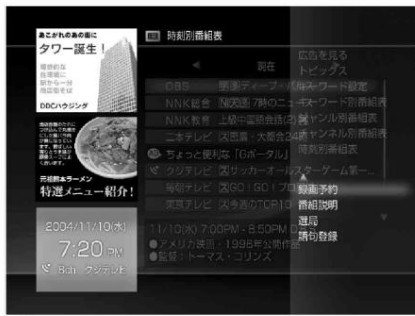
Using the program guide function

The function of the program guide is used from the option screen of the program guide.

Step1

Select a program on the program guide screen and press . The option screen of the program guide is displayed.

Step2



Select the function you want to use with \odot and press .

The following optional functions can be used in the program guide of this unit.

I can do it.

Functions that can be used in the option of the program guide

Function name	Select and press
see ads	Display detailed content of the advertisement.
Topics	Display the topics screen.
Keyword setting	Keywords can be set for keyword-based program listings.
Program guide by keyword	Switches to the program guide by keyword.
Program guide by genre	Switches to the program guide by genre. You can select a sub-genre.
You can select more detailed genres than sub-genre selection . This can be selected only when the program guide by genre is displayed.	
Program guide by channel	Switches to the program guide by channel.
Program schedule by time	Switches to the timed program guide.
Recording reservation	Schedule recording of the selected program.
Program description	Displays a detailed description of the selected program.
Tuning	The channel of the selected program is displayed.
Phrases registration	You can register frequently used phrases included in program guides etc. in the phrase list in advance.

Using the keyword-based program guide

If you use the keyword-based program guide, you can

Only programs that match the word are extracted and displayed.

Here, how to register keywords and registered keywords

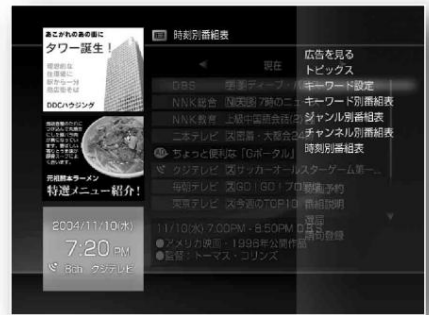
This section explains how to select a program and schedule recording using it.

Step1



Press white viewing the program guide.

Step2



Select [Set Keyword] with \odot and press .

Step3



Select an empty field with \odot and press .

Step4



Enter keywords with the on-screen keyboard

be.

For keyboard input methods, see page 44 .

When keyboard input is complete, the keyword

to return to the mode setting screen.

Step5



Press while viewing the program .


Step6



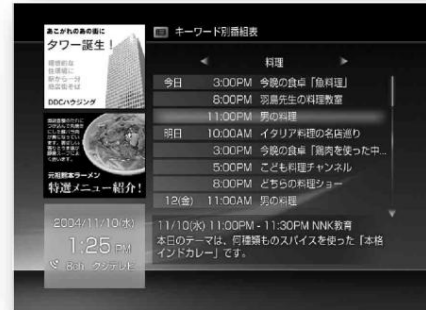
Select [Program Guide by Keyword] with  and  push.


Step7




Select the keyword you want to search with .

Step8



Select a program with  and press .

 Press to schedule recording of the selected program. can do. For details, see "Scheduling a recording" on page 59.

Check the character input method

You can enter characters using the keyboard displayed on the screen of this machine. Different keyboards are used depending on the characters to be entered. Switch the keyboard according to the character you want to enter.

P
S

enter characters

As an example, I will explain how to enter "Sunday drama".

Step1



Press Δ to select "かな" on the keyboard and press Δ push.

followed by ``chi'', ``yo'', ``u'', ``to'', ``'', ``ra'', Enter "ma". If you make a mistake, press [BS] Press Δ Select.

Step2



Δ Press.

Converts to "Sunday drama". other conversions Press again to select the Δ complement.

Press to confirm Δ

Step3



Press $\Delta\Delta\Delta\Delta$ to select [Done] on the keyboard. Δ Press.
 "Sunday drama" is registered as the name.

To delete characters

Step1

Press $\Delta\Delta\Delta\Delta$ to select [y] or [Y] on the keyboard, then Δ Press.
 Move the character to the right.

Step2

Press $\Delta\Delta\Delta\Delta$ to select [BS] on the keyboard. Δ Press.

Switch keyboard type

If you press the L1 button on the remote while the keyboard is displayed, Hiragana Gana input keyboard Δ Katakana input keyboard Δ Alphabet Input keyboard Δ Symbol input screen Δ Hiragana input key Switches in board order.

Hiragana input keyboard



To enter a small character such as

Δ , press $\Delta\Delta\Delta\Delta$ to select [Shift] on the keyboard. Typing a single small letter will cause the large letter keyboard to switch to .

To convert to kanji, etc.

Step1

Enter hiragana. Hiragana characters are displayed in reverse.

Step2



Δ twice.
 Conversion candidates are displayed.

Step3



Select the character you want to convert with **Shift** and press .

Press the L1 button on the **keyboard remote control for Katakana input** to display the following keyboard. let



Press **Shift** to select [Shift] on the keyboard **to enter a small character such as y.** Typing a single small letter will cause the large letter keyboard to switch to .

To enter half-width characters, select on the keyboard with **Shift** and press to select half-width characters.

Select again **Shift** return to double-byte.

Press the L1 button on the **keyboard remote controller for alphabet input** to display the following keyboard. let



To enter capital letters

Temporarily enter capital letters

You can enter capital letters by selecting [Shift] on the keyboard with **Shift** and pressing .

Typing a single uppercase letter switches to a lowercase keyboard. I will.

When entering capital letters continuously

Press **Shift** to select [CapsLock] on the keyboard and press to enter capital letters.

Uppercase letters are entered until you select [Caps Lock] again.

To enter double-byte characters,

select on the keyboard with **Shift** and press to select double-byte characters.

Select again **Shift** return to half-width.

To change the keyboard layout ,

select with **Shift** and press . Select again to return to the original array.



Register words

You can register phrases that appear in program guides, etc.

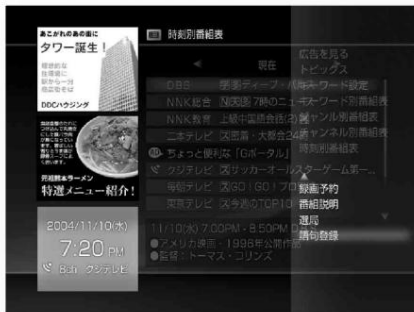
Step1



If the phrase you want to register from the program guide is

select the program you want to play and press .

Step2



Press **登録** to select [Word Registration] and press . A

keyboard is displayed, and in the character input field, select

The program information of the selected program is displayed.

Step3



Use the keyboard to enter a word or phrase that you want to register.

Delete the outside characters, and click [Complete]

Select [Finish] and press .

Step4



Select the location you want to register with **決定** and press .

To use registered phrases

Registered phrases can be used in keyword-specific program guides, x-Omakase Maru

This can be used for keyword registration of records, etc.

Step1



While the keyboard is displayed, press **見** to select

[View] and press **決定**

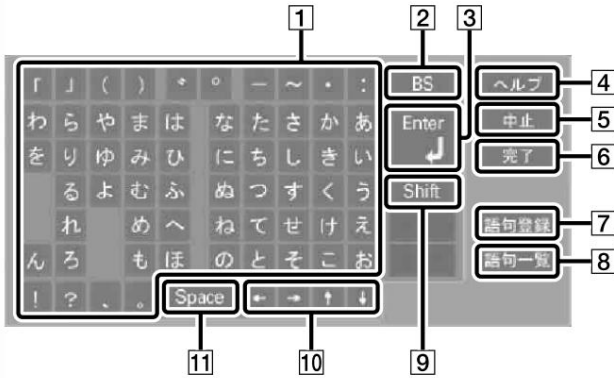
Step2



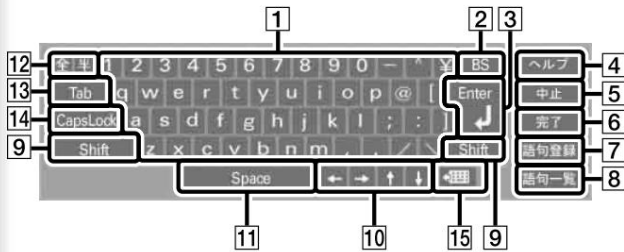
Press **見** to select the word you want to enter and press .

Name of each part of the keyboard

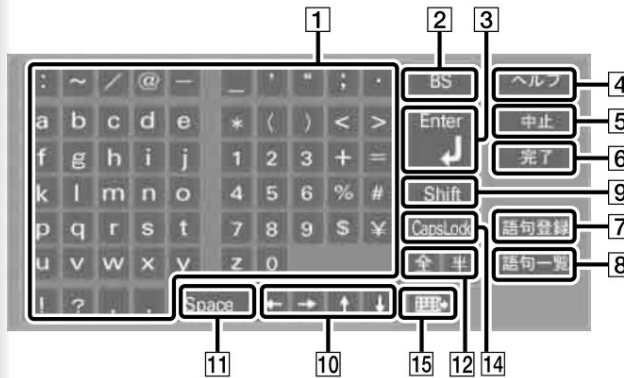
Japanese keyboard



English keyboard (Part 1)



English keyboard (Part 2)



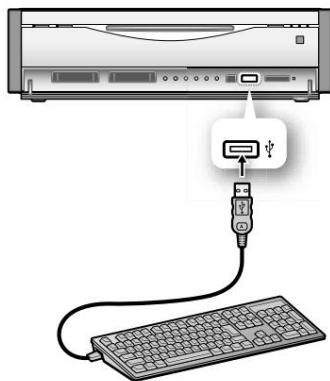
name	explanation
Character key	Enters characters.
Backspace key /delete key	Backspace key deletes one character Delete when shift key is selected Delete key is behind Delete a single character.
Enter key	Confirms the entered characters or converted characters.
Help key	Displays the keyboard help screen.
Cancel key	Cancels character input and returns to the original screen. increase.
Complete key	Returns to the original screen after character input is completed. increase.
Phrase registration key	Registers characters that are frequently entered. It is convenient to keep When editing registered words, etc., select "Register words key is not displayed.
Phrase list key	Displays a list of characters registered in Phrase registration. Select the character you want to enter from the list please When editing registered words, etc., select "Word list key is not displayed.
Shift key	Temporarily switches between uppercase and lowercase I can do it.
Cursor key	Moves the character input cursor up/down/left/right. move.
Space key	Inserts a space for one character. When entering unconverted hiragana or katakana, the sentence Perform character conversion.
Full-width/half-width key	Switch between full-width/half-width.
Tab key	we will not use it.
Caps Lock key	Switch between uppercase and lowercase.
Keyboard switch key	English keyboard, English keyboard switch between 1 and 2 of the

Connecting an external keyboard (sold separately) to enter characters

If you connect a "PlayStation 2" compatible keyboard to this unit using the USB port, you can play without using the on-screen keyboard.
, you can now enter characters.

Step1

Connect a keyboard.
Connect as shown in the diagram below.



Step2

Make keyboard settings.
Keyboard settings and characters as needed
Please set the input. Setting method
For more information, see Keyboard settings settings" (page 136) and " Setting character input" (page 135).
when.

Notes on "Introduction to PSX"

Notes on "Using the Program Guide"

- Program information in the program guide is sent several times a day from a specific broadcasting station . Therefore, it may take half a day to a day to receive the program guide after completing the simple settings (page 16).
- You may not be able to receive or update the program guide depending on the area where you live or the radio wave conditions. In that case, part or all of the program guide may be blank.
- Program contents and broadcast times may change due to the circumstances of the broadcasting station. Reservations made on this unit cannot be changed due to the circumstances of the broadcasting station.
- If you move, be sure to perform "Easy setup" again to display the optimum program guide, even if the broadcast stations you receive are the same.
- In the program guide, you can reserve programs up to 8 days ahead.
- Regardless of whether the power is on or off, the unit acquires program information when the program information acquisition time in the program guide comes. However, program information may not be obtained depending on the condition of the unit. For details, see "Points for receiving programs" (page 22) .



enjoy tv

enjoy tv

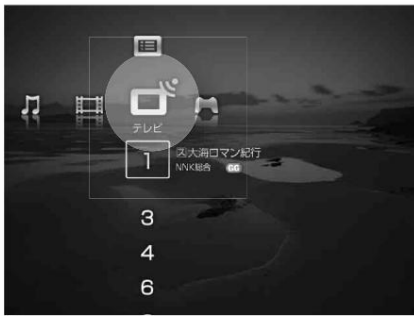
You can watch TV programs on this unit. Also, TV programs can also be recorded on the hard disk of the main unit.



Step1

Press (Home).

Step2



with Select (TV).

Step3



Select a channel with and press .

The program guide can also be displayed using the program guide button on the remote control. increase.

When you press ~ on the remote control while watching TV, the TV You can switch between channels.

is displayed for the information obtained from the G-GUIDE program information. is shown.

If you see a notification about automatic channel switching , switch channels while watching a TV program on the unit.

You may be prompted to confirm.

yes

About 20 seconds before the start of automatic recording (x-Omakase / Maru recording), the channel of the program to be recorded is automatically switched.

No

Cancel recording reservations for x-Omakase/Maruroku. Channels are not switched.

Start of a program scheduled for recording by automatic recording (x-Omakase/Maru-Roku)

Within minutes, when I was watching a program on another channel, a confirmation screen appeared.

It shows.

A confirmation screen is not displayed for manually set recording schedules.

About 20 seconds before recording starts, the channel of the program to be recorded automatically switch.



Explanation of icons that can be selected with

icon	Select an press
A TV schedule	You can select a station or schedule recording from the program guide (page 39).
Channels Shows TV programs.	
BS BS	Displays BS broadcast TV programs connected to the BS IF IN terminal . (DESR-7700 only)
LINE1 External input 1	External input terminal 1 or external input terminal 2
LINE2 External input 2	Displays images from equipment connected to the vinegar.
DV DV	Displays images from a digital video camera recorder connected to the DV IN terminal. indicate. (DESR-7700 only)

switch audio

Switching the audio of TV programs that support bilingual audio
You can

Step1



Press while the main audio is playing. The operation panel will be displayed.

Step2

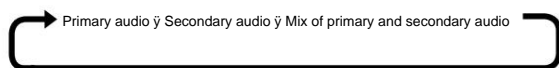
control panel



Select (Switch Audio) with \ddot{y} and press . $\text{\textcircled{決定}}$
push.

Secondary audio will be played.

If you repeatedly select (switch audio) in Step 2, the audio switches as follows.



Control the TV program you are viewing

Step1



Press while watching a TV program. The operation panel will be displayed.

Step2

control panel



Select the icon you want to use with \ddot{y} and press .
push.

The following icons can be used on the TV.

Icons that can be used on the control panel

icon	Select and press
recording	Record the program you are currently watching (page 57). $\text{\textcircled{○}}$ If you select (Record) twice in a row, The quick timer setting screen appears (page 57).
	Pause Recording Pause recording.
	Stop Recording Stops recording.
	Audio switching Change the audio of the TV program you are watching. switch.
	Screen display Switches the screen display. Check the hard disk capacity, etc. Use when

Recording, recording pause, recording stop, and screen display can be performed by pressing the \dot{y} REC button on the remote control.

button and \ddot{y} recording pause button, \ddot{y} recording stop button, screen display button But you can do the same.



tv set



enjoy the video

Playing back recorded images and DVD videos

See page 89 for caution.

You can play and enjoy videos recorded on a DVD on this unit. You can also record videos recorded on the hard disk to a DVD or media. You can also dub to "Molly Stick".

Step1



with \ddot{y} Select (Video).

Step2



Use \ddot{y} to select the video or you want to watch. Press.

If you select a video that was stopped in the middle of playback in Step 2, playback will resume from the next scene.

Explanation of icons that can be selected with

icon	Select an press
DV \ddot{y} HDD dubbing	Video from the device connected to the DV IN terminal to the hard disk of this unit. log. (DESR-7700 only)
HDD \ddot{y} MS dubbing	Save the video on the hard disk as a "memo" Dubbing to a memory stick <small>vinegar.</small>
HDD \ddot{y} DVD dubbing	Hard disk video to DVD to dive
Timed reservation	Manually specify the date and time to set the recording reservation. I can do it.

icon	Select an press
x-Omakase \bullet Maruroku	Can be set to automatically record increase.
Reservation candidate list	Programs scheduled to be recorded in Maru roku You can check or change it.
picture	stored on the hard disk Play the video. displayed See the table below for the meaning of the icons. please. NEW (gold) Recorded with x-Omakase Maru-Roku In the program, especially recommended unviewed It's a listening video. NEW (green) This is a recorded video that has not been viewed. REC This is the video that is currently being recorded. Re-Rec This video is currently being optimized. Recorded with x-Omakase Maru-Roku This is the video of the program. This is a protected image. This is an image that is about to be automatically deleted. automatic For details on erasing, see "Recorded For details, see "Setting the automatic image deletion method" (page 130).

Icon displayed when a DVD is inserted

icon	Select an press
DVD Video DVD-VR DVD+VR	Play a DVD. or display the title list. <small>vinegar.</small>

If you insert a commercially available DVD video while the power is off, the power will automatically turn on, and after a while playback will start automatically.

I will.

To play a DVD-RW disc recorded in VR mode, select (DVD-VR) in Step 2 to display the title list of the video recorded on the DVD .



Select the video you want to play from the title list and press . The image will start playing.

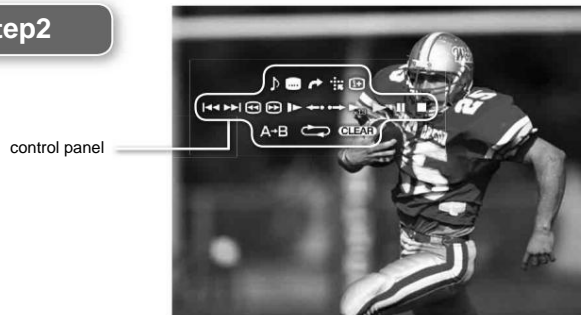


Fast-forward/fast-rewind

Step1

Press while playing a video. The operation panel will be displayed.

Step2



Select (fast forward) and press .

Rewinds or fast forwards the video.

Select the fast-forward or fast-reverse icon and repeat . Each time is pressed, the playback speed changes. increase.

If you hold down the $\overleftarrow{\overrightarrow{y}}$ button, fast forward/reverse playback will only occur while you are holding it down. In addition, the settings of the L2 and R2 buttons on the remote control If it is changed to "flash", it jumps (returns) to the scene about 15 seconds ahead (back).

To cancel fast forward or fast reverse, Select (Play) and press .



Operate the video being played

Step1

Press while playing a video. The operation panel will be displayed.

Step2



control panel

Select the icon you want to use with $\overleftarrow{\overrightarrow{y}}$ and press . You can use the following icons in your video.

Icons that can be used on the control panel

Some icons may not be displayed depending on usage conditions.

icon	Select and press
	Return Returns to the previous screen.
	Audio Switch Switches the audio of the video being played. vinegar.
	Jump or timed jump Play the video from the specified time. vinegar.
	Thumbnail registration Select and press to display The displayed image is the home menu icon.
	Screen display or time display Switches the screen display. The content displayed is the disc or image. It depends.
	Go back to the previous chapter.
	Move to the next chapter.
	Search - (Rewind) "Fast-forwarding/fast-reversing" (page 53) please look at.
	Search + (fast forward) "Fast-forwarding/fast-reversing" (page 53) please look at.
	throw Play the video slowly.
	Throw (reverse throw) Plays the video slowly in reverse direction. vinegar.

icon	Select and press
	Flash - Go back about 15 seconds and play To do.
	Flash + Skip to the scene about 15 seconds ahead To do.
	Quick playback video is played back at 1.3x speed with sound x1.3 increase.
	reproduction Play the stopped video.
	One-time stop/ one-time stop release Pause the video that is playing, Plays the paused video. vinegar.
	stop Stops the video being played.
	AB Repeat Plays the specified scene repeatedly. (see right).
	Angle switching Switching when images with different angles are recorded can do.
	Subtitle switching Switches the language displayed in subtitles. vinegar.
	Chapter jump Play the video from the specified chapter.
	Menu Displays the DVD menu.
	top menu Displays the DVD top menu. vinegar.
	clear Repeat and AB repeat settings release.
	Repeat Repeat playback. Each time the button is pressed, it switches as follows. Play the video on your hard disk when you are Title repeat y Chapter Pete y Repeat Off During DVD playback disc repeat y title repeat Pete y Chapter repeat Disc repeat cannot be selected except for DVD-ROM.
	setting Reduce image noise and sharpen contours or emphasize

To play, stop, or pause, press the y play button, y stop button,

You can also perform the same operation with the ypause button.

To set AB repeat

1 Press during video playback.

The operation panel will be displayed.

2 When the start point of the scene you want to repeat is displayed,

Select (AB repeat) and press . The

scene when is pressed is registered as the AB repeat start point. will be

3 When the end point of the scene you want to repeat is displayed,

push.

The scene when is pressed is registered as the end point of AB repeat.

will be played back repeatedly from the start point to the end point. beginning of the video and

Finally, you cannot set a start or end point.

To end playback of a commercially available DVD-Video

press .

2 Select [Yes] with yy and press .

DVD playback stops and the screen goes black once. After a while, the TV screen will be displayed.

Playing back video being recorded (chasing playback)

The video being recorded can be played back without stopping the recording.

The program being recorded can be found on the home menu. displayed in (video) will be

Step1



Press to select a program displayed from

(Video) in menu.

Press . The

program being recorded will be played from the beginning.

If you fast-forward the video, if you catch up to the scene being recorded, the Playback is canceled and the image being recorded is displayed.

record

See page 89 for caution.

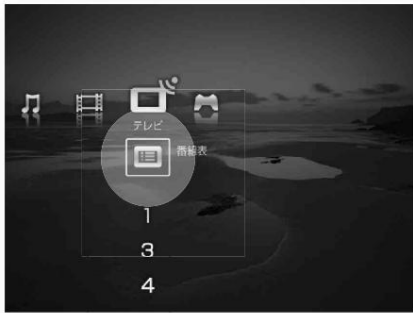
I want to record the TV program I am watching on the hard disk of this unit I use it sometimes. Video footage can be played back while recording Noh.

The unit can record continuously for up to 6 hours. recording Recording will stop automatically 6 hours after starting.

Record from program guide

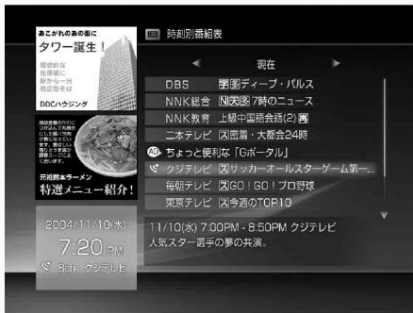
If you record from the program guide, it will automatically record when the program ends stops.

Step1



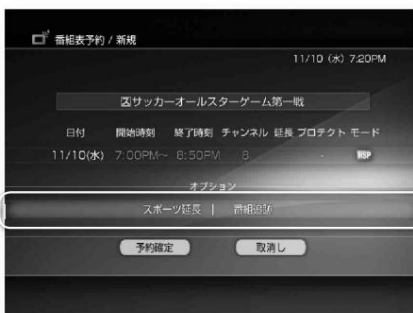
Press **yyyy** to select Home Menu. (Tele) Select (program guide) from B) and press.

Step2



Select the program you want to record with **yyyy** and press.

Step3



Option column

Select the option field with **yy** and press.

Step4



Select with **yy** and press. "Recording in conjunction with the extension of the broadcast of a sports program Extending the time" (page 63), "Broadcast time modify the recording time according to changes in Tracking Recording)" on page 64.

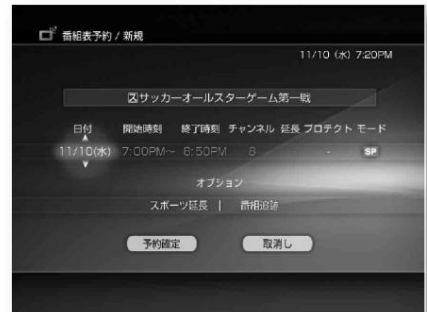
Step5



set item column

Select the setting item field with **yy** and press.

Step6



Select the item you want to change with **yy**, and Change an item.

Step7



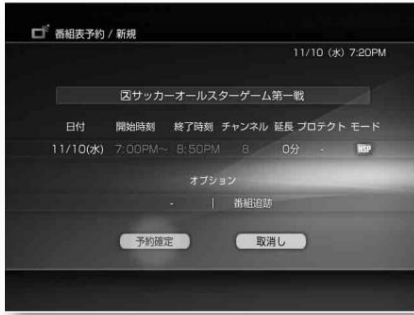
Press when all items have been set.

決定



video

Step8



Select [Confirm] with **ÿÿ** and press **.**
Recording will start.



Items that can be set in Step 4

title	explanation
option	Set up sports extensions, program tracking.

Items that can be set in Step 6

title	explanation
date	Set the date to record. Press ÿÿ repeatedly to switch as follows. Date* ÿ Weekly ÿ Daily ÿ Mon-Sat ÿ Mon-Fri ÿ Date* * The dates that can be set are limited.
start time	Set the time to start recording. It cannot be changed if program tracking is selected in the option column.
end time	Set the time to end recording. It cannot be changed if program tracking is selected in the option column.
extend	Set when you want to extend the recording. When the extension is set, recording continues even after the program ends. If you select sports extension in the option column, you cannot specify the extension time.
protect	Protect your recorded video.
mode	Sets the recording mode (page 56).

About recording modes

This unit has 6 recording modes. I want to record in high image quality
Select a recording mode with high image quality such as HQ. If you want to record more video on the hard disk of this unit,
Select a recording mode such as SLP.

recording mode		Hard disk recording time*	
		DESR-7700 D	DESR-5700
HQ	high resolution	about 53 hours	about 33 hours
HSP	↑ ↓ long time	about 81 hours	about 51 hours
SP (standard)		about 107 hours	about 67 hours
LP		about 164 hours	about 103 hours
EP		about 217 hours	about 137 hours
SLP		about 325 hours	about 204 hours

* Recording time when the game area is set to 0GB. Hard disk space
If you change , the recordable time also changes.

In HQ mode, audio is recorded in LPCM (linear PCM).
increase. When not in HQ mode, Dolby Digital 2-channel
Audio is recorded in the channel.

The unit can record continuously for up to 6 hours. recording
Recording will stop automatically 6 hours after starting.

If you want to change the name of the title to be recorded,
you may not be able to perform program tracking recording if you change the title name.
I have. Also, if the title name is one character or less, the program cannot be tracked and recorded.

Please note that no

1 After completing Step 7, select the title column with **ÿÿ** and press **.**

vinegar.

2 Change the program name with **ÿÿÿÿ**.

For keyboard input methods, see "Check character input methods."
on" (page 44).

3 Select [Done] on the keyboard with **ÿÿÿÿ** and press **.**

To stop recording while watching a program being

recorded , select (stop recording) from the operation panel and press (51 page).

To stop recording from the home menu

1 in the home menu  From (TV) is displayed 
selected channel and press **.** 
Displays the channel being recorded.

Press **.** 
The operation panel will be displayed.

3 Select (stop recording) from the operation panel with **ÿÿ** and press **.**
Stop recording.

Record the TV program you are watching

Step1



Press while watching a TV program. The operation panel will be displayed.

Step2

control panel



Press repeatedly on the remote control until the desired recording mode is displayed repeatedly. recording mode
For details on the mode, see "About the recording mode" on page 56.

Step3



Select (REC) with and press. Recording will start.

You cannot change the channel of this unit during recording.

To stop recording while watching a program being recorded, select (stop recording) from the operation panel and press (51 page).

To stop recording from the home menu

1 in the home menu From (TV) is displayed selected channel and press. Displays the channel being recorded.

Press 2.

The operation panel will be displayed.

3 Select (stop recording) from the operation panel with and press. Stop recording.

Record with quick timer

If you select (Record) twice in a row in Step 2 of "Record the TV program you're watching", the following screen will be displayed. timer can be set.

Quick timer cannot be used with DV input.

The quick timer of this unit has a manual setting method and program

There is a way to set it according to the time in the table.



Item list

Item name	Description
Manual setting	You can manually set the recording time. vinegar. You can set the time in 30 minute increments. vinegar.
match the program guide	Get information about the program currently being recorded from the program guide. and automatically start the recording as the program ends. It can be terminated dynamically. It does not support sports extension compatible function.

Recording bilingual broadcasts (dual audio broadcasts)

With this unit, when recording programs such as bilingual broadcasts, you can divide the audio into 3 You can record it in a street way.

Step1



Press to select Home Menu. (setting) Select [Video settings] from and press.



video

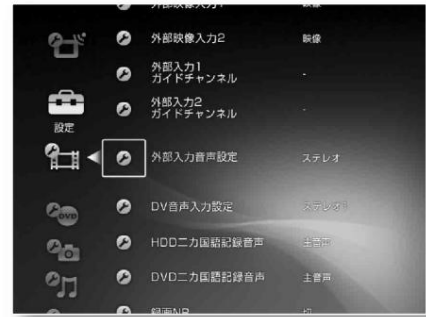
Step2



Press **↓↓** to select "HDD Dual Language Recording Audio". (決定)

Press.

Step2



Select "External Input Audio Settings" with **↓↓** and press.

vinegar.

Step3



Press **↓↓** to select "main audio", "sub audio", or "main+sub audio".

Select "Voice" and press.

Step3



Select "Dual Audio" with **↓↓** and press.

vinegar.



video

Item list

Audio	explanation
main audio	Only the main audio is recorded when recording.
Sub-audio	Only the sub-audio is recorded when recording.
Main + Sub-audio	In order to record both main and sub-audio when recording, You can switch between main and sub audio during playback. to come.

Recording bilingual broadcasts from an external device using the external input

In addition to the bilingual broadcast setting, change the setting of "External Input Audio Setting" to "Dual Audio". (External input 1) or Set the recording method when

LINE1 recording bilingual broadcasts. **LINE2** Using (external input 2)

Step1



Press **↓↓↓↓** to select Home Menu. (setting)

Select [Video settings] from and press (決定)

Check the remaining recording time

Step1



While watching TV (optional) (△)

button). The operation panel will be displayed.

Step2

control panel



Select (Screen Display) with **↓↓** and press. (決定)

vinegar.

Step3



Select (Screen Display) again and press .
 Hard disk free space (disk remaining amount) and recordable time in each recording mode can be recognized.

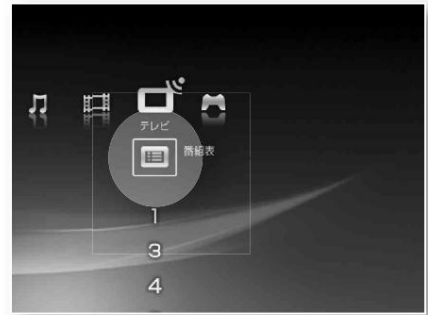
Schedule a recording

See page 89 for caution.

There are two ways to reserve recordings for this unit: using the program guide, There are two ways to make a reservation by specifying the date and time manually (page 61). I will.

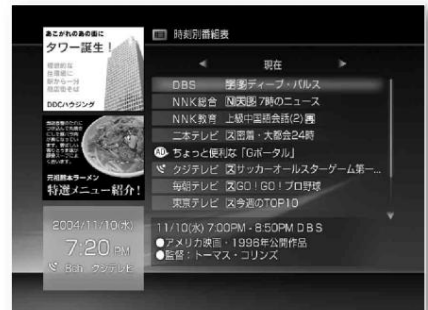
Book a program

Step1



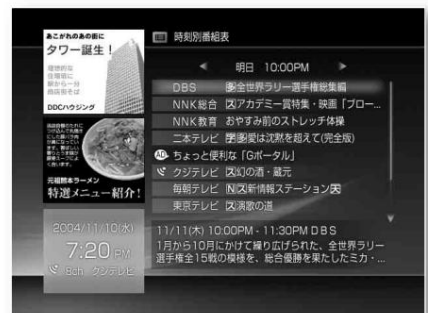
Press **yyyy** to select Home Menu. (Tele Select (program guide) from B) and press .

Step2



Select the time you want to reserve with **yy**.

Step3



Select the program you want to reserve with **yy** and press .

The program reservation screen is displayed.

There is no need to check each item and change the settings.

If not, go to Step 9.



video

Step4

set item column



Select the setting item with **ÿÿ** and press .

Step5



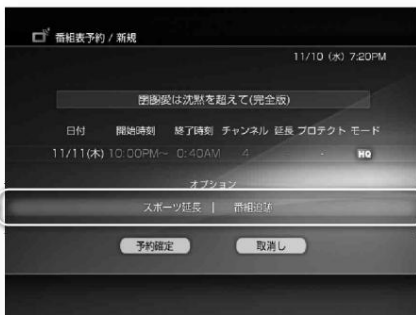
Select the item you want to change with **ÿÿ**, and Change an item.

Step6

When you have finished setting all items, press push.

Step7

Option column



Select the option field with **ÿÿ** and press .

Step8

Select the item you want to change with **ÿÿ** and press . For details, please refer to "to extend the recording time (Sports Extension vs. response)" (page 63) and "to correct the recording time (program tracking recording) (page 64).

Step9



Select [Confirm] with **ÿÿ** and press . Recording reservation is set.

Items that can be set in Step 5

title	explanation
date	Set the date to record. Press ÿÿ repeatedly to switch as follows. Date* ÿ Weekly ÿ Daily ÿ Mon-Sat ÿ Mon-Fri ÿ Date* * The dates that can be set are limited.
start time	Set the time to start recording. It cannot be changed if program tracking is selected in the option column.
end time	Set the time to end recording. It cannot be changed if program tracking is selected in the option column.
extend	Set when you want to extend the recording. When the extension is set, recording continues even after the program ends. If you select sports extension in the option column, you cannot specify the extension time.
protect	Protect your recorded video.
mode	Sets the recording mode (page 56).

Items that can be set in Step7

title	explanation
option	Set up sports extensions, program tracking.

If you want to change the title name of the recording

reservation If you change the title name, you may not be able to track and record the program.

I have. Also, if the title name is one character or less, the program cannot be tracked and recorded.

Please note that there is no

Step1

Title column



After completing Step 7 of "Make a reservation using the program guide", select the title column with **ÿÿ** and press . A keyboard will appear on the screen.

Step2

Change the title name with the keyboard. For keyboard input methods, see "Check the input method" (page 44). please.

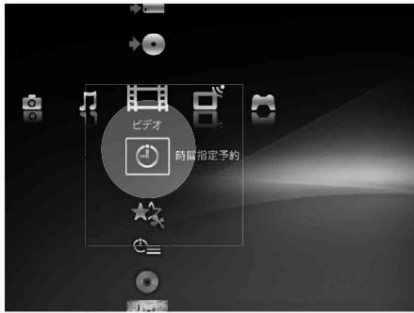
Step3

Select [Done] on the keyboard and **press**.

Make a reservation by specifying the date and time

You can also schedule recordings manually without using the program guide.

Step1



Press **yyyy** to select Home Menu. (video)

E) Select (Time Specified Reservation) and **press** push.

Step2



Select the setting item field with **yy** and **press**.

Step3



Select the item you want to change with **yy**, and Change an item.

Step4

When you have finished setting all items, **press** push.

If the program information can be acquired, the program name will be displayed. is shown.

Step5



Option column

Select the option field with **yy** and **press**.

Step6



Select with **yy** and **press**.

For details, please refer to

to extend the recording time (Sports Extension vs. response)" (page 63).

Step7



Select [Confirm] with **yy** and **press**. Recording reservation is set.

Items that can be set in Step 3

title	explanation
date	Set the date to record. Press yy repeatedly to switch as follows. Date ÿ Weekly ÿ Daily ÿ Mon-Sat ÿ Mon-Fri ÿ Date
start time	Set the time to start recording.
end time	Set the time to end recording.
Channel	Set the channel to record.

title	explanation
extend	Set when you want to extend the recording. If you select sports extension in the option column, you cannot specify the extension time. In addition, when the scheduled recording that has been set to extend is being executed, the extension will be set again.
protect	Protect your recorded video.
mode	Sets the recording mode (page 56).

Items that can be set in Step 6

title	explanation
option	Set sport extensions.

If you want to change the title name of the scheduled recording

Step1

Title column



After completing Step 4 of "Specifying the date and time to make a reservation", select the title column with $\overline{\text{y}}$. Press.

A keyboard will appear on the screen.

Step2

Change the title name with the keyboard.



For keyboard input methods, see "Check the input method" (page 44). please.

Step3

Select [Done] on the keyboard and press.

To stop the scheduled recording during recording, select (stop recording) from the operation panel and press (page 51).

To watch a recorded program



on the home menu  Select the recorded video from (Video) and press  (page 52).

Change or cancel reservation details

Confirming the content of a reservation once made or changing the settings I can.

Step1



Press $\overline{\text{y}}$ to select Home Menu.  (bidet Select (reservation candidate list) from e)  Press.

Step2



Select the program you want to change with $\overline{\text{y}}$ and press.

Only actual recordings are displayed in the reservation candidate list.

It is the content that is drawn.

Due to program tracking, etc., the contents may differ from those at the time of reservation.

may occur.

Step3

set item column



Select the setting item field with $\overline{\text{y}}$ and press.

To cancel the contents of the recording reservation, select [Cancel reservation]. To change the contents of the recording reservation, proceed to Step 4.

Step4




Select the item you want to change with \ddot{y} . For details on each item, see "Items that can be set in Step 5" (page 60).

Step5



Change the item selected with \ddot{y} .

Step6

After setting all items, press .

Step7



Option column

Select the option field with \ddot{y} and press \cdot .

Step8

Select the item you want to change with \ddot{y} and press \cdot . For details, please refer to "to extend the recording time (Sports Extension vs. response)" (page 63) and "to correct the recording time (program tracking recording)" (page 64).

Step9




Select [Confirm] with \ddot{y} and press \cdot .

If you want to change the order of the reservation candidate list

Step1



Press $\ddot{y}\ddot{y}\ddot{y}$ to select (Reservation Candidate list) from  in the home menu.

 Press.

Step2

 Press.

Step3

Select [Change Order] with \ddot{y} and press \cdot . Each time you press in "Change Order", The order of the complement list is switched.

Item list

title	explanation
Manual reservation	Reservations set manually (in descending order of date) \ddot{y} Reservations set in x-Omakase/Maruku (in descending order of date) are displayed in order.
Omakase reservation	Reservations set in x-Omakase/Maruku (closest date order) \ddot{y} Manually set reservations (closest date order) are displayed.
By date	The dates are displayed in descending order.

Extend the recording time according to the broadcast extension of the sports program (supports sports extension)

When sports extension support is set, the broadcast time of sports programs Recording of sports programs whose broadcast times have changed in response to changes impacted by changes in time and broadcast times of sports programming automatically extend the recording time for subsequent programs.


Step1

Perform Steps 1 to 5 of "Reserving from the program guide" (page 59), and select the option column in Step 7.

Step2

Select "Sport Extension" with \ddot{y} .

Step3

After setting all items, press \cdot .

Step4

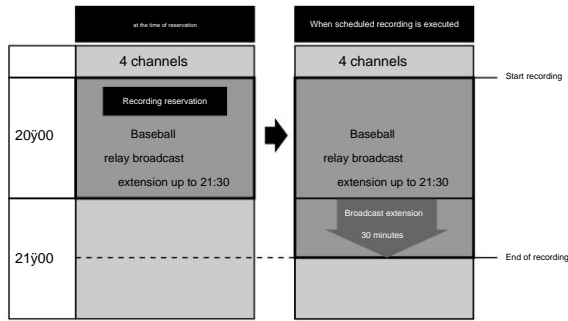
Press \ddot{y} to select "Confirm Reservation" and press \cdot .

About programs for which sports extension support is enabled

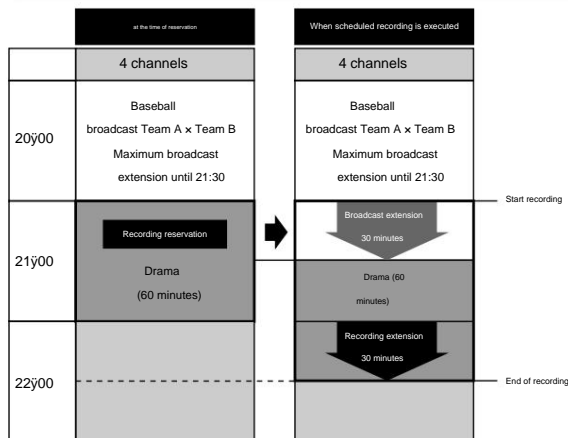
Programs in the "sports" genre that satisfy conditions 1 and 2

• Programs broadcast between 19:00 and 21:00
 • Programs with information about extension of broadcast time in the program guide data

(Programs with information about extension but no information about extension time will be extended by 60 minutes.)



BA A program that is broadcast on the same channel as A's program, after the end of A's program until 5:00 a.m.



Even if you make a recording reservation for a drama scheduled to be broadcast from 21:00 to 22:00, the baseball broadcast that was broadcast in the time slot before this drama was postponed by 30 minutes. In such cases, drama recording may be lengthened. In such cases, drama recording will be extended by 30 minutes without changing the start time. They will do it for you. However, on other channels during the extended hours. If the start time of another recording reservation is included, the other recording will be ahead.

To check the result of sports extension support

Confirm before recording

When I checked the reservation candidate list, I set sports extension correspondence

One of the following marks is displayed for recording reservation.



Explanation of icons displayed on the screen

icon	explanation
	If sports extension correspondence is successful
	When sports extension correspondence fails

Checking after recording By checking

the "Information" of the recorded program, you can check whether the sports extension was successful or not.

Correcting the recording time according to the change in broadcast time (program tracking recording)

If you set program tracking recording, the broadcast time of the program you reserved for recording will be Even if there is a change in the range of 1 hour before or after, follow the corresponding program automatically change the recording time. program tracking recording

If you set this, the broadcast time will be changed to the normal broadcast time for the final episode of a drama, etc.

Automatically change the recording time when the recording time is one hour longer than the original

It is convenient because you can change it.

Step1

Perform Steps 1 to 7 of "Reserving recording" (page 59), and select the option column in Step 7.

Step2

Select [Program Tracking] with $\overline{\overline{\text{y}}}$.

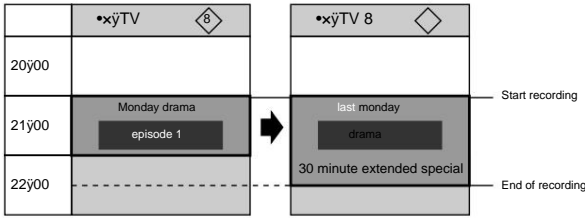
Step3

After setting all items, press .

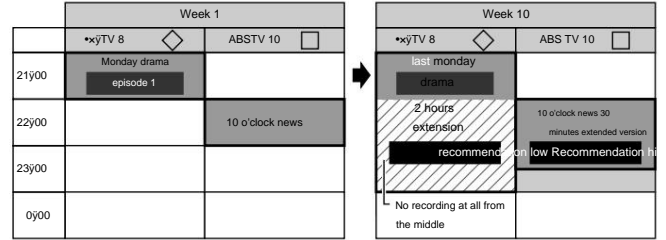
Step4

Select [Confirm] with $\overline{\overline{\text{y}}}$ and press .

Example of successful program tracking recording



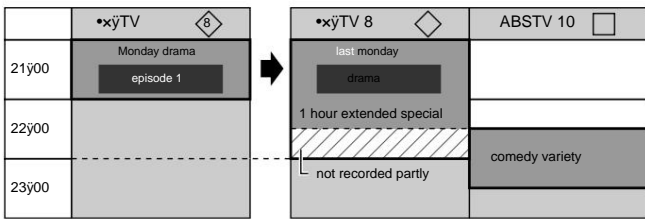
When a low-recommendation program is recorded partway through



Example of program tracking recording failure

My program tracking recording is partially or completely failing.

A When program tracking recording is not set for other recording reservations



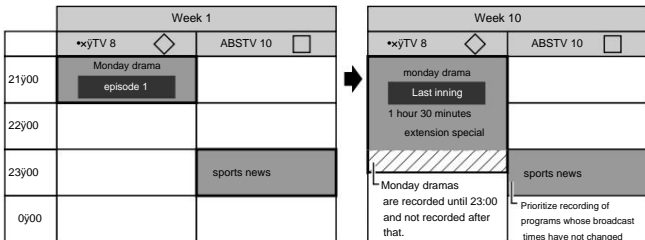
In this case, the variety show starts at 22:30, so the drama is recorded until 22:30.

The drama will be broadcast until 23:00, but it will be recorded until 22:30.

increase.

B When program tracking recording is set for other recording reservations

Programs whose broadcast times have not changed are recorded with priority.

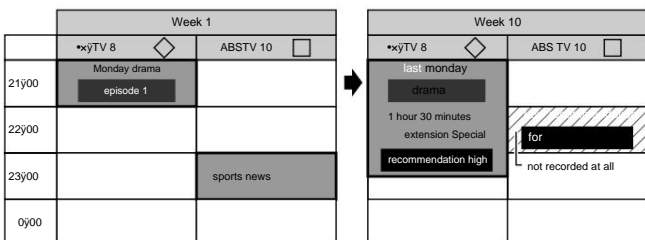


In the above case, since there was no change in the broadcast time of sports news, recording of sports news takes precedence. Even if Monday dramas were broadcast until 23:30, sports

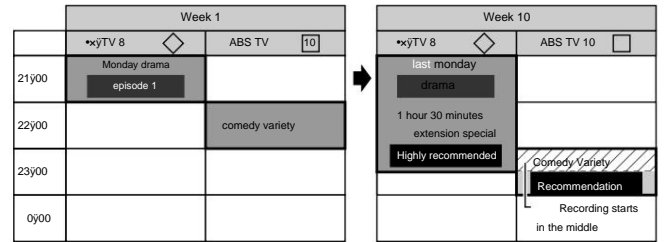
It will only be recorded until 23:00 when the news starts. However, if the broadcast times of both programs are changed, "Recommended Priority is given to programs with a high degree of accuracy.

All programs with low recommendations are either not recorded or only part of is recorded.

If a low-recommendation show doesn't record completely



When a low-recommendation program is recorded from the middle



Check the results of the program tracking recordingCheck before recording

When you check the reservation candidate list, recording reservation with program tracking set, one of the following marks is displayed.

Explanation of icons displayed on the screen

icon	explanation
追跡 成功	Successful program tracking recording
追跡 失敗	Partial failure of program tracking recording
追跡 失敗	If the program tracking recording fails completely

Checking after recording You can

check whether the program tracking recording was successful or not by checking the "Information" of the recorded program.

Record automatically (x-Omakase/Maruroku)

See page 90 for caution

What is x-Omakase Maru-Roku?

If you register the keywords of the programs you want to record in this unit, Programs that match keywords and

This function automatically searches for related programs and records them.

You can also select your favorite programs based on various operations on this unit. to find and record highly recommended programs.

The degree of **recommendation**

judges the favorite programs and decides the degree of recommendation. On this machine, Mainly referring to the following information, we recommend programs to customers. Extract.

- Operation during recording
- Dubbing operations
- Viewing status of recorded video

Prepare for x-Omakase Maru-Roku

Step 1 Set the x-Omakase/Maru-Roku function to "On"

There are two ways to turn on the x-Omakase/Maru-Roku function.

Method

1 Set "Maximum Recording Time" in "Video Settings" to "No Recording". set to anything other than "None". Refer to page 130 for "Maximum Recording Time for Auto Record".

Method

2 Set the x- Omakase /Maru-Roku function to "On" in "Preparation 7 Make simple settings" in Easy Settings . For details on Easy Setup, see "Preparation 7 Easy Setup" (page 16). Keys that can be set with Easy Settings

Word is one of the keywords pre-registered in the machine. department. If you want to set other keywords, use x-Omaka

Register the keywords you want to set after completing preparations for the registration. For details, see "Creating new keywords for automatic recording" (page 69).

Step 2 Set automatic deletion of recorded video

When x-Omakase/Full Recording is turned on, the video is automatically saved to the hard disk. hard disk full

the camera automatically deletes the image according to the image auto-erase settings.

Erase. Protect images that you do not want to erase. please.

Titles scheduled to be automatically deleted soon are marked with a mark. is shown.



There are two methods for automatically erasing images. Please choose.

When the auto-delete target title is set to "All", Manually recorded video will also be deleted. Please be careful.

For details on automatic deletion settings, refer to "How to delete recorded images automatically." settings" (page 130).

Protect titles that you do not want to automatically delete Please protect me. Titles recorded with x-Omakase Maru-Roku Also, manually recorded titles can be automatically recorded if protected. not erased.

Step 3 Set conditions for automatic recording

Set the keyword and recording mode in (x-Omakase/Full Recording) under (Video) .

- Up to 10 keywords can be registered.

- The x-Omakase / Maru recording function always has a sports extension compatible function. work.

Automatic recording start!

x-Omakase/Maru-Roku settings

In addition to keyword registration, there are the following settings.

Maximum recording time setting for automatic recording

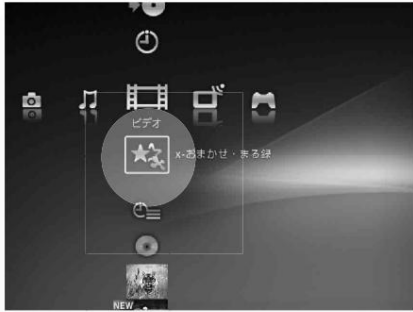
Set the maximum recording time per day for x-Omakase Maru-Roku.


x-Automatic/Full recording target channel

setting x-Automatic/Full recording target channel setting. If you select "No", this channel will be It will not be recorded. For details on these operations, see "Video settings" (page 130).

Setting conditions for automatic recording

Step1



Press **yyyy** to select Home Menu.  (bidet

Select (x-Omakase/Maruroku) from e)

 Press.

Keyword registration screen for x-Omakase Maruroku is displayed.

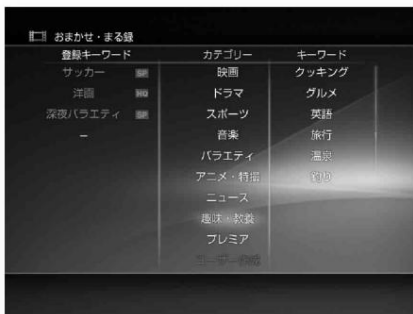
Step2



Use **yy** to select a blank field for "Registered keyword field"

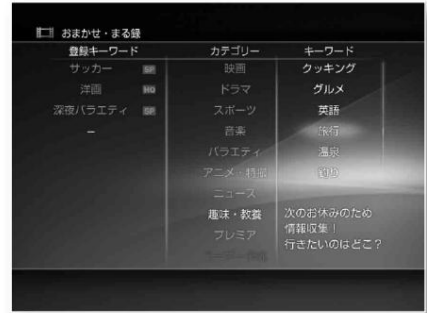
 Press.


Step3



Use **yy** to select the category of the keyword you want to register from the "Category field" and press **.** If you select User Creation here, you can use keywords that you have created yourself. Details For details, see "Creating new keywords for automatic recording" (page 69).


Step4



Press **yy** to select the keyword you want to set. Select a keyword and 

Step5



Select "Recording Mode" with **yy** and  press . Record a program with the selected keyword. Set the recording mode when

Step6



Select the recording mode with **yy** and press **.**

Step7

 Press.

Based on the registered keyword, the unit automatically selects recording reservation candidates. Create a.



video

Keyword list

Category	Keyword
movie	western movie japanese movie
Drama	Nighttime Daytime Overseas Historical Suspense Special drama New drama program
Sports	Baseball Major League Soccer Golf Tennis Horse Racing Marathon/Ekiden Volleyball Motor Sports Martial Arts Basketball Rugby
music	ranking music J-POP Western Classical Enka/Kayokyoku

Category	Keyword
Variety	Variety Comedy Late-night Variety Supernatural Phenomena Close Report Entertainment Information
animation	Anime Children's Anime Late Night Anime Tokusatsu/Monsters
News	Evening Morning Bilingual Sports Politics & Economy
Hobbies/Cultivation	Cooking Gourmet English Travel Hot Springs Fishing Toddlers/Kids Interior/ Gardening Arts Health/Medical Documentary
Premier Big event	Businessman Must-see Trendy style Masterpiece mini-program Seize your dream



Reliably record programs recommended by x-Omakase Maruroku

You can confirm the recording reservation set in x-Omakase/Maruru. increase.

If the recording time overlaps when setting a manual reservation, x Cancellation of recording reservations set in Omakase/Maruru there is.


If you want to reliably record programs recommended by x-Omakase Maru-Roku Confirm the recording reservation by the following operation.

Step1


Press **ÿÿÿÿ** to select Home Menu.  (bidet Select (reservation candidate list) from e)  **Press.**

Step2




Select the program you want to confirm with  and press . Set the order of reservation candidates to [Omakase Reservation] to make the selection easier. For details, see "Reservation If you want to change the order of the candidate list (page 63).


Step3

Select [Confirm] with **ÿÿ** and  . Your reservation is confirmed.

To check programs to be recorded with x-Omakase/Maruroku , select


 (Reservation candidate list) under (Video) to display a list of reservation candidates.




For programs listed in the x-Omakase / Maru Recording setting,  It will be marked.

Modifying/deleting registered keywords

Step1

Correct or delete from the "registration keyword field" select the desired keyword  and press .

Step2

Select [Modify] or [Delete] and  press . If you select [Delete All] at this time, all registered keywords will be deleted.

Create a new keyword for automatic recording

Create new keywords by combining multiple words conditions can be set.

Only programs that satisfy all of the items (conditions) set here will be recorded.

You can create up to 10 new keywords.

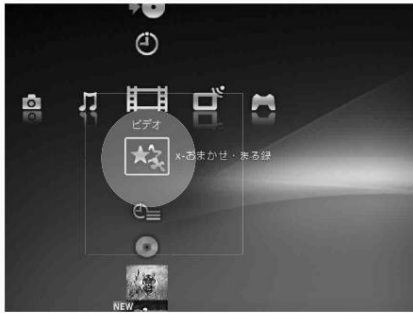
Select "Large" or "Normal" for maximum recording time on the video setting screen

Make sure it is set to "Through" or "Less".

If it is set to "No", the auto-recording function will work.

not.

Step1



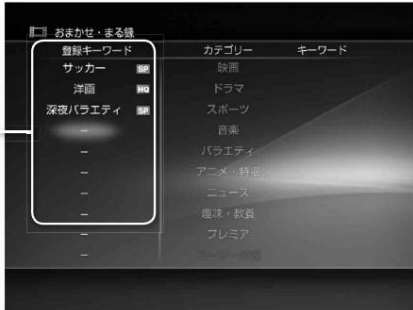
Press **yyyy** to select Home Menu.

Select (x-Omakase/Maruroku) from e)

決定 Press.

Step2

Registered keyword field



Use **yy** to select a blank field for "Registered keyword field"

決定 Press.

Step3

Category column

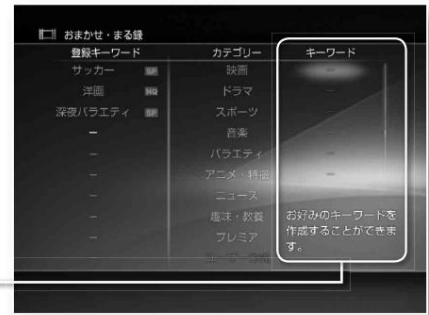


Press **yy** to select "User-created" from "Category".

Select **and** press .

Step4

Keyword field



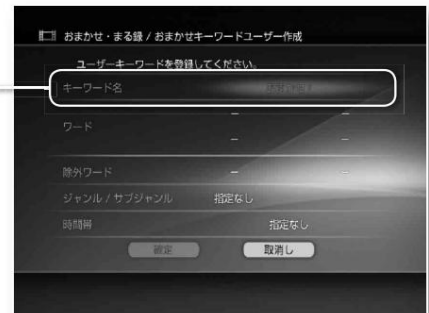
Use **yy** to select a blank field for "Keyword field" and **and** press .

Keyword user of x-Omakase Maruroku

The creation screen is displayed.

Step5

Keyword name field



Use **yy** to select "Keyword Name Field" and **and** press .

A keyboard will appear on the screen,

Please enter a keyword name.

Step6

word column



Select "Word" with **yyyy** and press . An on-screen keyboard will appear, allowing you to

Please enter a phrase.

associated with one of the set words (up to 4).

Applies to related programs.

If you set half-width characters, x-Omakase/Ma recording function may not work. Full-width

Please register with



video

To edit



See page 90 for caution

Pause and edit footage

You can set the scene you do not want to play while checking the still image.
I can do it.
If the title to be edited is set to be protected, it will be automatically deleted.
It cannot be deleted by the erase function.


Step1



Press **ÿÿÿ** to select Home Menu.  (bidet e) stored on the hard disk
Select an image  and press **.** An option screen appears.


Step2



Select [Edit] with **ÿÿ** and  press **.**
The edit screen is displayed.

Step3



ÿÿ First image of a scene you do not want to play
Select  and press **.**
The start mark is fixed on the playbar.

Step4





Use **ÿÿ** to select the last image of the scene you do not want to play back and press **.** The end mark is fixed on the playbar.

If there are multiple scenes that you do not want to play, Repeat steps 3 and 4, then go to step 5 please

Step5




Select [Confirm] with **ÿÿÿÿ** and  press **.**
A video is played to confirm the settings can do.

After confirming that it is set correctly, Select [Exit] and  press to proceed to Step 6 .

Step6

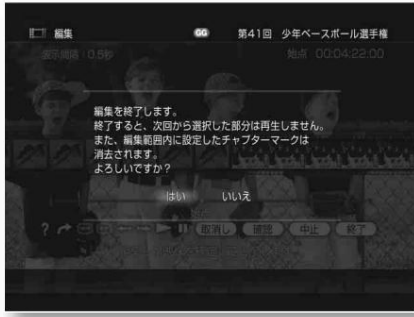


After confirming that playback is correct, **ÿÿÿÿ** press **ÿÿÿÿ** to select [Exit] and  press **.**



video

Step7



Select [Yes] with **ŷŷ** and **enter** .
Skip playback between the start and end points will be

To skip to a scene about 15 seconds ahead (behind)

⇨ Select (Flash +) or (Flash -) **決定**
Press.

When the display interval changes, or is selected **⇨**

The amount of time it takes to turn on will also change.

Indicates an interval of	Time of flying scene when flash is pressed 15 seconds
0.5 seconds to 15	150 seconds
seconds	
6 points	1 time

To move to the scene at the specified time

- 1 Select **⇨** (Time Specified Jump) and press **enter**
- 2 Select the time with **ŷŷŷŷ**, then **enter** .

To undo the last action

⊗ Press.

Cancels the previously set start point or end point.

If you want to cancel part of the settings

- 1 Select [Cancel] with **ŷŷŷŷ** and press **enter**
- 2 Select the setting you want to cancel with **ŷŷ** and press .

To cancel the settings and finish editing, select

[Cancel] with **ŷŷŷŷ**.

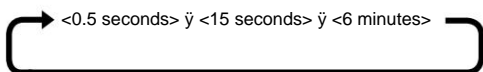
To change the display interval of images displayed on the screen You

can change the display interval of images displayed during editing.

vinegar.

1 Press **ŷ** while the editing screen is displayed.

□ Each time is pressed, the display interval changes in the following order.



2 Select the desired image with **ŷŷ** and press .

The display interval will return to 0.5 seconds, so select the screen you want to edit. please

Edit while playing video

While playing the video, set the scene you want to edit.

Set to skip the scene between the start point and the end point.

Step1



Press **ŷŷŷŷ** to select Home Menu. **video** (bidet e) stored on the hard disk

Select an image and press . An option screen appears.

Step2



Select [Edit] with **ŷŷ** and **enter** .

The edit screen is displayed.

Step3



Select **ŷ** (play) with **ŷŷŷŷ** and press **enter**

Step4



play bar

Select the playback bar with \bar{y} .

Step5



Press at the start point of the scene \odot you do not want to play. The start mark is fixed on the playbar.

Step6



Press at the end of the scene \odot you do not want to play. The end mark is fixed on the playbar.

If there are multiple scenes that you do not want to play, Repeat Steps 5 and 6 before proceeding to Step 7 .

Step7



Select [Confirm] with \bar{y} and \odot press . A video is played to confirm the settings. can do.

Step8



After confirming that playback is correct, press \bar{y} to select [Exit] and \odot press .

Step9



Select [Exit] with \bar{y} and \odot press . Skip playback between the start and end points will be

To undo the last action

\otimes Press.

Cancels the previously set start point or end point.

Setting chapter marks

Chapter marks can be added to videos recorded with this unit. increase. If you add a chapter mark, the

\lll Scenes \ggg or scenes with chapter marks added with icons You can skip or return with .

Step1



Press \bar{y} to select Home Menu. video (bidet e) to which you want to add a chapter mark Select \odot press .



video

Step2

Select "Edit" with **ÿÿ** and press **△**.
The edit screen is displayed.


Step3

When you want to add a chapter mark **△**
push.
99 chapters per video
You can add

Step4

After setting the chapter mark, select
[Exit] with **ÿÿÿÿ** and press **△**.

To cancel all set chapter marks

1 Press **ÿÿÿÿ** to select  (video) from chap
Select the video you want to remove the mark from **△** and press **△**.

2 Select "Cancel edit" with **ÿÿ** and press **△**.
If you select "Cancel edit", all the set chapter marks and
the edit range set for skip playback will be cancelled.

To cancel the set chapter mark

1 Select the playback bar with **ÿ**.

2 Select the chapter mark you want to cancel with L1 or R1.

3 Press R3.

The chapter mark selected in Step2 is deleted. If you
press L3, the chapter just before the displayed scene will be displayed.
is deleted.


Optimize recorded video

See page 90 for caution

Reduce the video data size or set to skip during editing.
 You can completely delete the specified scene.
 If the title to be optimized is set to protect, it will automatically
 It will not be deleted by the dynamic erase function.
 Note that image optimization may take some time. That
 You cannot record between

Step1



Press **ŷŷŷŷ** to select Home Menu.  (bidet) **e** to select an image and **ŷŷŷŷ**. An option screen appears.

Step2



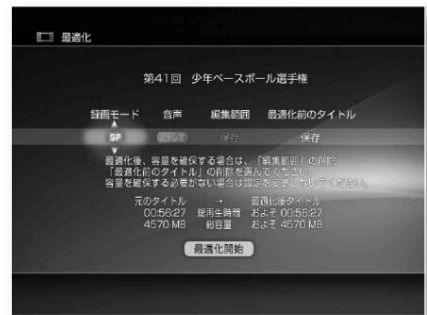
Select [Optimize] with **ŷŷ**, then **ŷŷŷŷ**. The optimization screen will appear.

Step3



Use **ŷŷ** to select "Optimization settings" and press **ŷŷŷŷ**.

Step4



Select the item to set with **ŷŷ**.

Step5



Set the item selected with **ŷŷ**.

Step6



When you have finished setting all items, **ŷŷŷŷ** push.



video

Step7



Select [Start optimization] with and press . Optimization work begins.



A mark appears on the upper left of the during optimization. It shows.

Items that can be set in Step 4

title	
recording mode	Sets the image quality after optimization. Lowering the image quality reduces
audio	the data size. The audio of video recorded in main + sub can be recorded in Video mode of DVD RW, DVD-R, DVD+R, DVD+R. Sets the audio recording method when dubbing to a DVD+RW disc.
Edit range	Set whether or not to completely delete the parts set to be skipped in editing when optimizing. Editing and chapter settings will not remain in the optimized video even if you select "Save".
Image before optimization	Set whether to keep the image before optimization. Select Remove when optimizing footage that contains a "record once only" copy control signal.

If you want to stop optimization in the middle, select [Cancel Optimization] from the option menu with and press .

dub to dvd

See page 91 for caution.

You can dub videos recorded on this unit to a DVD. Before dubbing, prepare a DVD suitable for the purpose.

Things to know before DVD dubbing

Types of discs that can be dubbed with this unit There are several types of discs that can be dubbed with this unit.

increase.

For details on the types of discs that can be dubbed with this unit, refer to

List of discs that can be played back and dubbed on the video recorder" (page 88).

please give me.

About the length of video that can be recorded on DVD

is different.

recording mode	length
HQ	HD 1 hour
HSP	1.5 hours
SP (standard)	2 times
LP	3 times
EP	4 times
SLP	6 hours

When dubbing to DVD-RW in VR mode

Before dubbing to DVD-RW in VR mode,

you need to configure the list. For more information, see Edit

Dubbing when dubbing video to VR mode of DVD-RW

method" (page 128).

A playlist is

management information for video playback, such as the playback order.

It's called a lay list.

Tighten the DVD-RW disc on which the playlist is recorded.

The playlist displays the original footage and playlists.

increase.

In the playlist mark is displayed.

If you select the original video, it will be set not to play in editing.

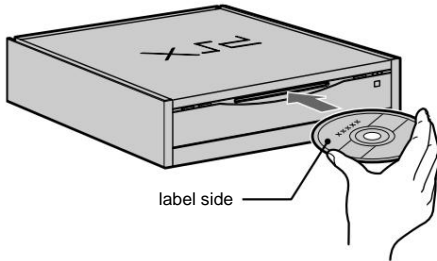
It will play back as it is.

When you select a playlist, the parts you set to not play in the edit

Skip and play.

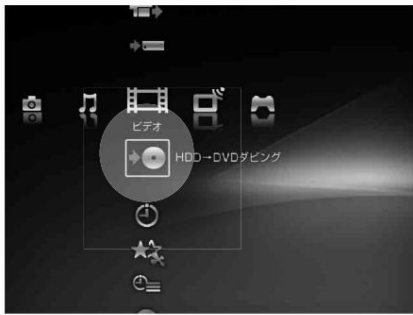
Step 1 Prepare the disc

Step1



Insert a DVD disc into the unit.

Step2



␣␣ (HDD->DVD dubbing)

Select and press . A confirmation screen for starting dubbing appears.

Step3



決定 Press.

Initialization (format) start screen is displayed will be

If you want to add video to a disc that already contains video

DVD-RW VR mode and DVD+RW +VR mode cannot be downloaded once.

You can add video to a disc that has been recorded.

In the Video mode of DVD-R, DVD+R, DVD-RW , dubbing ends.

Since it will be finalized automatically after finishing, dubbing once

Additional data can be added to the video mode of DVD-R, DVD+R and DVD-RW.

cannot be

If you select in Step 3, a screen for executing the appending will be displayed.



If you want to add, please select "Yes" here.

If you select "Yes", "Step 2 Select video (title) to dub" will appear.

Proceed to Step 5 on page 78. If

you select "No", proceed to Step 4 of "Step 1 Prepare the disc" .

About erasing dubbed video

This unit cannot erase only part of the dubbed video.

I can't

If you want to erase the video, format the disc.

Erasing images recorded on a disc using another device

About the empty space caused by

In the case of DVD-RW (VR mode), images are added to this empty space. can be written.

For DVD+RW, this free space is not available.

Step4



Select [Yes] with ␣␣ and press .

An uninitialized disk is inserted.

start initialization here.

For DVD-RW, select "DVD-RW recording" here.

When you select "Change recording mode", the mode selection screen is displayed.



video



Please refer to the list below and enter
Select a recording mode, then select "Yes".
when.

	Video mode	VR mode
Renewable equipment	Almost any DVD player	VR mode compatible DVD player only
DVD menu creation possible		Unable to create
postscript	impossible	possible
remarks		Playlist creation possible

To format a disc, see "Formatting a DVD" (page 80).

Step 2 Select the video (title) to dub

Step 5



Press **ŷŷ** to select the videos in the order you want to dub.
決定 Press.

They will be dubbed in the selected order.

In the pie chart that appears on the right side of the screen,

Check the free space of the disk to be binned

Select the image as you go.

Append required when writing to disc

information. Therefore, the disk

Even if there is enough free space on the disk,

may be insufficient.

If you want to change the order

1 Select the selected image again with **ŷŷ**, and press **決定**.
The selection is cleared.

2 **Reselect** the videos in the order you want to dub them **and** press **決定**.

Step 6



After changing the recording mode, press **ŷŷ**.
push.

When dubbing a "One-time recordable" video to a DVD, the video containing the "One-time recordable" copy control signal

You can record in VR mode on a CPRM-compatible DVD-RW.

vinegar. When the recording to the DVD is completed, the video that can be recorded only once will

At the same time, the image is deleted from the hard disk of the unit.

If the total size of the selected videos exceeds the available disk space ,
change the video recording mode to reduce the data size.

, you can dub according to the amount of free space on the disc.

increase. This unit has a method to automatically change the video recording mode,

There are two ways to manually change the recording mode.

When you want to adjust automatically

After selecting the video in Step 5, select [Yes] with **ŷŷ** and press **決定**. The **ŷŷ** selector automatically resizes the image.

When you want to adjust manually

1 In Step 5, use **ŷŷ** to select the video you want to resize. **ŷŷ**

Press.

2 Select [Rec Mode] with **ŷŷ** and press **決定**.

3 Select the new recording mode with **ŷŷ** and press **決定**.

You cannot select a recording mode with higher image quality than the recording mode before the change.

I can't

Recording modes decrease in size in the order shown in the table below.

recording mode	size	high quality
HQ	Big	
HSP		
SP		
LP		
EP		
SLP		

For images whose recording mode has been changed, the changed recording mode is displayed as shown in the screen below.



If there are videos that you do not want to change the recording mode for,

you can protect the videos that you do not want to change so that titles are automatically saved.

The protected video will remain in the original recording mode even when the size is changed.

You can dub with the

1 In Step 5, use \ddot{y} to select the video you want to resize. Press.

2 Select [Fixed Mode] with \ddot{y} and press .

The recording mode is protected, and a mark is attached to the changed recording mode display.



Step 3 Choose a DVD menu design

A DVD menu is the first thing you see when you play a DVD.

A list of titles.

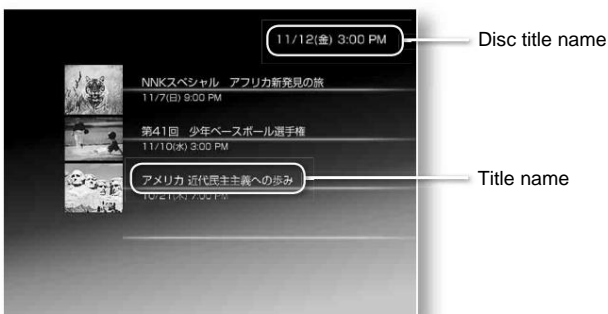
DVD-R, DVD-RW (Video mode), DVD+R,

It can only be created when dubbing on a DVD+RW disc.

When dubbing using a DVD-RW (VR mode), the DVD

The menu creation screen is not displayed. "Step 4 Burn video

Check the order" (page 80).



Step 7



\ddot{y} Select the DVD menu design you want to create.

Select In and press .

When you don't want to create a DVD menu

"Create menu" displayed at the top of the DVD menu list

Please select "No".

The number of titles that can be displayed on one page differs depending on the DVD menu.

Become. Zoom in and view the DVD menu tight

Please check the number of The number of titles does not fit on one page

DVD menus with the same design are automatically added and duplicated.

It will be a DVD menu of several pages.

Precautions when adding video to a DVD+RW created with another device

is replaced by

A DVD menu created on another device is considered to have video added on this unit.

It will disappear after a while.

To enlarge and check the DVD menu design , press while

selecting the design you want to check in Step 7, and select

[Enlarge] with \ddot{y} .

If you want to change the disc title name on the DVD menu, you

can display the disc title name on the DVD menu.

I can do it. The default setting is to create a DVD menu on the DVD menu.

It is set so that the time when it was created is displayed.

1 While selecting the design you want to check in Step 7, \ddot{y} to select [Rename].

A 2-character input screen will appear, so enter the disc title name input.



video

Step 4 Check the order of writing video

Images are written in order from top to bottom.

Step8



Check the writing order of the video and click push.

If you want to change the order of the images or change the recording mode, press \ddot{y} and return to Step 5.

Step 5 Create a DVD menu

Create a DVD menu with the design you chose in step 3. Creating a DVD menu may take some time. Please wait for a while until it is created.

Step 6 Dubbing to DVD

When the menu creation is complete, dubbing will begin automatically, and finalization will be performed at the end. If optimization work occurs during dubbing, dubbing may take a long time.

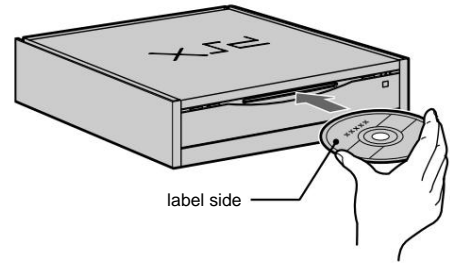
Optimization work occurs when you change the recording mode or change the audio recording method during dubbing.

If you want the power to turn off automatically after dubbing is complete, press the power button after confirming that the dubbing screen (including the DVD menu creation screen) is displayed. After dubbing ends, the power will automatically turn off. The DISC REC lamp on the main unit lights up during dubbing.

Initialize the DVD

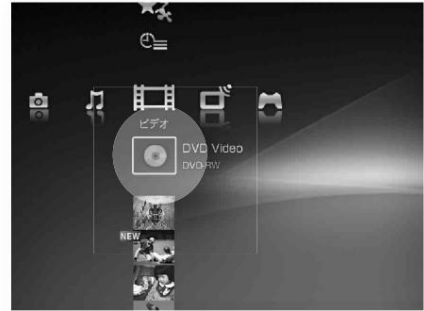
DVD-RW (VR mode and Video mode) discs and DVD+RW discs can be initialized.

Step1



Insert a DVD disc into the unit.

Step2



Select (DVD) with \ddot{y} and press Δ .

Step3



Select [Initialize] with \ddot{y} , then press \rightarrow .

DVD initialization starts.

Step4



Press.

For DVD-RW, select [Change DVD-RW recording mode] here, and the mode selection screen is displayed.

Select the recording mode that suits your purpose from the list below. Select [Yes] from

	Video mode	VR mode
Renewable equipment	Almost any DVD player	VR mode compatible DVD player only
DVD menu creation possible	possible	Unable to create
postscript	impossible	possible
remarks		Playlist creation possible

Dubbing to a "Memory Stick"

See page 91 for caution.

Dubbing the video recorded on this unit to a "Memory Stick",
 You can view the recorded video on a terminal that supports the video format of this unit.
 I can.
 You can dub even while recording. Also, Davi
 You can schedule recording even while you are ringing.

File format of video when dubbing to "Memory Stick"

This unit complies with the Memory Stick Video Format*.
 MPEG-4 files in MP4 format on a "Memory Stick" or "Media
 Record images on the "Molly Stick Duo".
 Images recorded on a "Memory Stick Duo" using this unit
 can be played on a "PSP" (PSP-1000).
 You can copy MP4 format video recorded on a "Memory Stick" to a book.
 cannot be played on the machine.

* Memory Stick video format is a TV broadcast or camcorder
 Use a memory stick to record personal content shot with the
 It is a video format established in the United States.

Things to know before diving

About the video length that can be recorded on a "Memory Stick"

Depending on the video recording rate (recording mode), "Memory Stick"
 The video length that can be recorded on the

Recording Mode	Resolution	Recording Time*	Audio**
768kbps	high	about 30 minutes	stereo
384kbps	and low	about 55 minutes	stereo

*) When dubbing to a memory stick, recording mode must be selected.
 "768 kbps" takes about 5 times longer, and "384 kbps" takes about
 4 times longer.
 Also, the dubbing time is recorded on the hard disk by this unit.
 It varies depending on conditions such as the recording mode and the recorded video.

*) Memory Stick video format is highly compressed video
 format. The dubbed video is the original video and image.
 Quality may vary.

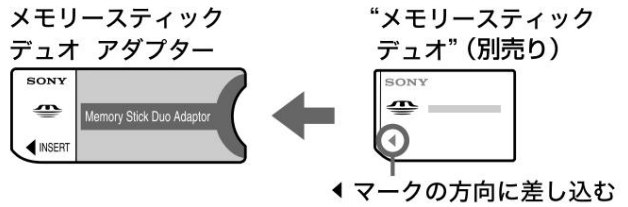
**1 This is the time that can be recorded on one 256MB memory stick.
 **2 Audio is recorded in AAC.

Dubbing time to a "Memory Stick" This unit can dub up
 to 2 hours of video in total playback time.

For videos longer than 2 hours, edit them so that the total playback time is
 within 2 hours before dubbing.

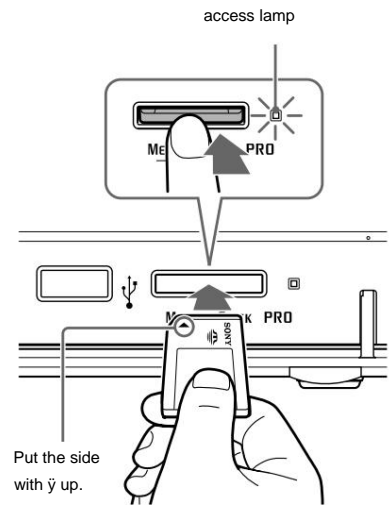
When dubbing images to a "Memory Stick Duo," be sure
 to insert the Memory Stick Duo into the "Memory Stick
 Duo."

After attaching the adapter, remove the MEMORY STICK
 Insert it into the slot.



Step 1 Prepare the "Memory Stick"

Step1



Insert the "Memory Stick" into the unit.

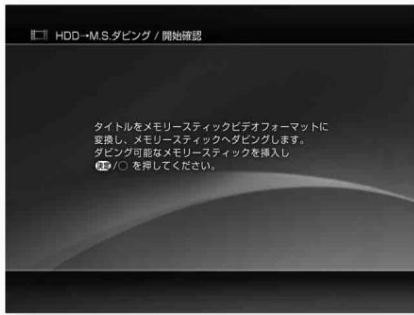
Step2



with $\overline{y\bar{y}}$ (HDD $\overline{y\bar{y}}$ MS dubbing)
 Press \overline{Select} .

After that, keep the "Memory Stick" until dubbing is completed.
 Do not pull it out.

Step3



[決定] Press.
Check the "Memory Stick".

vinegar.

Step4



Select the recording method with **[y]** and press **[x]**. If you select "Append", the "Memory Stick" You can dub the video without erasing the recorded data.

If you select "Delete all videos", all videos recorded in the MP_ROOT folder of the "Memory Stick" will be deleted before dubbing. For details on the hierarchical structure of folders and files recorded on a "Memory Stick," see "MP4 file storage locations" (page 91). If you select "Format", "Memory

Format the "Memory Stick" before dubbing the video.

Formatting will result in a "memory stick."

All the data recorded on the

Please be careful.

Deleting video recorded on a "Memory Stick" With this unit, it is not possible to delete only part of the video that has been dubbed.

If you want to delete the videos, use "Delete all videos" to delete all the videos and thumbnails recorded on the "Memory Stick". please.

Step 2 Select the video (title) to dub

Step5



Press **[y]** to select the videos in the order you want to dub.

[決定] Press.

They will be dubbed in the selected order.

"Memory Stick" displayed on the right side of the screen "Memories" to be dubbed

While checking the free space of "Tick", Please select a statue.

You cannot select images that are being recorded.

You can dub video that is being recorded or video that is "recordable only once" to a "Memory Stick". cannot be

If you want to change the order

1 Select the selected image again with **[y]**, and **[x]** press .

The selection is cleared.

2 **R**eselect the videos in the order you want to dub **[y]** and press **[x]** .

Step6

[△] Press.

Option screen for changing the recording mode and sound face is displayed.

The recording mode is automatically set to 768kbps and the main audio is automatically set.

If you don't need to change it, leave it as is.

Proceed to Step9.

Step7



Select the option you want to change with **[y]** and **[x]** press . push.

Step8



Select the setting after change with \leftarrow and press \rightarrow .

When dubbing a video that contains both main and secondary audio, if the video before dubbing contains both main and secondary audio, record which audio as shown in the screen below. choose to can do. The default setting is to record the main audio. I'm here.



If the total size of the selected videos exceeds the free space on the "Memory Stick", change the video recording mode to reduce the data size. to dub according to the free space of the "Memory Stick". You can

Step9

After changing options, press \rightarrow .

Step10



Check the order in which the video will be written and press \rightarrow . Dubbing starts automatically.

Automatically dubbing video from a device connected to the DV terminal to this unit (Omakase DV Dubbing () DESR-7700 only)

If you connect a DV/Digital8 format digital video camera recorder to the DV IN terminal of this unit, the content recorded on the tape can be transferred to the hard disk of this unit. can be dubbed to a hard disk.

Step1

Connect a DV/Digital8 format digital video camera recorder to the DV IN terminal. For the connection method, refer to "DV input or USB terminal device" (page 28).

Step2



Press \leftarrow to select Home Menu. (bidet e), select (DV)HDD dubbing).

Press \rightarrow and \rightarrow .

The DVHDD dubbing setting screen appears. increase.

Step3



set item column

Use \leftarrow to select "Setting item" and press \rightarrow .

Step4



Select an item with \leftarrow and change the setting with \leftarrow .





video

Step5

After setting the items, press .

Step6

Select [Start dubbing] with  and press .

Digital video camera connected to this unit

Automatically cues the recorder and

start dubbing from the beginning of the clip.

When dubbing starts, the video being dubbed displayed on the screen.

When dubbing is finished, the unit will
Decamera Recorder Tape Automatically
Rewind and dubbing is completed.

Dubbing ends automatically when:
finish.

- When the signal from the digital video camera recorder is not sent continuously for 5 minutes
- When the tape has been played to the end
- A blank portion of the tape was played for 5 minutes.
case
- When the hard disk remaining capacity reaches 0
combine
- When the recording time exceeds 6 hours

About the title name of the dubbed video

The title name is automatically added to the video dubbed to DV. The title name will be DV + shooting start date and time. Example) DV 2004/4/9 7:30PM

Items that can be set in Step 4

title	explanation
audio	Select the audio to dub. Make sure that the settings of this unit and the digital video camera recorder match. please. Stereo 1: Digital video camera recorder Dubbing the sound when shooting with To do. Stereo 2: Digital video camera recorder After shooting with , dub the sound added by editing, etc. MIX Dubs both stereo 1 and stereo 2 audio .
recording mode	Select the recording mode for dubbing. For details on recording modes, see "About recording modes" (page 56). Please look.

Playing back video dubbed with DV dubbing


Select the dubbed video from (Video) and press .



video


video


Video feature list

 is an optional feature that appears when you press . See page 87 for details.



video

 when you press

 when you press


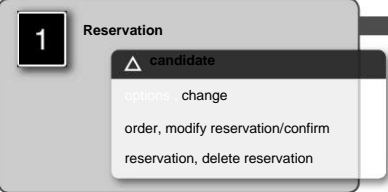
 **DV HDD dubbing** → Dubbing start screen (page 83)


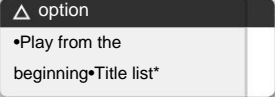
 **HDD MS dubbing** → Dubbing start screen (page 81)



 **HDD DVD dubbing** → Dubbing start screen (page 77)


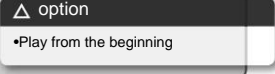
 **Timed reservation** → Reservation setting screen (page 61)


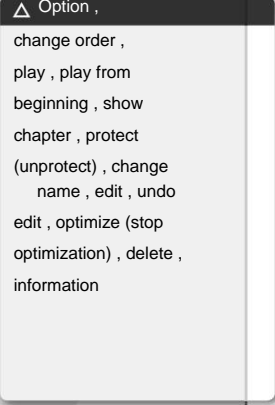
 **x-Omakase Maru-Roku** → Keyword registration screen for x-Omakase Maru-Roku (page 67)

 **Reservation candidate list** →  → Reservation setting screen (page 62)

 **DVD-R/+R**
 → Start playback or Title list

 **DVD-RW/+RW**
 → Start playback or Title list

 **DVD-ROM**
 → Regeneration begins

 **hard disk image**
 → Regeneration begins

* The title list may appear in the options depending on the situation. may not be displayed.

Description of optional features

option name	what you can do
reproduction	Play back video stored in the unit To do.
play from beginning	Plays the DVD or the video stored in this unit from the beginning.
Sort order change	[Reorder] for images on the hard disk rearranges the images saved in the unit. Each time you press ENTER in [Change order], the order changes as follows. increase. Manual recording (displays manual recording with priority) ÿ Auto recording (displays auto recording with priority) ÿ Date (newest first) ÿ Date (oldest first) ÿ Name (ascending order) ÿ Name (descending order) ÿ By genre ÿ Unviewed (prioritize display of unviewed programs) ÿ Manual recording For details on the order of reservation candidates, see "To change the order of the reservation candidate list " (page 63).
title list	Displays a list of videos recorded on the DVD.
Chapter display	Displays a list of video chapters stored in the unit. * Sound output during thumbnail playback It will not be.
protect	Protects the video stored in the unit so that it cannot be deleted or edited.
Unprotect	Unprotect the video so that it can be deleted or edited.
rename	Change the name of the video saved in the unit. Select [Rename] and press OK to display a keyboard on the screen. Use the keyboard to change the name. For details on how to use the keyboard, see "Checking the character input method" (page 44).
edit	You can edit the video saved in this unit and skip scenes you do not want to play. You can also add chapter marks to the video during editing. For details on editing, see "Editing " (page 71).

option name	what you can do
undo edit	Restore the edited video. For details on undoing edits, see "To undo all set chapter marks" (page 74) .
optimisation	You can change the recording mode of the recorded video, or delete the part that was set not to be played by editing. For details on optimization, see "Optimizing recorded video" (page 75) .
Stop optimization	Cancels image optimization in the middle.
delete	Deleting images saved in the unit To do. * The video recorded on the DVD is Cannot delete.
initialize	Initializes (formats) a DVD-RW or DVD+RW disc . You can choose Video mode or VR mode before starting DVD-RW initialization .
information	Information such as recording date and time is displayed. You can also check the results (success/failure) of sports extension support and program tracking recording.
Reservation modification	You can check or change the contents of the recording reservation. For details, see "Changing/ Cancelling Reservations " (page 62).
Reservation confirmed	You can confirm the content of the recording reservation set by x-Omakase Maru-Roku. For details, see "Reliably recording programs recommended by x-Omakase Maru-Roku" (page 68).
Delete reservation	You can delete scheduled recordings. For details, see "Changing/ Cancelling reservation details " (page 62).



video

Discs that can be played back and dubbed with video list

See page 92 for caution.

Playable discs

You can use various types of discs with this unit.

The discs that can be used differ depending on the functions of this unit.

of the disc type	Disc name	DVD-ROM	DVD-R	DVD-RW Logo	DVD+R	DVD+R DL	DVD+RW
mode			Video mode	Video mode	VR mode	VR mode	VR mode
Display on this unit		DVD Video	DVD Video	DVD Video	DVD-VR	DVD+VR	DVD+VR



Discs that can be dubbed

discs marked "for video" or "for video" on the disc package

Please use a disc.

of the disc type	Disc name	DVD-R logo	DVD-RW	DVD+R	DVD+RW
Mode		Video mode	Video mode	VR mode	VR mode
Display on this unit		DVD Video	DVD Video	DVD-VR	DVD+VR
compatible disc version		Ver2.0j Ver2.0/4x speed, Ver2.0/8x speed	Ver1.1, Ver1.1 CPRM compatible, Ver1.1/2x CPRM compatible, Ver1.2/4x CPRM compatible	8x disc or correspond with	4x disc or correspond with
Maximum recording time		about 6 hours			
Compatibility with other devices		○	○	△	△
		DVD player playable in	DVD player playable in	VR mode compatible machine reproducible only on	+R compatible devices Playable only on
Number of times that can be dubbed		Only once	repeatable	Only once	repeatable
Notes after dubbing		×	×	○	×
					○
Create DVD menu		○	○	×	○
Create playlist		×	×	○	×
bilingual broadcast dubbing of	2 Primary audio only *	○ ²	○ ²	○ ²	○ ²
	Secondary audio only * ²	○ ²	○ ²	○ ²	○ ²
	Main voice + Secondary audio	△ ¹	△ ¹	◎ ³	△ ¹

For more information
page 77

For more information
page 79

For more information
76 pages

For more information
129 pages

*1 It is recorded with the audio selected in the "DVD dual language recording audio" setting.

*2 Only the audio of the HDD bilingual recording audio set at the time of recording is dubbed.

*3 Both main and sub-audio are dubbed, and can be switched between main and sub-audio during playback.

Notes on "Enjoying Videos"

Notes on "Playing Recorded Images and DVD Videos"

•The playback settings included in the disc have priority over the settings on the setting screen of this unit, and even if they are set, the functions may not work.

•**Interlaced** when playing DVD-R/-RW/+R/+RW
Video output is only for the method.

Precautions when replaying from the last stopped scene

•In the case of DVD, playback from the last stopped scene only in the following cases can. - Display home menu with SELECT or home button during playback when
- When no other images, music, photos, etc. are being played

Notes on DVD DTS audio playback • DTS

audio signals are output from the optical digital audio output terminal.

•**DTS** audio signals can be output from the analog audio output.
you can't.

Notes on listening to the audio of recorded video of bilingual broadcasts through the optical digital output

When "Dolby Digital" in [DVD Settings] is set to "On", the audio of the following video cannot be switched.

•**Recorded** video recorded in a recording mode other than HQ

•**Dubbed** a video recorded in a recording mode other than HQ
DVD

Precautions when fast-forwarding with sound (1.3x fast-forward playback)

cannot be

•**Audio** is not output from the optical digital output of this unit even if Dolby Digital is set to "On" when using fast playback of video recorded in a recording mode other than HQ or dubbed DVD. can't force Audio is output from the optical digital output of this unit regardless of the Dolby Digital setting for video recorded in HQ recording mode .

Notes on "Recording"

Notes on "Recording from the program

guide"•16:9 video is recorded at 4:3.

- It is not possible to change the recording mode during recording or while recording is paused.
you can't.

•If you unplug the power cord while recording, the program being recorded will be deleted.
may be

•It is not possible to set duplicate reservations for the same time.

•Up to 30 reservations can be made manually.

•The channel of this unit cannot be changed during recording. If you connect the TV and this unit with a coaxial cable, you can switch TV channels even while recording. For the connection method, see pages 10 and 11.

•During scheduled recording, only extension settings other than sports extension can be changed.
increase.

Notes on "Record the TV program you're watching"

•**16:9** images are recorded at 4:3.

•To record digital satellite broadcasts from the external input terminal of this unit, turn on the power of the digital tuner and select the program you want to record. Do not turn off the tuner or switch channels until the recording is finished.

•This unit can record continuously for up to 6 hours.

Recording will stop automatically 6 hours after you start recording.

•Even if you turn off the power with the remote control or the power button of this unit during recording, Recording does not stop (but recording will stop if you are recording DV).

•"Recording", "Pause recording", and "Stop recording" on the operation panel or remote control works only when watching TV shows. It does not work when viewing videos, music, photos, etc., or when the unit is turned off.

•You cannot switch channels while recording. If you connect the TV and this unit with a coaxial cable, you can switch TV channels even while recording. For the connection method, see pages 10 and 11.

- If the start time of the scheduled recording has passed during recording, the recording will stop.
The next scheduled recording will not start until

Notes on " Recording bilingual broadcasts from an external device using an external input"

Cannot switch.

Notes on "Scheduling recording"

Precautions for "Reserve in the program

guide"•When dubbing, optimizing, or creating x-Pict Story, Scheduled recording cannot be performed (except when dubbing from HDD to MS). Before proceeding with any of these, check the Scheduled Candidates list to ensure that scheduled recordings do not start during processing.

•When the reservation end time and the next reservation start time are the same, the end time
It is recorded only up to several tens of seconds before .



video


- If you change the name of the recording title, the changed title name will be displayed on the screen when you modify the reservation. If changed, it may affect the functionality of program tracking recording. Please be careful if you select "Program Tracking" in the options.

Precautions for "Reserving by specifying the date and time"•If

the time setting is incorrect, the recording reservation will be made at the desired date and time. plug.

- You can reserve programs up to one month ahead on this unit.
- Scheduled recording cannot be performed while dubbing, optimizing, or creating an x-Pict Story (except when dubbing from HDD to MS). Before proceeding with any of these, check the Scheduled Candidates list to ensure that scheduled recordings do not start during processing.
- When the reservation end time and the next reservation start time are the same, the end time It is recorded only up to several tens of seconds before .

Notes on " **Extending the recording time according to the extension of the broadcast of a sports program** (supporting sports extension)" • If you change the option settings after changing the start time and end time, the settings will be restored. Change the start time and end time after setting the options.

- In the case of change just before the start of the recording reservation, sports extension correspondence is reflected There are things you can't do.
- When there is not enough free space on the hard disk, the sports extension function may not work.
- Sports extension support cannot be canceled during scheduled recording.
- The sports extension function does not display the titles recorded by the automatic It also supports  recording function .

Notes on "Adjusting the recording time according to the change in the broadcast time (program chasing recording)"

- If the program tracking recording is set, the start time, end time cannot be changed between
- If you change the option settings after changing the start time and end time, the settings will be restored.
- You can only change the extension setting for titles that are being recorded.
- If the change is made just before the recording reservation starts, the program tracking recording cannot be reflected. may not be.
- When the free hard disk space is low, program chasing recording cannot be performed. function may not work.
- Even if the recording time is changed by program tracking recording, you cannot set another recording reservation for the recording time before the change.

Notes on "Automatic recording (x-Omakase/ Maru-Roku)"

- Among recording reservations set manually and recording reservations set with x-Omakase/Maruku, the manually set recording reservation always takes precedence.

- If you cut 5 minutes before the start of recording, the registered keyword for that reservation changes are not reflected.

- **Titles recorded with x-Omakase Maru-Roku will be deleted automatically unless protected. Also, the tie after optimization files are also subject to automatic deletion.**

Notes on "Edit"

Notes on "Pause and Edit" The image displayed

when paused is set to be displayed at intervals of approximately 0.5 seconds. Some scenes that should have been skipped may be replayed.

Notes on "Optimizing Recorded Video"

- If the recording mode optimizes the video such as EP or SLP, the video The sound at the beginning may be missing.
- When optimizing the video of a program that includes a copy control signal that allows one-time recording by selecting "Save the title before optimization", scenes that include the copy control signal will be displayed in blue. It is recorded in , and the sound is not recorded.
- Optimized images are not automatically protected.
- Chapter information set by editing is is not reflected in
- It may take some time to optimize the image. optimizing Recording/scheduled recording cannot be performed on
- During optimization, when playing ATRAC*3 format music, Sound skipping may occur when inserting or removing a CD, "Memory Stick" or digital camera.
- * Licensed product under Dolby Laboratories US and foreign patents.
- If there are many recorded titles (more than 300 titles), sound skipping may occur when ATRAC3 format music is played during optimization .
- During optimization, the following operations and functions do not work.
 - Recording/ scheduled recording
 - Importing photos - Importing music - Dubbing - Creating x-Pict Story video - Changing settings
- If you play video while optimizing, the image or sound being played may be interrupted. In such cases, the optimization will still succeed.
- When optimization is performed, the first image of the optimized video will be displayed as a thumbnail. registered as a



video

Notes on "Dubbing to DVD"

- Depending on the DVD device, it may not be possible to play the disc even if it is finalized correctly. may not work.
- You can finalize a disc recorded on another DVD device with this unit. you can't.
- During dubbing, recording reservations and recording cannot be performed.
- In the case of DVD-R / DVD-RW Video mode and DVD+R/ DVD+RW +VR mode, dubbing is done with the editing results reflected.

When dubbing in DVD-RW VR mode, the reflection of the editing result differs depending on the "VR mode playlist setting" in the video settings.
- When the free space of the hard disk is insufficient, it may not be possible to create a DVD menu, or dubbing may not be possible if optimization is required.
- Chapter information set during editing is optimized during dubbing. It is not reflected in the video that has been changed.
- When dubbing video whose recording mode is SLP in +VR mode of DVD+R or DVD+RW, this unit automatically changes the recording mode to SLP for +VR mode.
- Most programs of terrestrial, BS, and 110-degree CS digital broadcasting contain copy control signals. Programs that include a copy control signal for "One-time recording only" are recorded on CPRM-compatible DVD-RWs. You can dub in VR mode. Programs that can be recorded only once will be deleted from the unit's hard disk as soon as recording to the DVD is complete.
- This unit can add video to DVD+RW recorded by other DVD equipment. is replaced with the DVD menu selected on this unit. DVD menus created with other DVD devices will be lost when video is added with this unit.
- If you want to add data to a VR mode or +VR mode disc from which all the images have been deleted on another DVD device, format the disc once with this unit before adding data.
- Depending on the quality of the disc, dubbing may take longer. I have.

Notes when dubbing recorded video of bilingual broadcasts

Dubbing is possible only in VR mode of DVD-RW. See the table below for details.

at the time of recording Two HDDs Language recording voice settings	DVD discs and recording modes that can be dubbed				
	DVD-R (Video mode)	DVD-RW Video mode	DVD-RW VR mode	DVD+R (+ VR mode)	DVD+RW (+ VR mode)
Main audio ● ● ● ●					
Secondary audio ● ● ● ●	Main + secondary	audio	γ	γ	γ

- γ It will be recorded with the audio selected in the "DVD dual language recording audio" setting.
- Only the audio of the HDD bilingual recording audio set at the time of recording is dubbed. will be
- γ Both the main and sub-audio are dubbed, and the main/sub-audio can be switched during playback. can be replaced

please note

When recording bilingual broadcasts broadcasted by an external input device, set the external input audio setting of this unit to "Dual audio" in advance. If you record with the external input audio set to "Stereo", even if you set the HDD dual language recording audio setting to "Main + Sub Audio", you will not be able to switch between main and sub audio during playback. increase.

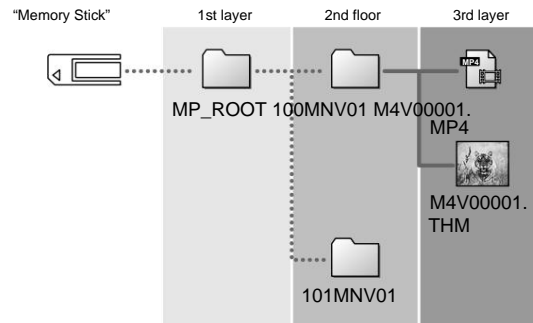


video

Notes on "Dubbing to a "Memory Stick""

- Videos that are being optimized cannot be dubbed.
- Videos that are being recorded cannot be dubbed.
- Videos that can be deleted with [Delete all videos] are memory stick videos. Video format compliant files only.
- Videos with a total playback time of 2 hours or more after editing cannot be dubbed. you can't.
- Dubbing is not possible if the total playback time of the selected videos exceeds 2 hours .
- You cannot select and dub 15 or more videos.
- A "Memory Stick" formatted by a device other than this unit is not correct. may not work properly.

Where to save MP4 files As shown in the diagram below, the MP4 files dubbed to the "Memory Stick" with this unit must be stored directly under the "Memory Stick" (root) or are saved in the 3rd layer.



- A folder called "MP_ROOT" is always created in the first layer, and a folder for saving video is created in this folder.
- MP4 format video files and thumbnail files to be displayed on playback devices are saved in the folder for saving video on the second layer . Video files have the extension "MP4" and thumbnails have the extension "THM".

Notes on "Automatically dubbing video from a device connected to the DV terminal to this unit (Automatic DV dubbing)"

- If the DV audio input settings of the digital video camera recorder and the DV audio input settings of this unit are different, the audio of the digital video camera recorder will be muted.
- When dubbing a tape that contains video that is prohibited from being recorded, the recording prohibited parts are dubbed with a blue screen.
- DV dubbed images are protected.
- This unit is compatible only with DV/Digital8 format digital video camera recorders. Please note that MICRO MV format digital video camera recorders are not supported.
- **Connect** two or more digital video camera recorders
You can not.
- Depending on the digital video camera, you may not be able to operate the digital video camera recorder with this unit.

In such cases, connect to the external input. For details on connecting the external input, see "Connecting external devices" (page 28) .
- You can operate this unit from the connected device only if it is the same model. you can't.
- You can copy the date, time, contents of cassette memory, etc. to a disc.
Bing is not allowed.
- When dubbing from a DV/Digital8 format tape with audio tracks recorded at multiple sampling frequencies (48kHz, 44.1kHz, 32kHz) , sound may not be output for several seconds at the point where the sampling frequency changes during playback. Hmm.
- When dubbing and playing back an image that changes the video size or that changes from non-recording to recording, the image may be distorted for a moment.

Notes on "List of discs that can be played back and dubbed on video"

- **Only** playback is supported for 8 cm discs.
- Please purchase a disc that has "for video" or "for video" written on the package .
- Data recorded on a computer that cannot be read by this unit may be deleted.
- This unit cannot play DVD-R discs recorded in VR mode.
cannot live.
- Dubbing to DVD-R in VR mode is not possible with this unit.
- **Playback** of programs recorded on CPRM-compatible DVD-R discs that can be recorded only once cannot be performed. (CPRM: Content Protection for Recordable Media is copyright protection technology for programs that can be recorded only once .)

- With this unit, a CPRM-compatible DVD-R disc can be recorded only once.

It is not possible to record programs that can be recorded.

- Discs dubbed in the DVD-RW VR mode of this unit are
It cannot be played on a normal DVD player. Playable only on DVD-RW (VR mode) compatible players.
- Discs dubbed on the DVD+R/DVD+RW of this unit cannot be played on a normal DVD player . Playable only on DVD+R/ DVD+RW compatible players.
- DVD+R/DVD+R DL/ recorded on other DVD devices
DVD+RW/DVD-RW/DVD-R or CD-R discs may not be playable due to scratches , dirt, recording conditions, characteristics of the recorder, or CD/DVD software . Also, discs that have not been properly finalized to record end information at the end of all recordings cannot be played.
For details, please read the instruction manual of the recording device.

- **DualDisc** is a new double-sided disc that combines a DVD standard compliant side and a dedicated music side. In addition, since this dedicated music side does not conform to the compact disc (CD) standard, we do not guarantee playback with this product.

About area codes (region codes)

The region number is indicated on the DVD-Video package.

If the area code contains "ALL" or "2", the possible to live.



Precautions when playing DVD discs

With DVD-Video, the playback status is determined by the intention of the software creator. may be This unit does not support discs intended by the software creator.

Since playback is performed according to the contents of the disc, the functions are performed as you operate. it may not work. Instructions supplied with the disc to be played
Please also see

This unit does not support the following discs

- DVD-RAM
- DVD audio
- DVDs with area codes (region codes) that cannot be played on this unit
video
- **Disc** compatible with color TV systems other than NTSC (PAL, SECAM)
Screen (because this unit is compatible with the NTSC color TV system)



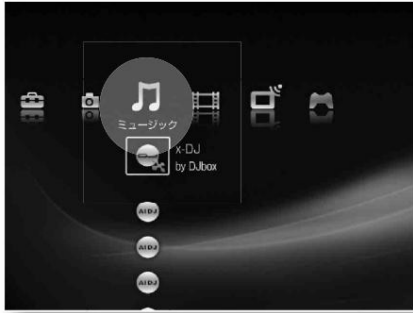
enjoy music

play music

See page 104 for caution

With this unit, you can listen to CD songs and songs saved on the hard disk. You can also use the option function to play songs from a CD. can be saved on the machine's hard disk.

Step1



with **ÿÿ** Select (music).

Step2



ÿÿ to select (music CD or data CD) or (Album), (PSX Original sound) and press .

Step3



Select the song you want to listen to and press .



Explanation of icons that can be selected with

icon	Select press
x-DJ	Start x-DJ.
AIDJ playlist	Automatically play songs registered as a DJ increase.
PSX original sound	List of PSX original sounds To do.
Album	Lists the songs in the album.

Icon displayed when a music CD is inserted

icon	Select press
	Music CD Displays a list of songs recorded on the CD To do.

Icon displayed when a CD-R is inserted

icon	Select press
	MP3 format recorded on data CD CD-R Lists songs and folders.

If you selected (Data CD containing MP3) in Step 2

Folders saved on the CD-R will be displayed in Step 3, so select the folder containing the song you want to listen to and press please.

Press to display a list of songs saved in the selected folder. is displayed, select the song you want to listen to and press again. please.

To play by album

1 Press in Step .

2 Select [Play] with **ÿÿ** and .

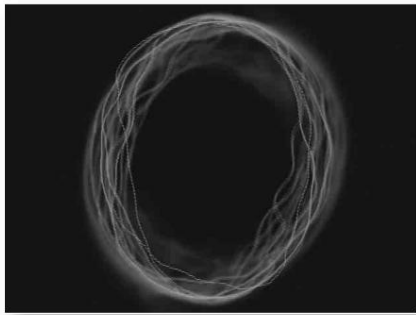


Music

Control the song that is playing

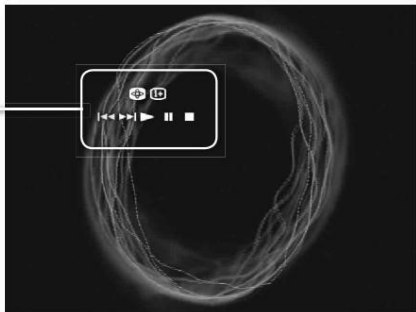
To pause or stop the song that is playing, use the operation panel use le.

Step1



Press while playing a song.
The operation panel will be displayed.

Step2



control panel

Press the **Import** icon to select the icon you want to use.
Press the **Decision** button.

Icons that can be used on the control panel

Some icons may not be displayed depending on usage conditions.

icon	Select and press
	Visualizer Designing images displayed during playback can be switched.
	Screen display Switches the screen display.
	Beginning of current song or previous song Go to
	Move to the beginning of the next song.
	Play the paused song.
	Pause Pauses the song that is playing.
	stop Stop the song that is playing.

Import to this unit

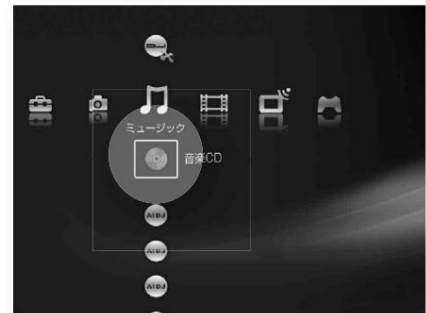
See page 104 for caution

Importing songs from a CD into this unit

You can import songs from music CDs to this unit. music CD
When importing from a file, save it on the hard disk in ATRAC3 format.
increase.

To set the sound quality when importing a music CD, see "Music settings".
Settings", "Setting the sound quality when importing CD songs" (133 page).

Step1



Press **Home** to select Home Menu. **Music** (mu)
Select a song from (music CD) from
Press while **Import**

Step2



Select [Import] with **Import** and press .
Importing will start. Follow the instructions
on the screen to import to the album.

Step3



Select the destination album with **↑**, and **決定** (OK) Press.
 If you select [New] here, the Alba
 A keyboard for entering the system name appears.
 Please enter your name.
 When you finish entering the name, register the song information
 screen will appear.
 Song information is also used by x-DJ.

Step4



Select the item you want to set with **↑** and **決定** (OK) Press. Release year and artist for imported songs
 You can set the name and genre.
 The information registered here is also used by x-DJ.

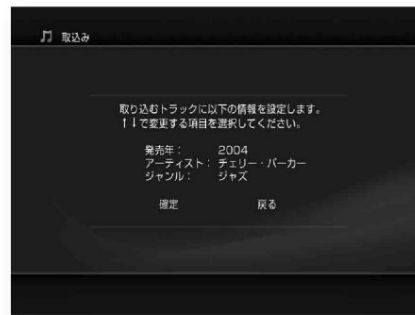
vinegar.

Step5



Set with **↑** and **決定** (OK) Press.


Step6



Select [OK] with **↑** and **決定** (OK) Press.
 The DJ registration confirmation screen is displayed.
 There is a game area for using x-DJ
 If not, the DJ registration confirmation screen will not be displayed.
 not Skip Step 7 and start importing.

Step7



Select [Yes] or [No] with **↑**. **決定** (OK)
 Press.
 this song  (music) at x-DJ
 If you want to use it, select [Yes].
 stomach.
決定 (OK) Press to start importing.

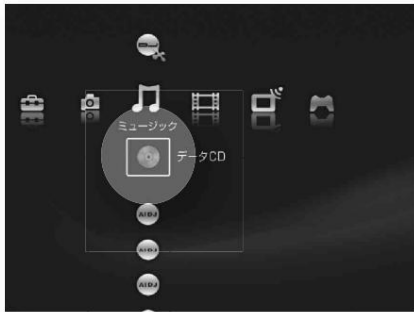


Music

Importing MP3 songs to this unit

Importing MP3 files saved on a CD-R to this unit I can.

Step1



Press **ŷŷŷŷ** to select Home Menu. **ŷŷŷŷ** (music) select (data CD) **ŷŷŷŷ** Press.

Step2



Press **ŷŷ** to select the song you want to import (data CD folder) or the song in the folder and press.

Step3



Select [Import] with **ŷŷ** and press. Importing will start. on screen instructions So put it in the album.

Step4



Select the destination album with **ŷŷ**, and **ŷŷŷŷ** Press.

If you select [New] here, the Alba A keyboard for entering the system name. Please enter your name. MP3 songs and folders recorded on a CD-R folder name, refer to the folder name to automatically set the album name.

After entering the name, the DJ registration confirmation screen will appear. face is displayed.

There is a game area for using x-DJ

If not, the DJ registration confirmation screen will not be displayed. not Skip Step 5 and start importing.

Step5



Select [Yes] or [No] with **ŷŷ**. **ŷŷŷŷ**

Press.

this song **ŷŷŷŷ** (music) at x-DJ

If you want to use it, select [Yes].

stomach.

ŷŷŷŷ Press to start importing.

To change the genre of imported songs

1 Select the song you want to change **ŷŷŷŷ** and press.

2 Select [Information] **ŷŷŷŷ** and press.

An information screen appears.

press **ŷŷŷŷ**.

4 Select the genre field with **ŷŷŷŷ** and press.

5 Select a genre with **ŷŷŷŷ** and press.

press **ŷŷŷŷ**.

Using songs saved on the hard disk Enjoy DJ play (x-DJ)

See page 104 for caution

What is x-DJ?

You can use the songs saved on the hard disk of this unit to create songs that suit your mood.

Ability to select music and play non-stop music
is.

x-DJ has two types of performance functions.

AIDJ playlist:

Based on the list of DJ-registered songs, this unit automatically

Create playlists based on situations and situations, select songs and play
To do.

My Select:

Set the genre, period and tempo of the song and match these conditions
automatically play only the songs you want to play.

Get ready for x-DJ

To use x-DJ, make the following preparations.

Preparation 1 Confirm that the game area of the hard disk is set

If you have not set the hard disk game area,

Set the game area in "Changing the hard disk area" (page 134).

Please specify. If you change the hard disk space,

Information such as videos, music, and photos saved on the hard disk

Please note that everything will be erased.



Preparation 2 Importing songs to the hard disk of this unit

For information on how to import songs, refer to "Importing to this unit" (page 94).
please look at.



Preparation 3 Set the imported songs so that they can be used with x-DJ

To register the song you want to play

1 Press to select from (music)

(PSX original sound) or (album)

Press Select.

2 Press to select the song you want to play then press .

3 Select [DJ Registration] with and press .

You can also "Register as a DJ" collectively for each album.

1 Press to select from (music)

(PSX original sound) or (album)

Press Select.

2 Select [DJ Registration] with and press .

Automatically perform everything from song selection to mix (AIDJ playlist)

Based on the list of songs registered as a DJ, this unit automatically creates playlists according to moods and situations, and selects and plays the songs. There are 20 playlists in all.

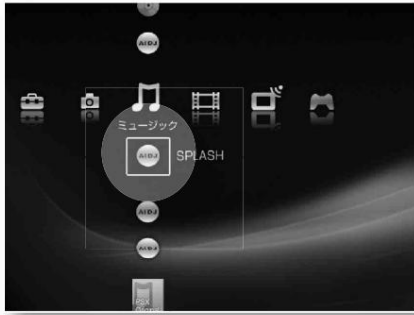
An example of an AIDJ playlist

HOT	Focusing on genres such as ROCK and J-POP, Choose a song that makes you feel good
COOL	Among genres such as SOUL, JAZZ, and R&B Choose a song that calms you down
I want to move my body around	SPLASH songs with a fast tempo create a unique atmosphere
LOW BEATS	Slow tempo songs, quietly relaxing Create an atmosphere where you can
Jeans such as	RAKUEN SOUL, LATIN, RAGGAE Do it at a medium tempo while reading Produce a moment in the afternoon
OLD DISCO	Centering on POPS and DISCO in the 1970s/80s A selection of nostalgic disco songs
JPOP DJ	Select your favorite J-POP songs



Music

Step1



Press Δ to select Home Menu.

Select (AIDJ) from (Music)

Δ Press.

Multiple

The AIDJ playlist will be displayed. choose

The playlist allows you to select songs and how to play them.

is different, so it depends on your mood and situation.

Please choose according to your taste.

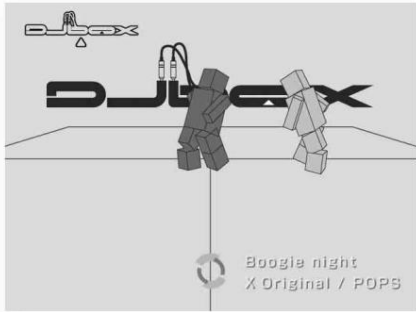
The time period to be played back or saved to the hard disk

Depending on the type of song being played, the

list will change.

x-DJ will start up and start playing.

When the performance starts, the visualizer will appear on the screen.



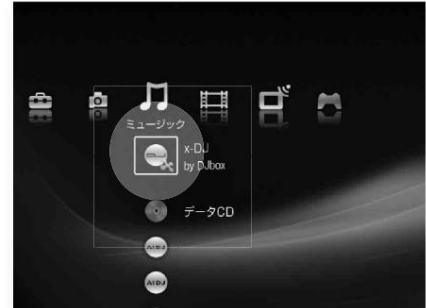
For the visualizer, see "For x-DJ's visualizer About" (page 100).

Playing songs automatically by restricting them by genre or tempo (My Select)

Set the genre, age, tempo, etc. of the song, and

Select up to 32 matching songs and play them automatically.

Step1



Press Δ to select Home Menu.

Select (x-DJ) under (Music)

Press.

x-DJ starts up and the main menu appears.

will be

Step2

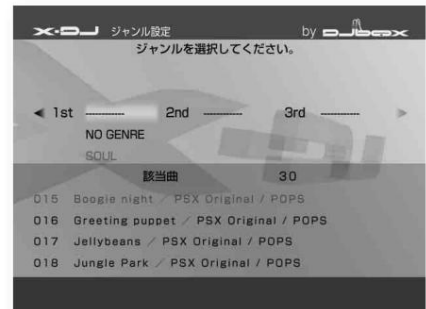


Select [My Selection] with Δ , then press Δ .

The AIDJ playlist selection screen appears.

vinegar.

Step3



Select the genre setting field with Δ . You can specify up to three genres.

vinegar.

Step4



Select a genre with **↑↓**. Search for songs registered in the selected genre and update the corresponding song.

Step5



After setting all genres, press **決定** (Decide).
vinegar.
The age setting screen is displayed.

Step6



Select the maximum/minimum date with **↑↓**.

Step7



Set the year with **↑↓**. Select from the songs listed in the applicable songs. Selects only songs that match the period you selected.

Step8



When you have finished setting the year, press **決定**. The tempo setting screen will appear.

Step9



Select the maximum/minimum value with **↑↓**.

Step10



Set the tempo with **↑↓**.
Select from the songs listed in the applicable songs.
Select only songs that match the tempo you selected.

vinegar.

Step11



Press **決定** when you have finished checking the track. The visualizer screen will appear and you can automatically play the song.



Music

About x-DJ Visualizer

There are 9 types of visualizers in x-DJ. visualizer
In some cases, you can manually change them.

To switch visualizers

1 Press while the visualizer is displayed.

A visualizer selection bar appears.







Press to select the visualizer you want to switch to.

After selecting the visualizer you want to switch to, wait for a while,
and the visualizer you want to switch to will be displayed in full screen.

vinegar.

Operations while the visualizer is displayed By

pressing the following buttons while the visualizer is displayed, you
can make various changes to the sound being played and the visualizer.
to come.

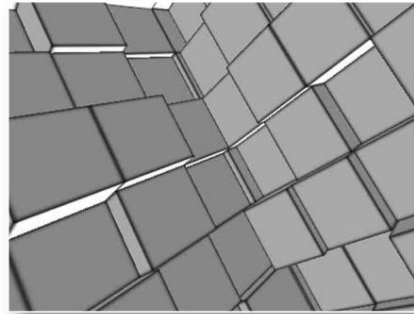
Remote control button	Effect
	Display the visualizer selection bar and switch the visualizer.
	Various changes to the visualizer add
	A scratch effect is added. vinegar.
	End auto play.
	Manipulate the filter to change the sound increase.
	Play another song in the song selection list. vinegar.

* Analog of the separately sold "PSX" dedicated analog controller (DUALSHOCK 2)


You can scroll the selection list by rotating Gustic L,
Scratch effects are added by rotating the analog stick R.

vinegar.

Cube



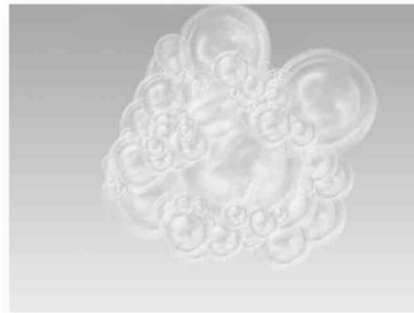
 Press : Ripples will occur.


 Press : Move the camera forward or backward.

Press L2: Zoom in and out on the visualizer.

Press R2: Automatically change visualizer.

Bubble



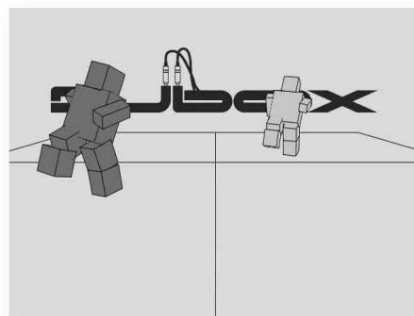
 Press : Bubbles change.

 Press : Background changes.


Press L2: No more bubbles.

Press R2: Automatically change visualizer.

Robot



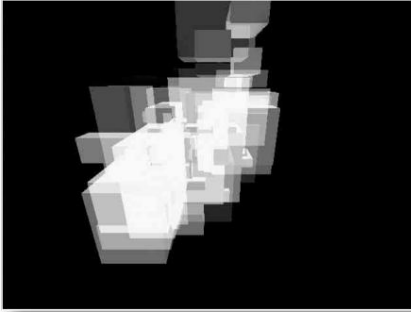
 Press : The robot jumps. When is

 pressed: Change the operation target.

Press L2, R2: The color of the robot changes.

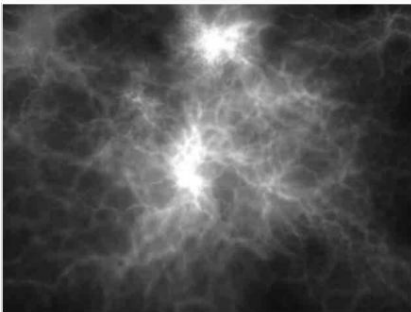
Rotate the analog stick L on the analog controller: The direction of the robot changes.

Fractal Box



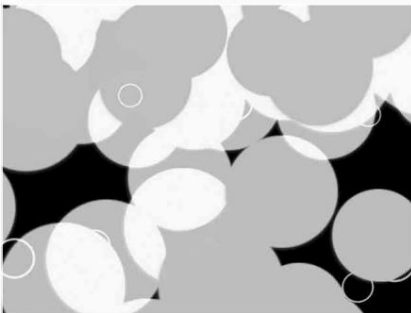
- △, L3, R3: Change the box generation direction.
- Press : Move the camera forward or backward.
- Press L2: Camera rotates.
- Press R2: Automatically change visualizer.

Synapse



The color changes depending on the position of the filter.

Explosion



The color changes depending on the position of the filter.

Dust

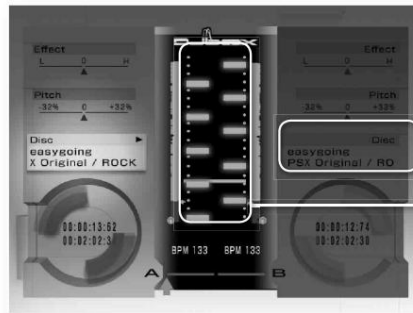


- △ Press: gas can be stopped or started increase.
- Press : Move the camera forward or backward.
- Press L2: Gas shape changes.
- Press R2: Automatically change visualizer.

Still image



DJ set screen



disc panel
beat guide

On the DJ set screen, you can see how the DJ set is controlled and played by AIDJ . disc panel


Displays the name of the song currently playing. Use L1 and R1 to connect to the next song. beat guide

A visual representation of the beat of a song.




Music

Music function list

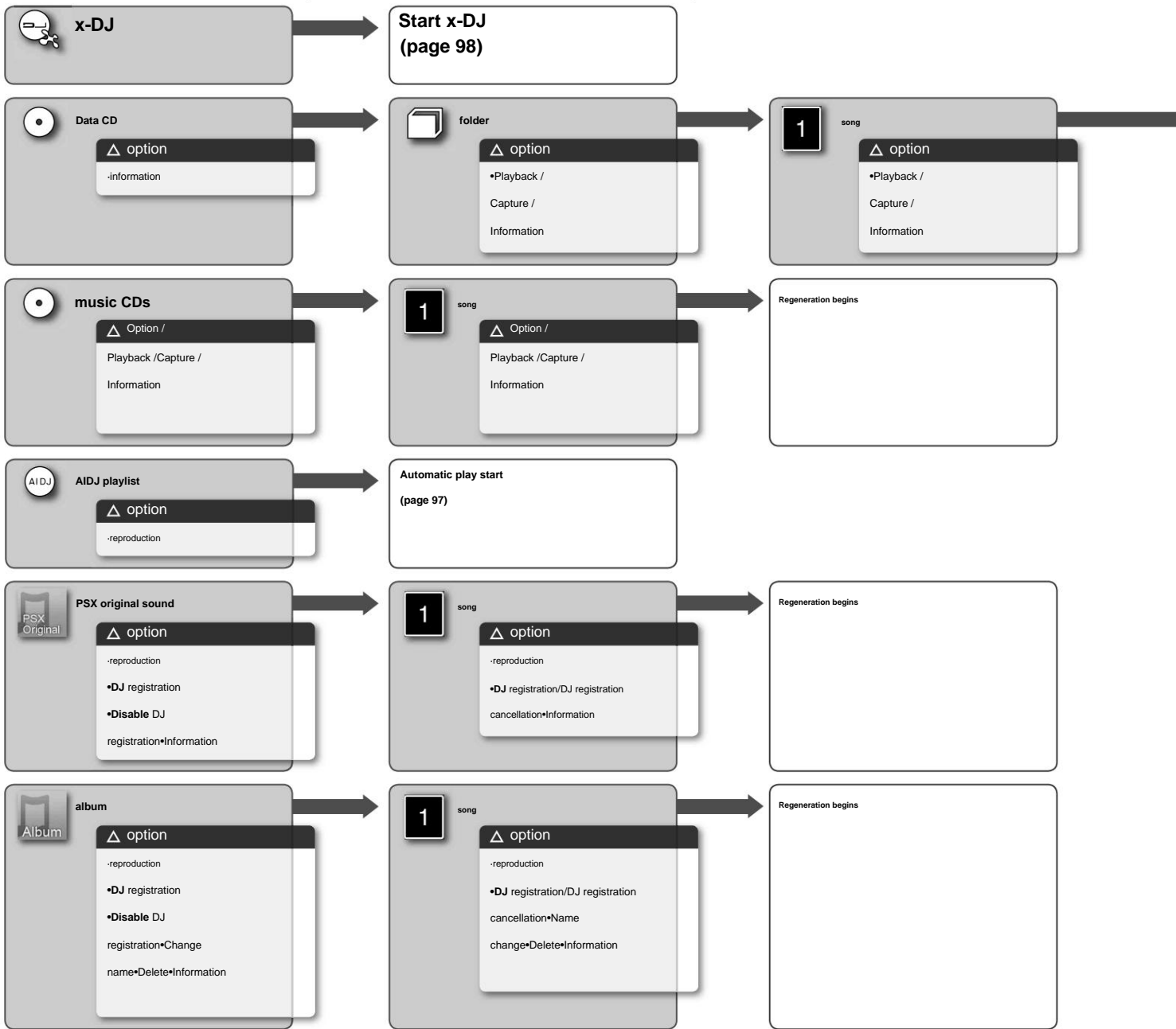
 is an optional feature that appears when you press . See page 103 for details.



Music

 when you press

 when you press



決定 when you press

Regeneration begins

Description of optional features

option name	what you can do
reproduction	Plays the selected music CD, album or song.
uptake	Import songs from a music CD or CD-R to the hard disk of this unit . For details, see " Importing CD songs to this unit " (page 94) and "Importing MP3 songs to this unit" (page 96) .
rename	<p>Change the names of albums on this unit and songs saved in albums.</p> <p>vinegar.</p> <p>Select [Rename] and press OK to display a keyboard on the screen. Use the keyboard to change the name.</p> <p>For details on how to use the keyboard, see "Checking the character input method" (page 44).</p>
DJ registration	<p>Songs imported to the hard disk of this unit can now be played on x-DJ.</p> <p>I will.</p>
Unregister DJ	Prevent x-DJ from playing.
delete	<p>Albums on this unit or saved in albums</p> <p>Delete existing songs.</p> <p>* Songs recorded on CDs and PSX Removed songs with original sound you can't.</p>
information	<p>Information about CDs, folders, songs, etc.</p> <p>Display, artist name, etc. can be changed.</p> <p>Also, the genre set in the song can also be changed.</p>



Music

List of discs that can be played with Music (play music)

See page 105 for caution.



Only music CDs and CD-Rs can be played on this unit.

CD-RW is not supported.

Creating a CD-R using a computer, etc., for playback on this unit

For the method, refer to "Playing MP3 files saved on a CD-R on this unit."

Please refer to "Precautions when using the camera" (page 105).

disk kind of	Disc name logo	CD	CD-R
			
explanation		music and voice recorded city sales software	CD recorder or computer music made with con CDs and MP3 files <small>Regeneration possible</small>

This unit cannot write music to a CD-R.

Notes on "Enjoying Music"

Notes on "Playing Music"

- CDs created on a computer may not play.
- Some CDs may not be playable on this unit.
- The HD layer of SACD cannot be played.

Precautions when playing DTS audio


from a CD When playing a CD recorded with DTS, extremely loud noise will be output from the analog output. When connecting the analog outputs of this unit to an amplifier, extreme care must be taken to avoid damaging your system. To enjoy DTS Digital Surround™ playback, you must connect an external 5.1-channel DTS Digital Surround™ decoder to the digital output of this unit. Audio without built-in DTS decoder

If you play DTS audio from a CD while connected to an audio device, noise is heard from the digital audio output.

Notes on "Importing to this unit"

- Importing** songs from a CD that does not conform to the CD standard into this unit is you can't.
- The following CDs cannot be imported to the hard disk of this unit.
 - Label Gate CD - Copy
 - Control CD
 - ÿ DTS-CD
 - Music CD recorded on CD-R
- When** importing tracks from a CD into this unit, press the ÿ button or ÿ/ÿ (power (source) button).
- Music** discs with copyright protection technology that does not conform to the CD standard may not be imported.

Notes on "Enjoying DJ performances using songs saved on the hard disk (x-DJ)"

- Continuing to look directly at the Visualizer in a dark room may cause symptoms such as epilepsy. Brighten the room or switch the Visualizer to a still image.
- For some songs, the correct tempo may not be displayed.
-  If you delete "DJbox sound data" or "x-DJ user data" displayed in (Game), your DJ registration will be cancelled .
- Songs registered as a monaural MP3 file to the DJ will not play correctly.
 - may not be
- The following MP3 files cannot be registered as a DJ.
 - Invalid file header
 - Songs less than 1 second or longer than 1.5 hours

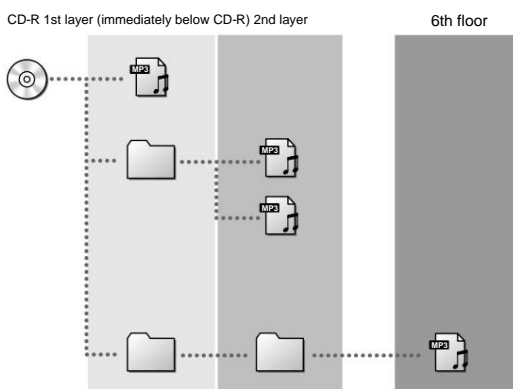
Precautions when playing MP3 files saved on a CD-R on this unit

MP3 files that can be played on this unit must be saved using the following methods.

CD-R only. MP3 files saved in other ways cannot be played.

Folder and file creation/storage locations

Can recognize files and folders written by increase.



- Do not create more than 40 folders on one CD-R.

•Do not save more than 101 MP3 files in one folder. please leave

•Folders saved in the 6th hierarchy are not displayed.

Precautions when naming folders and files

•Set the file name within 64 characters.

•Half-width characters such as "<", ">", "|", ":", "/*", "\", "¥", ":", "ÿ" Please do not use.

- File names and folder names may not be displayed correctly if they do not conform to ISO9660 Level 1, Level 2, Extended Format (Joliet).

- When naming the file, add the extension ".mp3" to the end of the file.

•If you add the extension ".mp3" to a file other than MP3 format, the file may be played back, which may cause noise or malfunction.

- File names of MP3 files on a CD-R may not be displayed correctly due to the character limit.

•This unit supports only ID3 tag version 1.0. Also, the genre may not be displayed correctly for some files.

•The file name of the MP3 file imported to the hard disk is The ID3 tag track name is displayed, but the number of characters is limited.

Precautions when writing MP3 files to a CD-R on a computer

•Please write with "Disc at once".

- Do not write to a CD-R that has already been written.

•Depending on the state of the disc, it may not be possible to play it.

•Discs recorded in multisession cannot be played.

•CD-RW is not supported. Always use a CD-R please.

•Packet light is not supported.

Formats supported by this unit

CD-R file system file name character limit	
ISO9660 Level 1	8.3 Form
ISO9660 Level 2	Maximum 31 characters (including extension)
Extended format (Joliet only)	Max 64 characters (including extension)

Standards for writing to CD-Rs supported by this unit

project	MPEG1 Compatible	MPEG2 Layer3
write mode	with mode 1 and mode 2 (Form1)	
Compression method (sampling rate)	48KHz, 44.1KHz, 32KHz	24KHz, 22.05KHz
bit rate	32k ~ 320kbps VBR is also possible*	8k ~ 160kbps VBR is also possible*
number of files	100 (per folder)	
39 albums (folders)		
Album (folder) hierarchy	6	
No multi-session support		
m3u playlist	Unsupported	
mp3PRO format	incompatible	

* For VBR, the playback elapsed time display may differ from the actual time.

Notes on "List of discs that can be played with Music (play music) "

This product is a music disc that complies with the Compact Disc (CD) standard.

It is designed on the premise of playing a disc. How many recently

Equipped with technology for copyright protection by a certain record company

There are many music discs available for sale, some of which are

Some discs do not conform to the CD standard, and cannot be played or imported with this product.

may not be able to read.

This unit does not support the following discs

• CD-RW

•Video CD

•Super VCD

•HD (High Density) layer of Super Audio CD



enjoy photos

Play photo

See page 116 for caution

Photos taken with a digital camera or imported to this unit can be displayed. You can also use a "Memory Stick" or Photos stored on data CDs can also be displayed.

Step1



with $\overline{\Delta}$ Select (Photo).

Step2



Use $\overline{\Delta}$ to select ("Memory Stick"), $\overline{\square}$ (digital camera), $\overline{\circ}$ (data CD), (album) or (sample album), then press $\overline{\Delta}$.

Step3



Select a photo or video and press $\overline{\Delta}$.



Explanation of icons that can be selected with

icon	Select $\overline{\Delta}$ press
x-Pict Story Edit	Displays the screen for creating or modifying x-Pict Story.
Sample x-Pict Story	Displays the x-Pict Story registered at the time of purchase .
x-Pict Story	Displays works created with x-Pict Story.
sample album	Displays the albums registered at the time of purchase.
Album Photos	saved in the album Display the list.

When connected or when inserting a "Memory Stick" icon displayed in

icon	Select $\overline{\Delta}$ press
"Memory Stick"	Displays a list of photos saved on the "Memory Stick".
Digital camera	Displays a list of photos saved in the digital camera.
Data CD	Displays a list of photos saved on the data CD disc.

Photos and videos that can be played back on

this unit •Photos that can be played back on this unit are compressed File name format is DCF format* in JPEG format .

*In the catalog, the expression DCF standard is used.


- Movies that can be played back on this unit are MPEG1 format movies shot with a Sony digital still camera "Cyber-shot" .
- Sony's digital still camera "Cyber-shot" can be connected to this unit via USB to play back stored photos and videos.
- For notes on creating a CD-R, see "Notes on playing photos saved on a CD-R on this unit" (page 117).
- Some functions may not work properly with JPEG photos other than DCF format (still images processed on a computer, etc.). I will.
- High bit rate MPEG1 format such as HQ mode and VX mode Expression videos may not play properly.
- Videos cannot be displayed as a slide show.
- Thumbnails are displayed for photos with large file sizes. It may take some time.


•While playing music, pausing a video, or playing an MPEG1 movie, there is no support. thumbnails may not be displayed.


*1 The unified standard "Design rules for Camera Files systems" established by the Japan Electronics and Information Technology Industries Association .

If you select or in Step 2 ,

In Step 3, the folders saved in the "Memory Stick", digital camera, or disk are displayed.

or a folder containing videos and press 

 Press to view photos and videos saved in the selected folder. list is displayed, select the photo or video you want to see, and press


 Please press.

When using a "Memory Stick" or digital camera, up to the third layer is displayed. You can

Control photos and videos that are playing

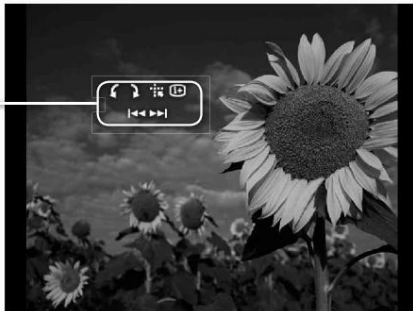
Step1



Press while viewing a photo  The operation panel will be displayed.

Step2

control panel













 Press to select the icon you want to use. 

Press.

When viewing photos, the icon on the right is It shows.

Icons that can be used on the operation

panel Some icons may not be displayed depending on usage conditions.

icon	Select  press
 Rotate (left) Rotates the displayed image 90 degrees counterclockwise.	Let
 Rotate (Right) Rotates the displayed image 90 degrees clockwise.	Let
 Album cover registration	Register a photo as an album icon.
 Screen display	Switches the screen display.
 <small>forward</small>	View the previous photo.
 <small>backward</small>	View the next photo.
 <small>reproduction</small>	Play the stopped video.
 Pause	Pauses the video that is playing.
 stop	Stop the video that is playing.



photo




Display in order (slide show)

Displays photos saved in albums on the unit in order.



When all the photos in the album have finished displaying, the display will end automatically. increase. If there are many photos (files), the operation may take some time.

This is not a malfunction.

Step1




Press  to select Home Menu.  (fo Select [Album] from (Album) and  press .

Step2

Select [Slideshow] with , then  press .

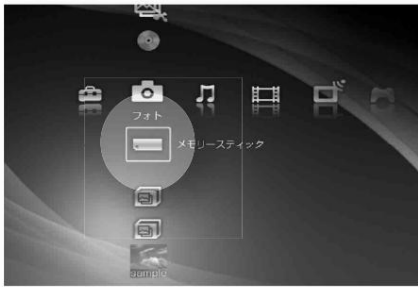
Import to this unit




See page 116 for caution

 ("Memory Stick") or
  (Digital camera),
 You can import photos and videos saved in (Data CD) to this unit.
 You can

Import by folder

Step1



Press **Y** to select Home Menu.  (fo from ("Memory Stick") or  (digital camera), (data  CD) and press **Enter**.

Step2



Select the folder you want to import with **Y** and press **Enter**.
 A folder options menu will appear.

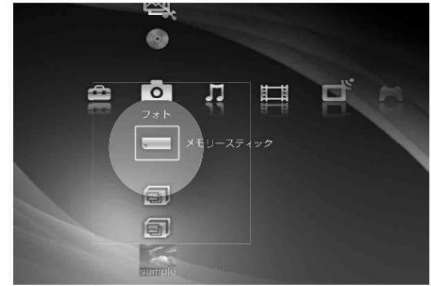
Step3






Select [Import] with **Y** and press **Enter**.
 Importing will start. on screen instructions
 Then import the folder. finger
 Photos and videos are imported to the specified album.
 increase.

Import photos and videos

Step1



Press **Y** to select Home Menu.  (fo from ("Memory Stick") or  (digital camera), (data  CD) and press **Enter**.

Step2



Select a folder with **Y** and press **Enter**.

Step3



Y to select the photo or video you want to import. **Enter**.
 Press.

Step4



Select [Import] with **Y** and press **Enter**.
 Importing will start. on screen instructions
 So please take pictures and videos.

Create a photo work using photos in an album (x-Pict Story)

See page 117 for caution

Photos saved in albums on the hard disk of this unit and
Combining pre-prepared music, etc.,
You can make Lufoto works.
Convert the created photo work into a video image and put it on a DVD, etc.
You can also dive.

Step1



Press **⏏** to select Home Menu. **📷** (fo
Select (x-Pict Story Edit) from (x-Pict Story Edit)
決定 and press **.** The x-Pict Story creation screen
will be displayed.

Step2



Select [New] with **⏏** and press **決定**

Step3



Use **⏏** to select the album for which you want to
create an **決定** x-Pict Story, then press **.** If there are many
albums, it may take a long time to display the
thumbnails.
There is a match.

Step4



Select a song with **⏏** and press **.**

For music that can be used with x-Pict Story, see
"About music that can be used with x-Pict Story"
(page 110).

Step5



決定 Press.
The work will be played, so check the content,
please.

Step6



Select [Save] and **決定** press **.**

Step7



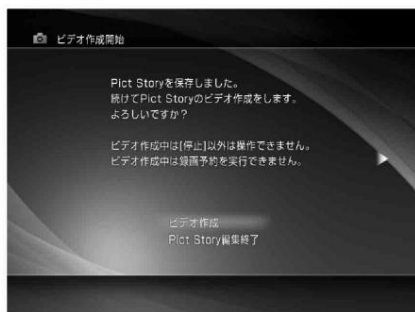
Enter the name of the work with the keyboard.
After entering the name, the work is saved.

increase.



photo

Step8



Press **ÿ** to select [Finish Editing Pict Story] or [Video Create Audio] and press .

Do not save this work as video footage

select [Finish Editing Pict Story]. please.



When you want to save as a (video) image , select [Make Video].

The device will automatically create the video footage.

While working on the video, x-Pict Story works will be played. Video creation work is finished

Please wait until

x- Pict

The end screen of story editing is displayed.



The footage of the created video is in the video category It will be saved.

When you want to stop video creation work in the middle

Press **ÿ** (stop button or recording stop button) on the remote control. please.

Music available in x-Pict Story

The music that can be used with x-Pict Story is pre-registered on the unit. I have the following songs.

song title	genre
1 afternoon tea	LATIN
2 Bossa Samba	LATIN
3 Ryukyu	WORLD
4 Sea wind	WORLD
5 Cycling	HOUSE
6 fairy, airily, Mary	HOUSE
7 Fighting spirit	TRANCE
8 Resort	TRANCE
9 Heaven and earth	NEW AGE
10 Memories	NEW AGE
11 Mystique	NEW AGE
12 Omoide	NEW AGE
13 Poetry of breeze	NEW AGE
14 sleepin' baby	NEW AGE
15 wish	NEW AGE
16 Boogie night	POPS
17 fragrance	POPS
18 Greeting puppet	POPS
19 Jellybeans	POPS
20 Jungle Park	POPS
21 Orange road	POPS
22 Playful Kids	POPS
23 easygoing	ROCK
24 Strike!	HARD ROCK
25 Party of Love	TECHNO
26 Wave motion	TECHNO
27 another days	FUSION
28 midnight appointment you	FUSION
29 Glory	SOUND TRACK
30 Merry-go-round	SOUND TRACK

Play x-Pict Story works

Step1



Press **yyyy** to select Home Menu. Select (Photo), (Sample x-Pict Story), (x-Pict Story) and press.

Step2



Select the x-Pict Story work you want to play with **yy** and press.

Step2



Select the x-Pict Story work you want to modify with **yy** and press.

Step3



Select [Edit Pict Story] with **yy** and press .

Step4



Select a song with **yy** and press.

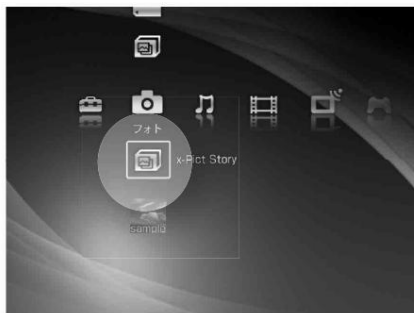
For music that can be used with x-Pict Story, see "About music that can be used with x-Pict Story" (page 110).

stomach.

Modify x-Pict Story works

You can change the music of x-Pict Story works that have already been created. If you change the music, according to the changed music, The machine will automatically recreate the x-Pict Story work.

Step1



Press **yyyy** to select (x-Pict Story) from (Photo) in the home menu. Press.

Step5



Press.

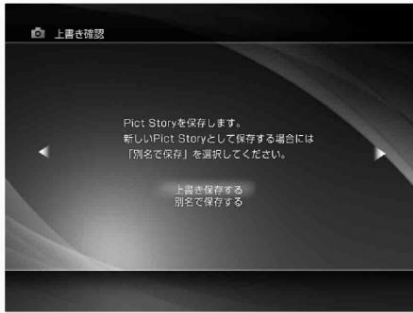
The x-Pict Story work will be played, so check the content.

Step6



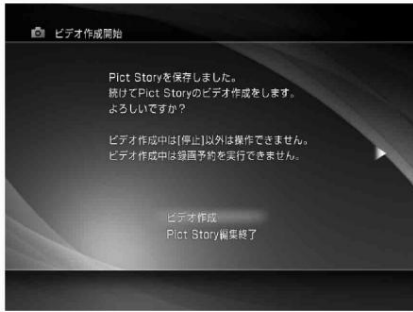
Select [Save] and press .

Step7




Select the saving method with **↑** and press .
 If you select [Save As], a key will appear on the screen.
 A board will appear. use the keyboard
 and enter the name of the video work.

Step8



Press **↓** to select [Finish Editing Pict Story] or [Make Video] and press . Do not save this work as video footage select [Finish Editing Pict Story]. please.

 When you want to save as a (video) image , select [Make Video].

The device will automatically create the video footage.

The work of x-Pict Story is played during video creation work. Video creation work is finished

Please wait until

x- Pict

The end screen of story editing is displayed.

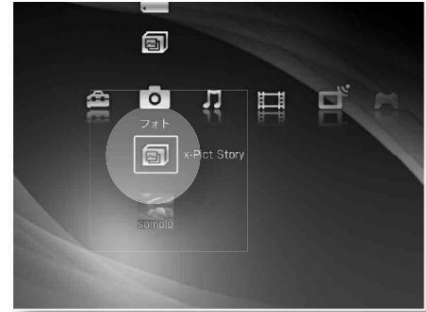
The footage of the created video is in the video category

It will be saved.

Converting an x-Pict Story work into a video image You can

convert an x-Pict Story work into a video image even after you have finished creating an x-Pict Story.

Step1



Press **↑** to select (x-Pict Story) from (Photo) in the home menu. Press.

Step2



Use **↓** to select the x-Pict Story work you want to use as a video image and press .


Step3



Select [Create Video] with **↓** and press . The video creation start screen is displayed.

Step4



Select [Create Video] with  and press . Video creation will start.

The work of x-Pict Story is played during video creation work. Video creation work is finished

Please wait until


x- Pict

The end screen of story editing is displayed.



photo

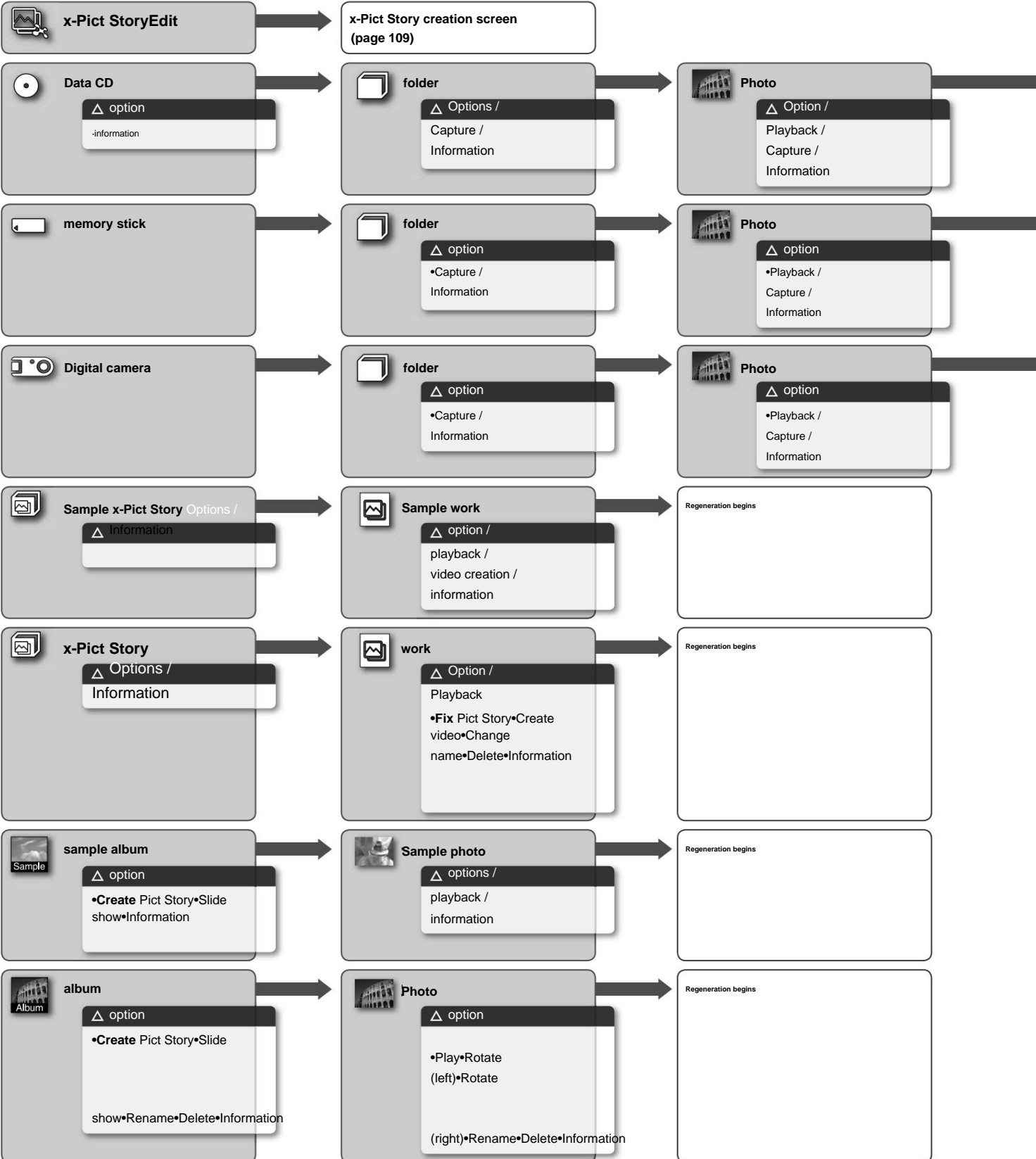
Photo function list

 is an optional feature that appears when you press . See page 115 for details.

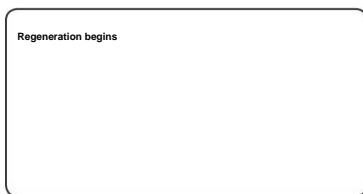
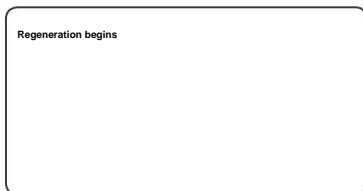
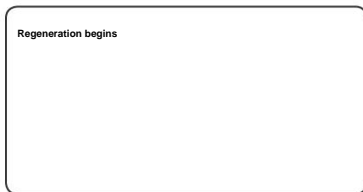


 when you press


 when you press



決定 when you press



Description of optional features

option name	what you can do
reproduction	Created with selected photos or x-Pict Story play back the video.
Create Pict Story	Displays the creation screen for x-Pict Story editing. indicate.
Pict Story fix	Displays the correction screen for x-Pict Story editing. indicate.
slide show	Saved in the selected album Display photos in order.
uptake	"Memory Stick" or digital Stored in the camera, data CD folders and photos stored in the hard disk of the unit. to a hard disk.
rotate (left)	saved in the album of the unit Rotate the photo left by 90 degrees.
rotate (right)	saved in the album of the unit Rotate the photo right by 90 degrees.
video creation	The work created with x-Pict Story ,  (Video) to convert and register.
rename	The name of the album and the name of the album Rename a stored photo increase. If you select [Rename] and press OK, keyboard appears on screen so use the keyboard to enter the name Please change. Learn more about how to use the keyboard. or "Check the character input method" (page 44).
delete	Albums saved on the unit or Delete photos.
information	Information such as creation date and time is displayed. vinegar.



photo

Discs that can be played with Photo

CD-R is the only disc that can be played back with Photo on this unit. CDs RW is not supported.

Use a device other than the PSX (computer, etc.) to play back on this unit.

For instructions on how to create a CD-R, refer to "Playing photos saved on a CD-R on this unit."

Please refer to "Precautions when using this function" (page 117).



photo

Notes on "Enjoy Photos"

Notes on "Playing Photos"

- Photos edited on a computer may not play back on this unit.
increase.
- Do not remove the "Memory Stick" or the USB cable connecting the digital camera while displaying or importing photos .
- Some photos may take time to display.

Operations when there are many photos (files)

When there are many photos (files), the following operations may take time, but this is not a malfunction.

Also, turning off the power during these operations may cause a malfunction.

Please note that there are

- Capture by folder*¹

View thumbnails*²

- Play slideshow
- Play x-Pict Story •

Create and modify x-Pict Story

¹ Importing a large number of photos at once may take 30 minutes or more.

² It may take some time to display depending on the size of the photo and the location where it is saved.

I will.

Notes on displaying photos This

unit does not support voice memos.

Notes on "Importing to this unit"

When importing an entire folder, the folder you are importing

You can import only the photos inside the folder. take

Folders inside the folder you are trying to load, and other

You cannot import photos that are in folders of

Hmm.

About the time it takes to complete the import of photos

When you import photos, the number of photos (number of files)

Depending on the circumstances, it may take a very long time*.

It's not an obstacle.

Turning off the power while importing photos may cause malfunction.

Please note that there are * It may take

30 minutes or more to import a large number of photos at once.

Notes on "Creating a photo work using photos in an album (x-Pict Story)"

- After creating an x-Pict Story work, if you perform the following operations on the album used in the work, the photos played in the work may change. - Add photo to album - Delete photo from album - Rename photo from album - Rotate photo from album

However, the x-Pict Story footage saved in the Video category remains unchanged.

- If you delete all the photos in the album, you cannot play or edit them. I can't

Operations when there are many photos (files) When there are many photos (files), the following operations take time.

This is not a malfunction.

Also, turning off the power during these operations may cause a malfunction.

Please note that there are

- Capture by folder*

View thumbnails* ²

- Play slideshow
- Play x-Pict Story •

Create and modify x-Pict Story

¹ Importing a large number of photos at once may take 30 minutes or more. It may take some time to display depending on the size of

² the photo and the location where it is saved.

I will.

Precautions for "Making an x-Pict Story work into a video image"

While an x-Pict Story work is being saved as a video, the following operations and functions will not work.

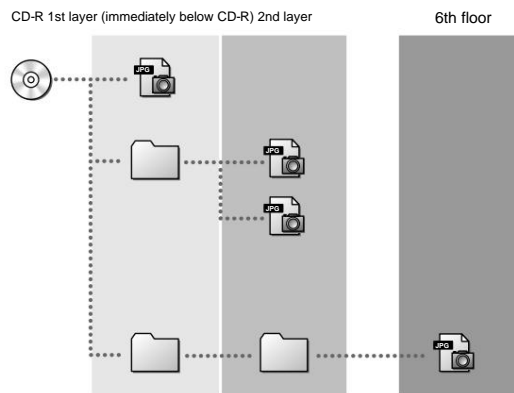
- Scheduled recording
- Capture photos
- Import music - Dubbing
- Change settings

Precautions when playing photos saved on a CD-R on this unit

Only pictures saved on a CD-R can be played back on this unit using the following method. It is not possible to play back photos saved in any other way. you can't.

Where to create and save folders and files

If the first layer is directly under the CD-R (root), this unit is up to the sixth layer. You can recognize files saved in .



Precautions when recording folders and files on a CD-R

- Do not create more than 40 folders on a single CD-R.

- Do not put more than 201 photos or videos in one folder. please.

- The 6th level folder is not displayed.

Precautions when naming folders and files

Set the file name within 64 characters.

- Half-width characters such as "<" ">" "|" " " "/" "?" "*" "" "\" "¥" ".:" "y" Please do not use.
- File names and folder names may not be displayed correctly if they do not conform to ISO9660 Level 1, Level 2, Extended Format (Joliet).
- When naming a file, add an extension at the end of the file that matches the contents of the file. Please add either ".JPG" or ".MPG" to the file extension .
- Add ".JPG" to the extension of JPEG image files and ".MPG" to the extension of MPEG1 video files . If you play a file whose extension and file contents do not match, the operation of this unit will become unstable.

Precautions when writing to a CD-R on a computer - Write using "Disc at once".

- Do not write to a CD-R that has already been written.
- Depending on the state of the disc, it may not be possible to play it.
- Discs recorded in multisession cannot be played.
- CD-RW is not supported.
- Packet light is not supported.

Formats supported by this unit

CD-R file system	file name character limit
ISO9660 Level 1	8.3 Form
ISO9660 Level 2	Maximum 31 characters (including extension)
Extended format (Joliet only)	Max 64 characters (including extension)



enjoy the game

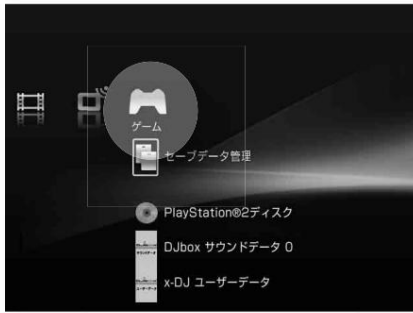
play the game

See page 122 for caution

You can enjoy game software compatible with "PlayStation" and "PlayStation 2". Supports installation on hard disk

The game software that has been installed is also installed on the hard disk of this unit. can be tolled. For preparation when using the game For details, see "Preparing for the game" (page 27).

Step1



with $\ddot{y}\ddot{y}$  Select (Game).



Step2



Press $\ddot{y}\ddot{y}$ to select (Disk) or (Install game) and press . 

To start a game on a game disc After inserting

the game disc, press $\ddot{y}\ddot{y}\ddot{y}\ddot{y}$ to

of  Select (Disc) from  (Game).


The "PlayStation" or "PlayStation 2" game will start.

If you insert a game disc while the unit is turned off When you

insert a game disc that can be played on the unit, the unit automatically powers on.

After the source is turned on, the game startup screen will be displayed.

To start a game installed on the player, press $\ddot{y}\ddot{y}\ddot{y}\ddot{y}$ to

select (Tall Game) from the home menu  (Instrument)



The game startup screen for "PlayStation" or "PlayStation 2" is displayed. will be

For information on how to operate the game, refer to the instruction manual included with the game software.

please look at.

Install the game on your hard disk

For information on how to install the game, please refer to the explanation provided with each game.

Please see the book.

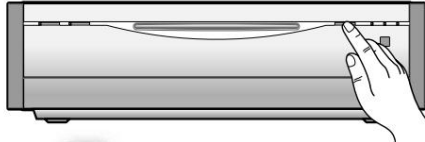
Only games that support installation on the hard disk can be installed on this unit. can be installed on your hard disk.

quit the game

See page 123 for caution

The home menu is displayed even when the home button is pressed during the game.
can not do. Using functions other than games on this unit
, press the QUIT GAME button before
Press the home button to display the home menu.

Front of the machine



QUIT GAME Press.




After a while, a blue mark will appear on the upper right of the screen.



After a while, the blue mark on the upper right of the screen disappears.



The last displayed TV channel is displayed.


 Press to display the home menu and use the machine.
when.

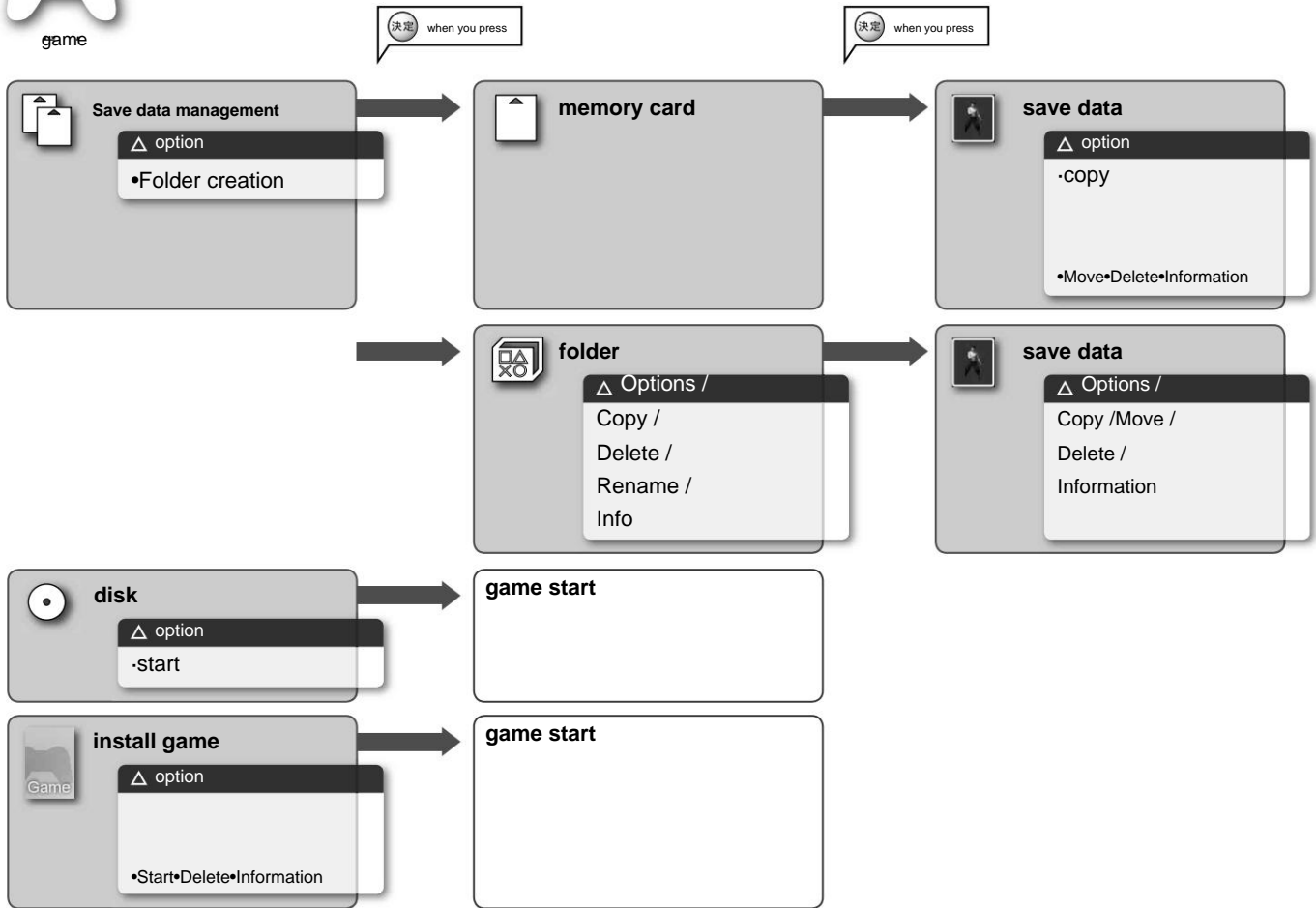
Even if you press the QUIT GAME (quit game) button, recording or reservation
The image does not stop.



game

Game feature list

 is an optional feature that appears when you press . See page 121 for details.



If you register as a DJ using music, "DJbox sound data" and "x-DJ user data" will be displayed.





Explanation of icons that can be selected with

icon	Select a press
Save data management	Memory card (8MB) for exclusive use of "PlayStation 2" , memory card, or save game data Show folders.
install game	Install on hard disk to start the game you created.

Icon that appears when a disc is inserted

icon	Select a press
Disc of the inserted game disc	Start playing.


Description of optional features

-  (Save data management)
-  (memory card)
-  (folder)
-  (Save data)

Save data management, folders and memory cards, save data

Different options are displayed depending on the data.

option name	what you can do
Create folder	Create a folder.
rename	Rename the folder. If you select [Rename] and press OK, keyboard appears on screen so use the keyboard to enter the name Please change. Learn more about how to use the keyboard. or "Check the character input method" (page 44).
copy	Duplicate folders and save data increase.
move	Save data to another "PlayStation 2" dedicated memory card (8MB), media molly card, go to folder increase.
delete	Delete folders and save data increase.
information	Regarding folders and save data Information is displayed.

 (disk)

 (Install game)

The options displayed by the disc or game title are
it's different.



option name	what you can do
start	Play the game of your choice.
delete	Games installed on your device Delete * Delete games recorded on disc you can't.
information	Information about the game is displayed. vinegar.



game

List of discs that can be used in games

"PlayStation 2" standard DVD-ROM

logo	
Mark (logo) on the disc	"PS" when "PlayStation 2" logotype and  when "FOR JAPAN ONLY" notation
disc color	Silver/Gold
what you record	audio + video
disk size	12cm

"PlayStation 2" standard CD

logo	
Mark (logo) on the disc	"PS" and "PlayStation 2" logotype and  "FOR JAPAN ONLY" notation
disc color	green
what you record	audio + video
disk size	12cm

"PlayStation" standard CD

logo	
Mark (logo) on the disc	"PS" and "PlayStation" logo  when "FOR JAPAN ONLY" notation
disc color	black
what you record	audio + video
disk size	12cm



game

game

Notes on "Enjoying the Game"

Notes on "playing games"

- Some games cannot be played on this unit.
- This unit can be used with "PlayStation" or "PlayStation 2".
Not compatible with instruments.
 - "PlayStation 2" dedicated multi-tap
 - Ÿ"PocketStation"
 - Multi AV cable (VMC-AVM250)
- Some devices compatible with "PlayStation" or "PlayStation 2" cannot be used with this unit.
- This unit has only one USB port.
It is not possible to play by connecting two controllers at the same time.
Even if you use a commercially available USB hub, you cannot play by connecting two at the same time .
- The DV IN terminal on the front of the unit is a connection terminal for DV equipment.
Even if i.LINK compatible game controller is connected, it will not work.
- This unit does not support the following "PlayStation 2" discs.
 - plug.
 - Ÿ"PlayStaion BB Navigator"
 - "PlayStation 2" exclusive DVD Player
 - Linux (for PlayStation®2) - Utility disk
(As of March 2005)
- Even if you try to save game data that requires a memory card (8MB) dedicated to "PlayStation 2" or that requires more space than the available space on the memory card, you will not be able to save.
Before playing the game, check the space required for saving data and the free space on the card. For the capacity required to save data, please refer to the instruction manual that comes with each game.
- The D terminal does not support "Playstation" discs.
When playing a "Playstation" disc, video may not be output to the D terminal.
- You cannot manually stop recording on this unit while playing a game.

Precautions when using game discs•Using discs

containing "PlayStation 2" standard software or "PlayStation" standard software on other models may damage the device or cause damage to your ears, eyes, or other parts of your body. Please do not do this as it may affect you.

- When inserting a "PlayStation 2" standard software disc or a "PlayStation" standard software disc into this unit, be sure to insert the disc into the disc slot with the label side (the side on which titles, etc. are printed) face up.

- "PlayStation 2" standard software, "PlayStation" standard or

The standard software disk is

NTSC J

ation with the notation of

Only compatible with

Discs purchased overseas This unit supports

the NTSC color television system. Sea

purchased outside **NTSC U/C**, **NTSC C** and

PAL "PlayStation 2" standard CD-ROMs and DVD-ROMs marked with , and "PlayStation" standard CD-ROMs cannot be used with this unit.

Never remove the "PlayStation 2" **dedicated memory card** (8MB) or memory card in **the following cases: When copying save data**

- Save data to another "PlayStation 2" dedicated memory card (8MB) or when moving to a memory card
- When deleting a folder
- When deleting save data

About "PSX" Certification

"PSX" is "DNAS" (Dynamic Network Authentication

System), Sony Computer Entertainment Inc.'s proprietary software that enables copyright and security protection

I am using an authentication system. Deactivator for this system

or transfer, hand over, exhibit, export the program,

Importing or transmitting is prohibited by law.

vinegar. In addition, content compatible with "DNAS" can be used on other "PSX" or

It cannot be used on "PlayStation 2".

Notes on quitting the game

Pull out the disc and press the QUIT GAME (game end) button

Some games cannot even be finished.

In this case, insert the disc again. For games without a disc, wait for a while before pressing the QUIT GAME button.

press again.

Notes on displaying folder information You cannot

save or load game data in save data management. How to save and load game data

For details, please refer to the instruction manual that comes with each game.

When using an S-video cable to connect this unit to a wide-screen TV (TV with a screen aspect ratio of 16:9)

When enjoying the game, use the wide switching function of the TV,

Change the screen aspect ratio to 4:3.

If you display the game screen on the TV with 16:9, the game screen

Top and bottom are not displayed correctly.

Connect the unit and the TV with a cable other than an S-video cable. the above changes are not required.



4:3 on the TV side
switch



game

For information on how to switch TV screens, refer to the installation instructions for your TV.

Please refer to the instruction manual.

When using a controller developed specifically for a specific game

If you connect the dedicated game controller when not using the game,
The machine may not operate properly. enjoy the game

When not in use, remove the dedicated game controller and use the included remote control.
and separately sold "PSX" dedicated analog controller (DUALSHOCK
2) Operate the unit with (DESR-10).

Precautions when using a dedicated game controller

When you enjoy games that

Please insert the roller.

- Select the game's [Disk icon] or [Game icon]

 Press.

- When the game screen appears, connect the dedicated game controller. Do not insert the dedicated game controller before the game screen is displayed.

When you plug in the game controller, the game controller

There are games that can only be operated in LA. Included remote control
and separately sold "PSX" dedicated analog controller (DUALSHOCK

Note that you may not be able to operate in 2).

stomach.

Before removing the dedicated game controller, turn off the power of this unit.

Please remove it from

Precautions when playing games with the supplied remote control


- Depending on the game, remote control button operations may not work properly.
may not be.
- Pressing multiple buttons on the remote control at the same time does not work.

Setting up this unit

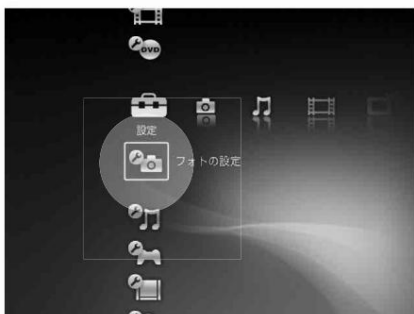
How to display the setting screen

Step1



with **ŷŷ**  Select (Settings).

Step2



Press **ŷŷ** to select the icon of the item you want to set.

 Press.



The selected setting screen is displayed.

Precautions when setting the unit When

the unit is in the following states, some items cannot be set.

increase.

- Are you preparing for scheduled recording or automatic recording (x-Omakase / Maru-Roku)?
to end of recording
- When recording a TV program
- When acquiring program information
- During optimization


set up the tv

Manually set the receiving channel

1 Select [Manual channel setting] from the TV setting screen with **ŷŷ**.

 Press.



2 Select the channel you want to set with **ŷŷ** and press  Press **ŷŷ** to

select the receiving channel and press **ŷ**. 4 Select the guide channel

with **ŷŷ** and press **ŷ**. You can manually set the channels to be displayed

in the program guide. Refer to "Area code list" (page 19) and "Guide channel list" (page 26) to set.

When watching BS broadcasting via CATV (cable television), the BS channel may be different. In such cases, set the BS broadcast guide channel to the channel receiving the BS broadcast.

For information on BS broadcast guide channels, see "About BS broadcast guide channels" (page 21).

5 Press **ŷŷ** to select the channel skip setting and press **ŷ**.

Item list

 do

Makes it impossible to select a station.

 do not do

Allows you to select.

6 Select the GRT setting with **ŷŷ** and press **ŷ** (DESR-7700 only).


Item list

 cut

It is insensitive to the deghosting reference signal sent by the broadcaster.

 enter

Detects the ghost removal reference signal sent from the broadcasting station and reduces ghosts caused by jamming waves caused by buildings, terrain, etc.

7 Select the automatic tuning setting with **ŷŷ** and press .

Item list

 do

Automatically adjusts for optimal reception.

 do not do

You can manually adjust the reception status on the "Channel Fine Tuning" screen.

8 Press when the settings are complete.

please note

- **GRT** works after a few seconds after switching channels, The ghosts are decreased in order from the strongest ghosts. At this time, the image may flicker momentarily. Also, if the signal is weak, GRT may take longer than usual.
- When installing or adjusting the antenna, if you turn "GRT" to "OFF", You can check the direction with few ghosts.
- Because the effect is not sufficient in the following cases, turn off "GRT"
 - please give
 - me. - When the ghost is too strong
 - When more than 10 waves of ghosts are occurring at the same time - Inconsistent ghosts such as ghosts caused by reflections on airplanes
 - When
 - Antennas, such as indoor antennas, have not been properly installed or adjusted.
 - when

Automatically set the receiving channel

Automatically set the receivable channels.

If the power supply is interrupted due to a power failure, etc., the regional settings and program guide will be

Acquisition channel, Just Clock setting, etc.

Return to time.

1 Press **ÿÿ** to select [Auto Channel Setting] from the TV setting screen.

決定 Press.

2 Select [Yes] with **ÿÿ** and press **決定**.

Automatic channel setting starts.

It may take some time to automatically set the channel.

I will.

Automatically output stereo sound

This setting is for automatically switching to stereo sound when receiving a stereo broadcast.

1 Press **ÿÿ** to select [Auto Stereo Reception] from the TV setting screen. **決定**

Press. 2

Select the setting with **ÿÿ** and press.

Item list On

Automatically switch to stereo sound.

cut

Outputs in monaural sound.

Hide BS channels you don't watch (DESR-7700 only)

Set so that unused BS channels cannot be displayed

I can.

1 Press **ÿÿ** to select [Skip BS Channel] from the TV setting screen.

決定 Press. 2

Select the channel you want to set with **ÿÿ** and press. 3

Select the setting with **ÿÿ** and press.

Item list

to

disable the selection of stations.

do not do

Allows you to select.

4 Press when the settings are complete.

Check the reception status of the BS antenna (DESR-7700 only)

Press **ÿÿ** to select [BS Antenna Level Display] from the TV setting screen.

決定 Press.

You can check the reception status of the BS antenna.

so that the antenna level is as close to maximum as possible,

Adjust the orientation of the antenna.

Setting the power supply method to the BS antenna (DESR-7700 only)

1 Press **ÿÿ** to select [BS Antenna Power] from the TV setting screen. **決定**

Press. 2

Select the setting with **ÿÿ** and press.

Item list

enter

Always supply power to the BS antenna.

cut

Does not supply power to the BS antenna.

Setting the area code of the program guide

Even the same broadcasting station has different channels depending on the region.

to display the program guide appropriate for that area.

1 Press **ÿÿ** to select [Area code settings] from the TV settings screen, then **決定**.

push.

2 Select an area with **ÿÿ** and press.

After changing the area code, execute "Automatic channel setting". If

you do not execute "automatic channel setting", the channel setting

suitable for the region, "program guide acquisition channel", "program guide

"Time" cannot be set correctly.

If you do not know the area code,

refer to "Area code list" (page 19) and select the area code that includes more broadcasting stations in your area. oh

You can check the radio stations in your area by looking at the TV section of newspapers.

In the following cases, change the guide channel setting according to "Manually setting the receiving channel" (page 125).

- The displayed channel in the table is different from the TV channel
- If you are using a CATV (cable television) or an apartment community reception system, the displayed channels in the table are different.

Setting the channel for obtaining program information in the program guide

"List of Area Codes" (page 19) and "List of Guide Channels" (page 26) page), program guide data is sent from broadcasting stations with (as of March 2005).

1 Press **ŷŷ** to select [Acquire program guide channel] from the TV setting screen.

Press **and** . 2 Select a channel with **ŷŷ** and press **.**

Setting the Time for Obtaining Program Information in the Program Guide

The program information in the program guide is obtained at different times depending on where you live. Become. If you specify an incorrect time, the program information is received correctly Since it will not be possible, unless there is a notice from the broadcasting station, Please do not change the time.

1 Press **ŷŷ** to select [Time to get program guide] from the TV setting screen. **決定**
Press. 2

Select the field you want to set with **ŷŷ** and **press** . 3

Select the item you want to set with **ŷŷ**, and set with **ŷŷ**.

4 After setting the item you want to change, **press** .

please note

[Program guide acquisition channel] and [Program guide acquisition time] are station) has changed the broadcasting station or time for data transmission.

Do not change it manually except occasionally. If you change it by mistake, you will not be able to get the program guide. In that case, TV

from the setting screen, select [Automatic channel setting] to set the channel automatically. redo the motion settings. For details, please contact the Customer Service Center (back cover page).

Video settings

Setting the recording mode

When recording, the recording mode selected here will be the normal setting.

1 Select [Rec Mode] from the video settings screen with **ŷŷ**, then press **.** **決定**

vinegar.

2 Select a recording mode with **ŷŷ** and **press** .

About recording modes

This unit has 6 recording modes. I want to record in high image quality

Select a recording mode with high image quality such as HQ. If you want to record more video on the hard disk of this unit,

Select a recording mode such as SLP.

recording mode		Hard disk recording time*	
		DESR-7700	DESR-5700
HQ	high resolution	about 53 hours	about 33 hours
HSP		about 81 hours	about 51 hours
SP (standard)		about 107 hours	about 67 hours
LP		about 164 hours	about 103 hours
EP		about 217 hours	about 137 hours
SLP		about 325 hours	about 204 hours
		long time	

* Recording time when the game area is set to OGB. Hard disk space

If you change, the recordable time also changes.

please note

- The recording mode cannot be changed during recording.

•If you change the hard disk area, the recordable time will also change.

I will.

•Recording stops automatically 6 hours after recording starts.

vinegar.

Setting DVD-RW dubbing method

During dubbing, the recording mode set here will be the standard setting.

vinegar.

1 Select [DVD-RW recording mode] from the video setting screen with **ŷŷ**.

Press **and** . 2 Select

a mode with **ŷŷ** and **press** . **決定**

Item list

DVD-Video

Dubbing DVD-RW in Video mode.

DVD-VR

Dubbing DVD-RW in VR mode.

About DVD-VR mode

When dubbing to DVD-RW in VR mode, the edited part is

Delete and dub, or play without deleting the edited part

You can choose to dub with a list. in detail

See next section.

Setting the dubbing method when dubbing edited video to DVD-RW VR mode

When dubbing video edited in DVD-RW VR mode,

Created a raylist or set not to play in edit

You can delete and dub parts.

1 Select [VR mode playlist] from the video settings screen with **ÿÿ**.

Press **SS** and **.** 2

Select the dubbing method with **ÿÿ** and press **.**

Item list

create

Dub playlists and original footage. Even parts that were set not to play during editing remain in the original video.


do not create

From the original video, the parts that were set not to be played during editing are deleted before dubbing.

A playlist is

management information for video playback, such as the playback

It's called a lay list.

on the home menu  (video), the playlist is recorded

If you select a DVD-RW disc that is loaded and press **.**, the title

The original video and playlist are displayed in the list.



In the playlist **P LIST** mark is displayed.

If you select the original video, the parts that were set not to be played during editing will be played as they are.

If you select a playlist, the parts you set not to play during editing will be skipped.

Setting the terminal for inputting external video

1 Press **ÿÿ** to select [External video input 1] or [External

[Video Input 2] and press **.**

2 Select the setting with **ÿÿ** and press **.**

There will be no input from terminals that are not selected.

Item list

picture

Select when connecting an external input device using the video terminal.

S-video

Select when connecting an external input device using the S terminal.

Setting the guide channel for the external input

One channel of the program guide of the external tuner connected with external input 1 or 2

It can be displayed by allocating it for each channel. BS analog broadcasting

For the guide channel of "BS broadcasting guide channel

About" on page 21.

1 Select [External Input 1 Guide Channel] or [External Input 2 Guide

Channel] from the video setting screen with **ÿÿ** and press **.**

2 Set the guide channel with **ÿÿ** and press **決定**.

Setting external input audio

You can select the type of audio connected with external input 1 or external input 2.

1 Select [External Input Audio Settings] from the video settings screen with **ÿÿ**. **決定**

Press.

2 Select the setting with **ÿÿ** and

press **.** Item List Stereo


stereo

Select when recording stereo broadcasts with an external input.


dual voice

When recording dual audio broadcasts such as bilingual broadcasts using an external input I choose.

Setting audio for DV input (DESR-7700 only)

1 Select [DV Audio Input Settings] from the video settings screen with **ŷŷ**. 

Press **. 2**

Select the setting with **ŷŷ** and  press **.**

Item list

stereo 1

Inputs the audio recorded with a digital video camera recorder into the unit.

stereo 2

Inputs the audio that was input after shooting with a digital video camera recorder to this unit.


mix

Input both stereo 1 and stereo 2 audio.

Setting the audio recording method when recording bilingual broadcasts on the hard disk

1 Press **ŷŷ** to select [HDD dual language recording audio] from the video settings screen.

Press **and . 2** Select

the setting with **ŷŷ** and press  Item list

Primary audio

Records main audio only.

Sub-

audio Records sub-audio only.

main + sub audio

Record primary and secondary audio.

Setting the audio recording method when dubbing recorded video of bilingual broadcasts to DVD

Set the audio recording method when dubbing recorded video of bilingual broadcasts to DVD-R, DVD-RW Video mode, DVD+R/+RW.

To do.

When dubbing in DVD-RW VR mode, the main audio and sub-audio

Both voices are recorded.

1 Press **ŷŷ** to select [DVD dual language recording audio] from the video settings screen.

Press **and .**

2 Select the recording method with **ŷŷ** and press **.**

Item list

Main voice

Records only the main audio during dubbing.

Secondary audio

Records only sub-audio during dubbing.

Recorded audio when dubbing recorded video of bilingual broadcasts to DVD

The sound that can be recorded differs depending on the disc used for recording.

vinegar.

at the time of recording HDD bilingual recording audio setting	DVD discs and recording modes that can be dubbed				
	DVD-R (Video mode)	DVD-RW Video mode VR mode		DVD+R (+ VR mode)	DVD+RW (+ VR mode)
Main audio ••••					
Secondary audio ••••					
Main + secondary audio ŷ ŷŷŷ ŷ					

ŷ It will be recorded with the audio selected in the "DVD dual language recording audio" setting.

• Only the audio of the HDD bilingual recording audio set at the time of recording is dubbed.
will be

ŷ Both the main and sub-audio are dubbed, and the main/sub-audio can be switched during playback.
can be replaced

please note


When recording bilingual broadcasts broadcasted by an external input device, set the external input audio setting of this unit to "Dual audio" in advance. If you record with the external input audio set to "Stereo", even if you set the HDD dual language recording audio setting to "Main + Sub Audio", you will not be able to switch between main and sub audio during playback.

increase.

Reduce noise when recording

1 Press **ŷŷ** to select [Recording NR] (Recording noise reduction) from the video settings screen.

options) and press **. 2** Select the

setting with **ŷŷ** and press **.** 

Item list

3

Increases the noise reduction effect.

2

Slightly stronger noise reduction effect.

1

Weaken the noise reduction effect.

cut

Turn off the recording NR function.

Setting the Automatic Deletion Method for Recorded Videos

This unit records so that the hard disk does not become full.

automatically erases the image. Recorded video to be deleted automatically

Please select a type. The recording date is selected from the selected videos.

Older items are given priority and deleted.

If the remaining hard disk space is low, the titles to be deleted automatically

Otherwise, the recorded title may be erased immediately.

1 Press **ŷŷ** to select [Auto-delete titles] from the video settings screen.

Press **and** .

2 Select the setting with **ŷŷ** and press .

Item list

Omakase Maru-Roku

Automatically erases only the video automatically recorded by x-Omakase/Maruku.

all

Not only videos automatically recorded by x-Omakase/Maruku, but also manually recorded videos will be deleted.

However, protected images and data other than images (photos, music, etc.) will not be deleted. Also, even if "All" is set, auto-recorded programs are deleted with priority over manually-recorded programs.

Setting the maximum recording time for x-Omakase/Maru-Roku

Set the maximum recording time per day for x-Omakase Maru Recording.

vinegar. If you feel that there are many programs recorded with x-Omakase / Maru-Roku

Or, if you feel that it is too short, change the setting for the maximum recording time.

please give me. Depending on the maximum recording time setting, x-Omakase/Maru

Even programs that do not correspond to the recording settings are highly recommended.

will be recorded.

1 From the video settings screen, press **ŷŷ** to select [Maximum recording

Select [Time] and press .

2 Select the setting with **ŷŷ** and press .

Large list of items (12 hours)

You can record up to 12 hours a day with x-automatic recording.

Normal (6

hours) You can record up to 6 hours a day with x-Omakase / Maru Roku.

Less (3 hours)

You can record up to 3 hours a day with x-Omakase / Maru-Roku.

do not record

Do not record in x-Omakase Maru Roku.

Setting channels to record with x-Omakase/Maruku

1 From the video settings screen, press **ŷŷ** to select [Omakase/Maru Recording Channel

Select [Settings] and press .

2 Select the channel you want to set with **ŷŷ** and press .

Channels and guides set to skip channels

Channels that have not been set will not be displayed.

Hmm.

3 Select the setting with **ŷŷ** and press .

4 Press when the settings are complete.

Item list

do

Make it a target for automatic recording (x-Omakase / Maru-Roku).

do not do

It will not be included in automatic recording (x-Omakase/Maruku).

Setting the L2/R2 buttons

Remote control and dedicated analog controller for "PSX"

Sets the function assigned to the (DUALSHOCK 2)

(DESR-10) L2/R2 button.

1 Select [L2/R2 button settings] from the video settings screen with **ŷŷ**.

決定 Press. 2

Select the setting with **ŷŷ** and press .

Item list

search

L2 is search - and R2 is search +.

flash

L2 is flash - and R2 is flash +.

Make DVD settings

Setting the language displayed on the DVD menu

1 Select [DVD menu display language] from the DVD setting screen with **ÿÿ**.

Press **and** .

2 Select a language with **ÿÿ** and press .

If you select "Language list", select the language you want to set from the language list.

Setting the audio language to play

1 Select [Audio Language] from the DVD setting screen with **ÿÿ** then press .

2 Select a language with **ÿÿ** and press .

When you select "Language list", select the language you want to set from the language list. I choose.

Set subtitle language to display

1 Select [Subtitle Language] from the DVD setting screen with **ÿÿ**, then press . 2 Select a language with **ÿÿ** and press . If you select "Language list", select the language you want to set from the language list.

Set progressive output

Set when connecting to a TV with a D video cable.

1 Select [Progressive output] from the DVD setting screen with **ÿÿ**.

Press **決定** . 2

Select the setting with **ÿÿ** and press .

Item list

enter

Output progressive video from the D terminal of this unit.

Please note that video will not be output from the video output terminal of this unit.

cut

Does not output progressive video. Select this if the TV does not support progressive or if the TV is connected with a cable other than the D video cable.

please note

If your TV only supports the D1 terminal,

The image may be distorted when DVD-Video is played with Recessive Output set to "On" . In such cases,

Be sure to set the sieve output to "off".

Setting up Dolby Digital

Set when connecting to an AV amplifier with an optical digital cable.

1 Select [Dolby Digital] from the DVD setting screen with **ÿÿ**.

Press. 2

Select the setting with **ÿÿ** and press .

Item list

enter

Select when connecting an audio device with a built-in Dolby Digital decoder.

cut

Select when connecting an audio device that does not have a built-in Dolby Digital decoder.

Setting DTS (Digital Theater Systems)

Set when connecting to an AV amplifier with an optical digital cable.

1 Select [DTS] from the DVD setting screen with **ÿÿ** and press . 2 Select the setting with **ÿÿ** and press .

Item list

enter

Select when connecting an audio device with a built-in DTS decoder.

cut

Select when connecting an audio device that does not have a built-in DTS decoder.

Setting how an audio track is played

1 Press **ÿÿ** to select [Auto select audio track] from the DVD setting screen.

Press **決定** . 2

Select the setting with **ÿÿ** and press .

Item list

enter

Gives priority to audio tracks with the largest number of channels (Dolby Digital, DTS, etc.) when playing DVD-Video .

cut

Plays the audio track according to the DVD-Video settings.

Change PIN code for viewing age restriction

The password is set to 0000 at the time of purchase. change

If you want to, please do the following:

1 Press **ÿÿ** to select [Viewing Age Restriction Password] from the DVD setting screen.

Press **決定** .

Enter 2 0000. 3 Press **ÿÿ**

to set a new password and press .

決定

If you forget your PIN code, refer to "Restoring the settings of this unit to the default" (page 134).

Please restore the settings at the time of purchase.

please note

If you restore the settings of this unit to the factory settings, you will be able to
The settings will also return to the default settings.

Setting the Region of Use for Viewing Age Restriction

1 Press **ŷŷ** to select [Age restriction use area] from the DVD setting screen.

決定 Press.

2 Enter your PIN according to the instructions on the screen.

3 Select an area with **ŷŷ** and press .

If you select [Other] here, a screen for entering the area code will appear.

increase.

Look at the "area code list", enter the code and press .



please.

Area code list

Area of use Code	America	Use region code	
US UK GB			TW
			CN
Italy IT Indonesia ID		Taiwan China Denmark DK	
			OF
Austrian AT			JP
Netherlands NL		Germany Japan Norway NO	
Canada	THAT	PhilippinesPH	
	NOK	Finnish FI	
South Korea Singapore SG		France FR	
Switzerland	CH	Belgian BE	
Sweden SE Spain ES		Hong	HK
		Kong Malaysia MY	
Thailand	TH	Russia	RU

Setting the viewing age restriction level

1 Press **ŷŷ** to select [Viewing age restriction level] from the DVD setting screen.

決定 Press.

2 Enter your PIN according to the instructions on the screen.

3 Set the restriction level with **ŷŷ** and press .

please note

- Depending on the disc, you may be asked to change viewing settings during playback. may occur. If so, enter your PIN and level
Please change When Resume Play is canceled, the first returns to the level set in

- DVD-Videos that do not have a viewing age restriction function can be
You cannot restrict playback even if you set a limit.

- Depending on the DVD-Video, the viewing age restriction level may not be changed.
Some require only the PIN to be entered.

Photo settings

Setting the music that plays during slideshow playback

1 Select [Slideshow BGM] from the photo settings screen with **ŷŷ**.

決定 press .

2 Select BGM with **ŷŷ** and press .

Item list

cut

Does not play music during slideshow playback.

Music1

"PSX" original sound "Bossa Samba" (LATIN)

You can play a slideshow with background music.

Music2

"PSX" original sound "wish" (NEW AGE) as BGM

to play a slide show.

Music3

"PSX " original sound "fairly, airily, Mary"

You can play a slide show with (HOUSE) as background music.

Setting effects for slide show playback

1 Select [Slideshow effect] from the photo settings screen with **ŷŷ**.

決定 Press.

2 Select an effect with **ŷŷ** and press .

Item list

cut

Plays the slideshow without any effects.

effect 1

Seamlessly switch to the next photo.

effect 2

Displays through a black screen when switching to the next photo.

Setting music

Setting the sound quality when importing songs from a CD

1 Select [CD import settings] from the music settings screen.



Press. 2

Select the sound quality with and press .

Item list

132kbps (High

Quality) Imports songs in high quality.

105kbps

Imports songs in standard quality.

66kbps

You can reduce the data size when importing.

please note

The higher the value, the better the sound quality, but the fewer songs that can be imported.

set the game

Make settings for "PlayStation" standard software.

It does not work with "PlayStation 2" format software.

Setting the loading speed of "PlayStation" standard software

1 Use to select [PlayStation® Disc Read Speed] from the game settings screen, then press . Select the setting with and press .



Item list

high speed

Play discs with fast loading.

standard

Play the disc with normal loading.

Set texture (image) mapping for "PlayStation" standard software

1 Select [PlayStation® Game Texture Mapping] from the game settings screen with , then press .

2 Select the setting with and press .

Item list

interpolation process

Display textures (images) more clearly.

standard

Display with normal texture.

please note

- Even if each game setting is set to "high speed" or "interpolation processing", this When the power is turned on again, the setting returns to "Normal".
- Depending on the game software, the effect may be difficult to discern or the image may be distorted. In that case, select "Standard".

Setting the main unit

Registering the aspect ratio of the TV screen

1 Press **ŷŷ** to select [TV Type] from the main unit's setting screen and press **.** 2 Select the TV aspect ratio with **ŷŷ** and press **.** Item list

16ŷ9

Select this when the aspect ratio of the TV screen is 16:9.

4:3 Letterbox Select

Select this when the aspect ratio of the TV screen is 4:3 and you want to view 16:9 images with the original aspect ratio.

4:3 pan scan

Select this when the aspect ratio of the TV screen is 4:3 and you want to view 16:9 images in 4:3 screen ratio.

Reduce noise during playback

Reduces noise (flickering) displayed on the screen during playback.

1 Press **ŷŷ** to select [DNR] from the main unit's setting screen and press **.** 2 Select the setting with **ŷŷ** and press **.**

Item list

cut

Select this when checking the status of the original video signal.

DNR1

Reduces image roughness and color noise.

DNR2

It reduces noise more strongly than DNR1.

Sharpen the edges of the image

1 Press **ŷŷ** to select [Outline Enhancement] from the main unit's setting screen and press **.** 2 Select a value with **ŷŷ** and press **.** The higher the value you select, the clearer the outline of the image.

Setting the display method when paused

1 Press **ŷŷ** to select [Pause Mode] from the main unit's setting screen, then press **.** push.

2 Select a mode with **ŷŷ** and press **.**

Item list

automatic

Images of fast-moving subjects can be viewed without blurring.

flame

Displays images of subjects with little movement in high resolution.

Returning the settings of this unit to the state at the time of purchase

Use **ŷŷ** to select [Reset to factory settings] from the main unit's setting screen and press **.** push.

Please follow the instructions on the screen.

Even if [Reset to factory settings] is executed, the

Information such as recorded videos, music, photos, game titles, folders, etc. information is not deleted.

However, program information and recommendations are removed.

Change hard disk space

The hard disk of this unit is an area for storing videos, photos, music, etc.

It is divided into two types: the area and the area dedicated to games.

At the time of purchase, the area for games is set to 40 GB (gigabytes), but if you do not play games that support hard disks on this unit, set the game area to 0GB (gigabytes).

I can.

Press **ŷŷ** to select [HDD Area Settings] from the main unit's setting screen, then press **.** The hard disk area setting wizard will be displayed.

Please follow the instructions on the screen.

please note

- Please note that changing the hard disk area will erase all information such as videos, music, photos, game titles, folders, etc. saved on the hard disk.
- If you change the hard disk area, the recordable time will also change. I will.
- x-DJ cannot be used unless the game area is set to 40GB.

Displaying information about the machine

Displays the model name, version, MAC address, and IP address of this unit.

To do.

Press **ŷŷ** to select [System Information] from the system settings screen, then press **.**

Setting the date and time

Setting the date and time

- 1 Press **⏏** to select [Set time] from the date and time setting screen, then **press** push.
- 2 Select the item you want to set with **⏏**, and set with **⏏**.
- 3 After setting the item you want to change, **press**.

adjust time automatically

- 1 Select [Just Clock] from the date and time setting screen with **⏏**.
Press **⏏**. 2 Set with **⏏** and press **⏏**. Item **⏏**

enter

Adjust the time of this unit with the time signal of NHK Educational TV.

cut

Does not automatically adjust the time.

To change the channel for automatic adjustment 1 Press **⏏**

to select [Setting channel] from the date and time setting screen.

決定 Press. 2

Select a channel with **⏏** and press **決定**.

please note

- If automatic adjustment does not work, reset the settings.
- If you skip a channel (NHK Educational TV) for which automatic clock adjustment is set , automatic adjustment will not work. At this time , please set so that you can receive NHK Educational TV.
- When reading the time signal at noon, automatic adjustment cannot be performed in the following cases.
 - The unit is turned on (the power lamp on the unit is lit green).
when you are)
 - Recording
 - The clock is off by more than 2 minutes
- Turn off the power of the device when sending the time signal at noon.
- When the noon time signal is not sent during sports broadcasts, etc.,
Automatic adjustment is not possible.

Setting character input

Register frequently entered phrases

- 1 Press **⏏** to select [Edit Registered Words] from the character input settings screen. **決定**
Press. 2
Select a blank field with **⏏** and **決定** press .
決定 press .
A keyboard will appear. Enter the word you want to register.
please give me.
 - 4 When you have finished entering characters, select [Done] and press .
 - 5 Press when the registration is complete.
- Select the field in which characters are entered in **決定** and press to edit the characters.
can be added or deleted.

Setting the Japanese input method for the USB keyboard

There are two types of input methods: "Romaji input" and "Kana input".

- 1 Press **⏏** to select [Japanese Input] from the character input setting screen, and **決定** press .
push.
- 2 Select the input method with **⏏** and **決定** press . Item
list Romaji input
決定
Enter Japanese in romaji using the alphabet keys.
Kana input
Use the Kana key to input Japanese.

Setting USB keyboard keybindings

Set the Japanese conversion method. This unit has two settings.


So choose the setting that is easy for you to use.

- 1 Press **⏏** to select [Key Bind] from the character input settings screen. **決定**
Press. 2
Select the setting with **⏏** and **決定** press .

Setting the remote control

Change remote control mode

When you want to operate two or more "PSX" with one remote control, this unit
Set the remote control mode of the .

1 Press **ŷŷ** to select [Remote control mode] from the remote control setting screen. 

Press.

2 Select the remote control mode with **ŷŷ** and press .


Select the remote control mode for the "PSX" you want to operate.

Switch the remote control mode.

Making settings for playing games with the supplied remote control

Make settings for enjoying games with the remote control that comes with this unit.

To do.

1 Press **ŷŷ** to select [Gameplay Features] from the game settings screen. 

Press. 2

Select the item you want to set with **ŷŷ** and press . Item

list

enter

You can operate the game with the remote control of this unit.

cut

The game cannot be operated with the remote control of this unit.

please note

When it is set to "On", the separately sold


If you remove the analog controller, you may not be able to operate the

"PlayStation 2" standard software or "PlayStation" standard software with the remote control correctly. In that case, "off"

Please set to

Setting the remote control sensor

This unit has two remote control receivers, one on the front and one on the top.
increase. If strong light enters near the receiver that is not normally used, the remote
Since the reaction of the controller will be worse, enable only the light receiving part to be used.
please.

1 Press **ŷŷ** to select [Receiving Area Settings] from the remote control setting screen. 

Press. 2

Select the setting with **ŷŷ** and press .

Item list front + top

Activate both receivers.

Front

Enable only the light receiver on the front of the main unit.

top

Enable only the light receiver on the top of the main unit.

make keyboard settings

Make the following settings according to the keyboard you are using.
when.

Set keyboard type

Use this setting when you connect an English keyboard.

1 Select [Type] from the keyboard settings screen with **ŷŷ** and press . 2 Select the keyboard type with **ŷŷ** and press .

Item list

Japanese keyboard

Select when a Japanese keyboard is connected.

english keyboard

Select when an English keyboard is connected.

Setting character input start time when key is pressed and held

When you press and hold a key on the keyboard, characters are entered repeatedly
Adjust the time until the

1 Select [Repeat start time] from the keyboard settings screen with **ŷŷ**.

Press and .

2 Select the setting with **ŷŷ** and press .

Item list

short

Press and hold the key to quickly type the same character.

It's a


standard setting.

long

Even if you press and hold the key, there is a slight delay before the same character is entered continuously. Even if you press and hold by mistake, you can prevent the same character from being entered continuously.

Setting the Character Input Speed When Pressing and Holding a Key

Set the input speed for characters that are entered when you press and hold the key.
increase.

1 Press **ŷŷ** to select [Key repeat speed] from the keyboard settings screen and press . 2 Select the setting with **ŷŷ** and press . Item list Slow input speed slows down. 

It's a

standard setting.

Faster

typing speed makes it faster.

Network connection and settings

For more information on network connections and settings, see the website below.
when.

<http://www.sony.co.jp/SonyDrive/> To use the "PSX" software update service (network update), etc., the unit must be connected to the network.

This section describes how to connect the unit to a network.

Describes how to connect to If you have not

subscribed to a broadband line, before connecting to the network,

Prepare a broadband line such as ADSL or FTTH (optical line) and conclude a contract with an Internet service provider.

In addition, depending on the Internet service of the CATV (cable television) company, it may be necessary to report the MAC address . You can see the MAC address of this machine on the "Information Display" screen of "Main Unit Settings" .

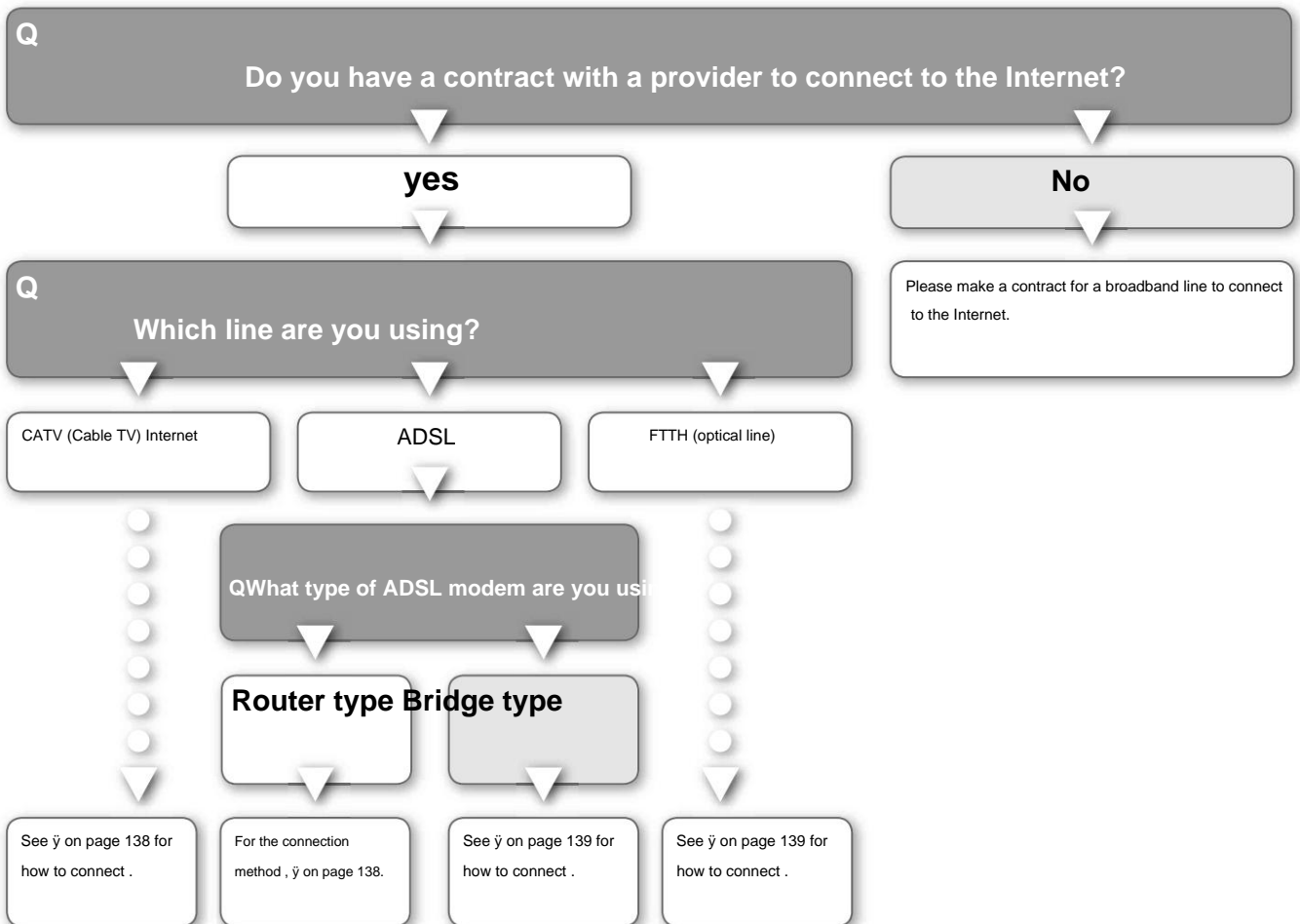
Preparation Connect the Ethernet cable

Connect the Ethernet cable to the NETWORK terminal of the unit.

please give me.

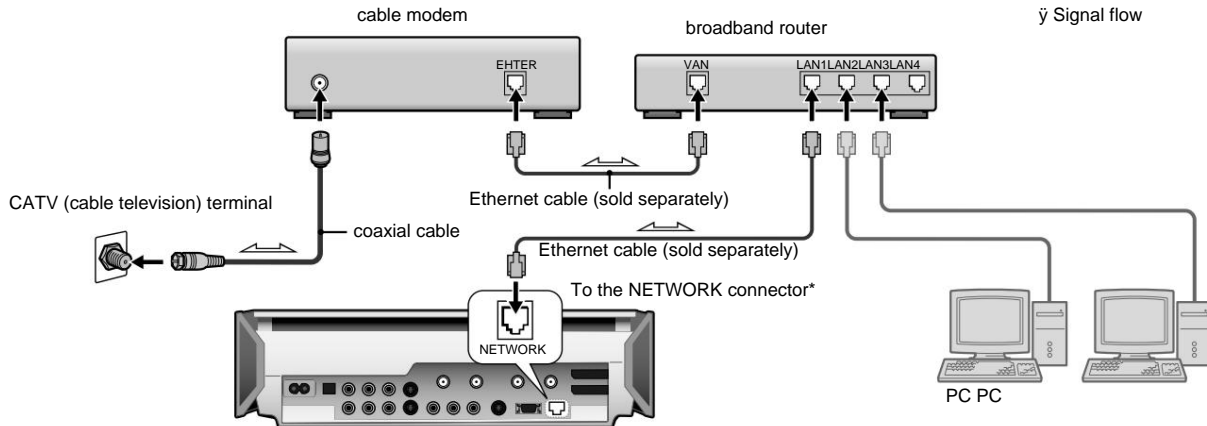
please note

- Dial-up and ISDN connections cannot be used.
- Depending on the service provided by the Internet service provider, the connection may be A computer may be required when setting up the connection environment or setting up the network. Check before connecting and setting the network.
- There are two types of Ethernet cables: straight cables and cross cables. I have. Use a straight cable to connect this unit. In that case, use a shield type cable to suppress the emission of unnecessary radio waves.



Connecting using the CATV (cable television) Internet

This is a connection method for connecting to the Internet from a terminal other than this machine using a cable modem.



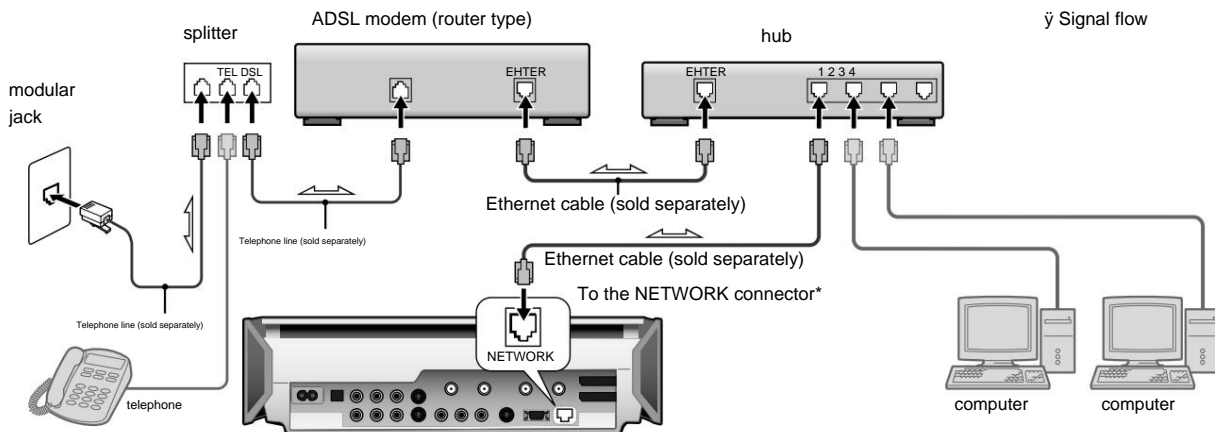
- When connecting only this unit to the Internet, connect this unit directly to the cable modem.
- Some CATV (cable television) companies do not allow the connection of broadband routers.

Please check with your CATV (cable television) company in advance.

- * Do not connect a telephone line to the NETWORK terminal. It will be the cause of the failure. Connect the Ethernet to the NETWORK connector. When connecting a cable, remove the seal from the terminal before connecting.

Connecting using an ADSL line

This is a method of connecting to the Internet using a router-type ADSL modem.

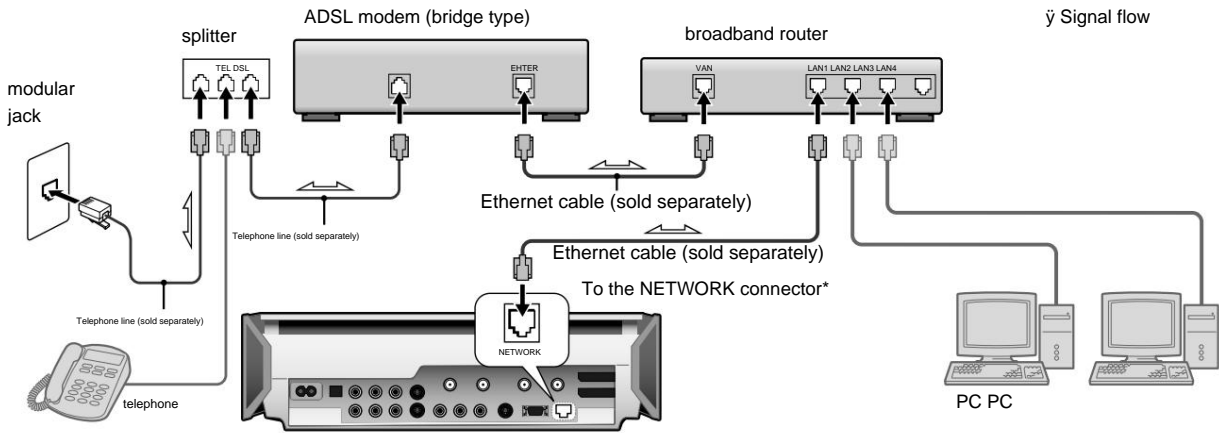


- Since this unit does not have a web browser function, it is not possible to set ADSL modem (router type) from this unit. you can't. Please note that you will need a computer to set up the router.
- If the ADSL modem (router type) has fewer Ethernet terminals than the number of terminals to be connected, is required.

- * Do not connect a telephone line to the NETWORK terminal. It will be the cause of the failure. Connect the Ethernet to the NETWORK connector. When connecting a cable, remove the seal from the terminal before connecting.

Connecting using an ADSL line

This is a connection method for connecting to the Internet using a bridge-type ADSL modem and connecting to the Internet from a terminal other than this unit. If you do not need to connect to the Internet from a terminal other than this machine, connect this machine and ADSL modem directly.

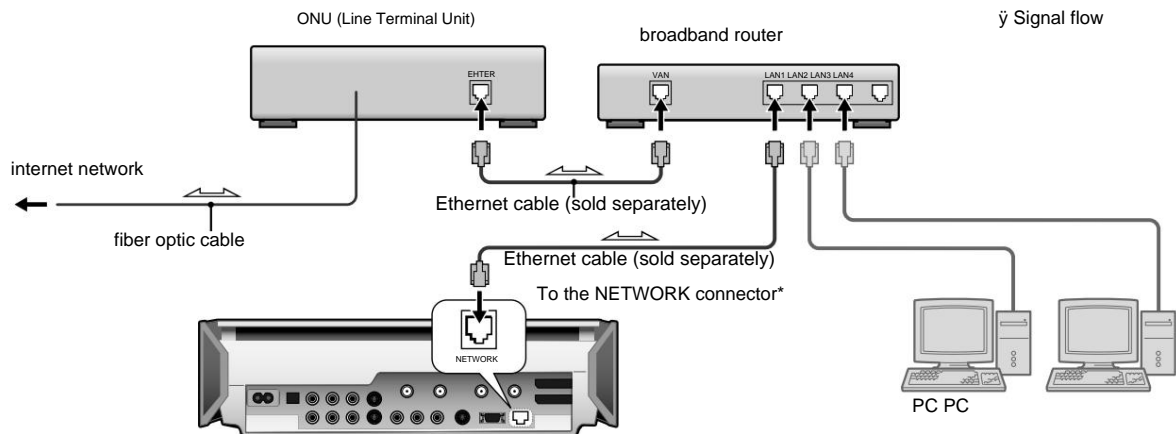


•When connecting only this unit to the Internet, connect this unit directly to the ADSL modem. •The PPPoE of this unit may be used when connecting directly. For details, contact your Internet service provider. Please confirm.

* Do not connect a telephone line to the NETWORK terminal. It will be the cause of the failure. Connect the Ethernet to the NETWORK connector. When connecting a cable, remove the seal from the terminal before connecting.

Connecting using FTTH (optical line)

This is a connection method for connecting to the Internet via FTTH (optical line) and connecting to the Internet from terminals other than this unit.



•When connecting only this unit to the Internet, connect this unit and ONU (line terminating unit) directly.

•The PPPoE of this unit may be used when connecting directly. For details, contact your Internet service provider. Please confirm.

•If you use a communal internet line in an apartment building, you may not need an ONU (line terminating unit). (straight For example, if an Ethernet line is installed to the guest room)

* Do not connect a telephone line to the NETWORK terminal. It will be the cause of the failure. Connect the Ethernet to the NETWORK connector. When connecting a cable, remove the seal from the terminal before connecting.

Set up your network

When the network setting screen is displayed, follow the instructions on the screen.

Please set.

STEP 1 "IP address setting"



Select the IP address setting method.

If the IP address to be used is specified by the provider,

Select "Do not set automatically".

An IP address is automatically assigned when you connect to the Internet or the IP address is assigned automatically by your router.

If you can, select "Set automatically".

Contact your provider for more information about IP addresses please

When connecting to the Internet using PPPoE on this machine Choose "PPPoE".

PPPoE settings vary depending on the Internet connection environment. for more information on your Internet Service Provider (Platinum robida).

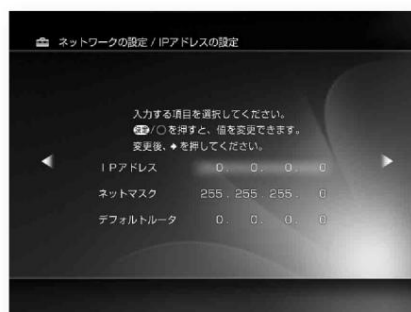
When "Set automatically" is selected

An IP address is automatically assigned.

When "Do not set automatically" is selected

The screen for setting the IP address, netmask, and default router.

The face should look like this:

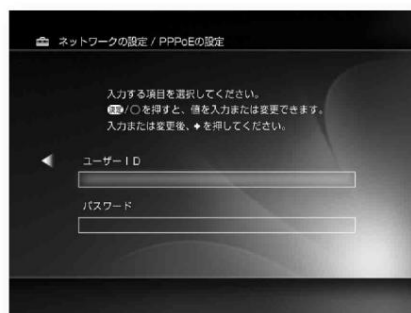


Items to be set

- **IP address:** Enter the IP address specified by your provider. please.
- **Netmask:** Enter the value specified by your provider. Depending on the provider, it may be called by a name other than netmask. Please contact your provider for details.
- **Default router:** Enter the value specified by your provider. Depending on the provider, it may be called by a name other than the default router. Please contact your provider for details.

When "PPPoE" is selected

The PPPoE setting screen is displayed as below.



Items to be set

- **Enter user ID and password:** Enter the user ID and password for using PPPoE . user
For more information about ID and password, please contact your provider.

STEP 2 "Configuring DNS"



Select the DNS setting method.

If the DNS address to be used is specified by the provider

If so, select "Do not set automatically".

When connecting to the Internet, the DNS address is automatically set by the provider.

If it is assigned dynamically, select "Set automatically".

when.

For more information about DNS, contact your provider.

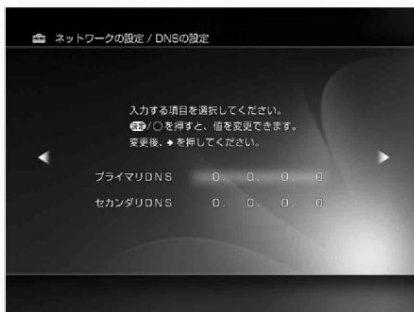
please.

When "Set automatically" is selected

A DNS address is automatically assigned by your provider.

When "Do not set automatically" is selected

The screen for setting the DNS is displayed as follows.



Items to be set

•Primary DNS: Enter the primary DNS provided by your provider.

•Secondary DNS: Enter the secondary DNS specified by your provider .

The terms used in network settings are called differently depending on your provider, as shown below. For more information, see the documentation from your provider.

when.

Another way to call "User ID"•"Connection ID"

- "username"
- "PPP login name"
- "Network ID"
- "Connection login name"
- "account name"
- Logon name

Another name for "password"

- "PPP Password"
- "Network Password"
- "Connection Password"

Another way to call "Primary DNS"•"Name server"

- "Primary DNS Server"
- Primary nameserver
- Domain name server

Another name for "Secondary DNS"•"Secondary DNS server"

- "Secondary name server"
- Domain name server




Another way to call "default router"•"default gateway"

others


Updating the software of this machine (network update)

To update the software of this unit using the network, Network connection and settings are required (page 137). It may take some time to update, but do not press the \checkmark/\checkmark (power) switch, \checkmark (eject) button, or insert a disc until the update is complete. malfunction will cause

Step1

 (Settings) to  (Network Up) date) and press  the network update start screen appears. is shown.

Step2

The network update start screen appears. Press when prompted  and follow the on-screen instructions. Please update.

The update work flow depends on the software version. depending on the version. See software "PSX" update issued at the time of software update Please refer to the update instruction manual.

please note

- When a recording reservation (both automatic and manual) is registered, updating is not possible from about 1 hour before the start of the recording reservation.
- If an error message appears during software update, try again from the beginning. If the error message still appears, contact the Customer Service Center (back cover).
- Depending on the content of the update, the unit may crash during the update. It may reboot several times.
- When update execution screen appears, recording schedule contract may not be executed correctly.
- Distribution of network updates and update CDs may be terminated without prior notice due to our circumstances.

About i.LINK

The i.LINK terminal for the digital video camera recorder of this unit DV IN for i.LINK-compliant digital video camera recorders It's a terminal. This section describes the i.LINK standards and features.

What is i.LINK? i.LINK

allows you to transfer digital video or digital video between devices with an i.LINK connector.

Two-way exchange of data such as audio,

digital serial interface for

is su.

i.LINK compatible devices can be connected with a single i.LINK cable. many

Various digital AV devices can be connected for operation and data exchange.

It is considered possible.

If multiple i.LINK compatible devices are connected, the directly connected device will

Not only for devices connected via other devices,

You can operate and exchange data.

However, depending on the characteristics and specifications of the connected device, the operation method may differ.

may be different, or you may not be able to operate or exchange data even if you are connected.

may not.

Just a word

i.LINK is a friendly name for IEEE1394

Proposed by Sony and endorsed by many companies in Japan and overseas trademark.

IEEE1394 is an international standard standardized by the Institute of Electronics Engineers Standard.

please note

- i.LINK** does not guarantee connection operation with all compatible devices. Whether or not data and control signals can be exchanged between i.LINK compatible devices depends on the function of each device.
- Normally**, only one device can be connected to this unit with an i.LINK cable (DV cable). When connecting to a DV-compatible device that allows multiple connections, refer to the instruction manual of the device to be connected.

About i.LINK transfer speed The maximum data transfer speed of i.LINK differs depending on the device. There are types.

S100 (maximum transfer speed approx. 100Mbps*) S200 (maximum transfer speed approx. 200Mbps) S400 (maximum transfer speed approx. 400Mbps) It is written around the i.LINK terminal.

The maximum transfer speed of this unit is "S100". When connecting to a device with a different maximum data transfer rate, the transfer rate may differ from the notation.

* What is Mbps?
It is an abbreviation of "Mega bits per second" and is read as "Mega Bps". Indicates the amount of data that can be communicated in one second. At 100Mbps, you can send 100 megabits of data.

For i.LINK operation on this unit, the i.LINK terminal of this unit is for input only. Also, the i.LINK terminal of this unit (DVC-SD signal) is a MICROMV format digital video camera Recorder i.LINK terminal (MICROMV signal) and BS digital digital HDTV, BS digital tuner, digital i.LINK terminal (MPEG-TS signal) of CS tuner or D-VHS deck (No.) cannot be connected because the signals are different.

Precautions when connecting and applications compatible with this unit Also refer to the instruction manual of the connected device for information on whether or not Please take a look.

Required i.LINK cable Use a Sony i.LINK cable. 4-pin T to 4-pin (during DV dubbing)

i.LINK is a designation indicating IEEE1394-1995 and IEEE1394a-2000 is. i.LINK, is a trademark.

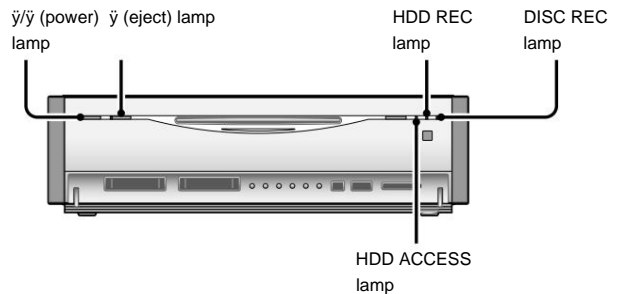
Is it a malfunction? If you think

Please check again before sending for repair. still normal If it does not work, contact your dealer or customer service center. (back cover). When consulting with us, please let us know the following:

DEASR
Model name of this machine: **ESR-7700**
DEASR
ESR-5700
RM tea
Model name of remote control: **MR-P002J**
failure status: as detailed as possible
Date of purchase:

Self-diagnostic display

This unit has a self-diagnostic display function. This is different for this unit. When an emergency occurs, the lamp on the main unit flashes to inform you of the unit's status. In order to provide a smoother service response, It's a function. When the flashing status of the lamp on the main unit corresponds to the following, Contact your dealer or Customer Service Center (back cover) for flashing Please let me know the status.



If there is an abnormality in the temperature of the unit
Power/Eject lamp Blinks red
HDD REC lamp Off
DISC REC lamp Off

If there is no free space left on the hard disk of this unit
HDD REC lamp Blinks red
DISC REC lamp Off

If there is a problem with the communication function of this unit
Power/Eject lamp Blinks green Blinks red
HDD REC lamp Off
DISC REC lamp Off

If there is a problem with the built-in cooling fan, the
 ỹ/ỹ (power) lamp ỹ blinks red ỹ (eject) lamp ỹ blinks blue

HDD REC lamp ỹ Off

DISC REC lamp ỹ Off

Symptom of this machine and how to deal with it

Power does not turn on.	ỹ Is the power cord firmly connected? Please check if
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No

image is displayed. Disturbed.	ỹ Is the connection cord plug firmly inserted? Please check if it is included. ỹ Check if the connection cord is broken. please. ỹ Select the input ("Video video, etc.). ỹ Does not support progressive format When the unit is connected to a TV, Do not set progressive output to "on". please leave ỹ Progressive (525p) can be played even on TVs that support the progressive (525p) format . The image may be distorted when I will. ỹ Video output from this unit via a VCR connect to your TV via When connected to body TV, some Copy used for DVD-Video The control signal may adversely affect image quality. is possible. Even if the unit is directly connected to a TV, the image In case of quality problems, please turn on the TV's S Connect to the video input terminal (12 page). ỹ Due to the characteristics of hard disks, in rare cases The image may be distorted. due to malfunction there is no. ỹ You have connected the video input terminal and the video output terminal incorrectly. Please check if you are connecting stomach. ỹ Connect the input and output terminals in reverse. or BS IF IN connector and VHF/ Make sure that the UHF terminals are not connected in reverse. Please confirm.
-----------------------------------	--

tv channel can change the flannel do not have.	ỹ Connect the antenna wire correctly. (pages 10, 11). ỹ Is the channel set to skip? select a station from the home menu. (page 125). ỹ Select external input on the home menu. Please check if Using the S video terminal to connect connected to the TV, the setting screen of the TV [External video input 1] or [External video Input 2] to [S-Video] (page 128). ỹ LINE1 and LINE2 are not selected correctly. (page 128). ỹ Select a disc with a fixed image shape. is playing.
The image of the device connected to the input terminal of this unit is not displayed. stomach.	ỹ Match the image to the aspect ratio of the TV (page 134).
"TV set in "Type" in the form of an image I can't live	
The aspect ratio of the screen is strange.	

TV/BS reception

The TV broadcast received by this unit is not displayed.	ỹ Set the channel manually using [Manual channel setting] on the TV setting screen (page 125). ỹ Along with the start of terrestrial digital television broadcasting, "analog frequency change" was implemented. If the channel before the change is suspended, you cannot watch the program in areas where it has been changed. Manually tune the changed channel (page 125). ỹ Adjust the direction of the antenna. ỹ Place this unit away from the TV. stomach. ỹ Tie up the antenna wire away from the unit. please give me. ỹ If the signal is weak, use an optional antenna boot. Amplify the signal with a star.
received by this machine television broadcast image is dirty.	ỹ DVD player, VCR, etc. software played on the For signals received by a tuner, etc., Contains signals for copyright protection increase. player, tuner, etc. Disconnect the device from the unit and connect it directly to the TV. Please connect.
connected to the unit Play/receive on other devices The image that is Distort.	

others

BS broadcast program Not reflected.	<ul style="list-style-type: none"> • Connect the BS antenna correctly. (page 10). • Check the reception status of the BS antenna and Please adjust the direction of the antenna (page 126). • Remove dust and snow from the BS antenna. please give me. • A WOWOW decoder is connected to this unit. cannot continue.
--	--

Some stations are not displayed.	<ul style="list-style-type: none"> • Wrong area code is set. [Area code setting] on the TV setting screen , re-enter the correct area code, and then perform "Automatic channel setting " (page 126). • [Channel Skip] is set to [Enable] in [Manual Channel Settings]. • Broadcasting stations not included in the program information of the program guide is not displayed. • If
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Program guide (G-GUIDE)

Program guide is displayed. can't	<ul style="list-style-type: none"> • Even if the connection and "Easy Setup" are completed, Until the program information of the program guide is received, the Not shown. It may take half a day to a day to receive it . • Check that the date and time are set correctly (page 135). • Program information cannot be obtained while watching, recording, or dubbing a TV program (page 22). • Broadcaster sending program information in the program guide When the reception of the station (page 19) is poor, or when the host station (page 125) is skipped by manual channel setting If it is set, you may not be able to display the program guide. • A guide for the broadcasting station (host station) that transmits the program information in the program guide and the area code. If you set the wrong channel, in [Area code setting] on the TV setting screen, Re-enter the correct area code, then Perform [Auto Channel Setting] (page 126). • The acquisition channel or acquisition time of the program guide may have changed. correct set a new station and time (page 127). • The program guide acquisition channel or acquisition time has been changed to an incorrect setting. Perform " Easy Setup" (page 16) again. Please try again. • If you are watching on CATV (cable television), Program information may not be obtained due to the company's in-house equipment. For details, please refer to the CATV (cable television) meeting Please contact the company.
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program schedule updated can't	<ul style="list-style-type: none"> • reception is poor at the time of update, the latest You may not be able to receive the program guide. • While watching or recording a TV program, Program information cannot be obtained during (page 22). • Acquired program guide channel or acquisition time may have changed. correct Please set a new station and time (page 127).
-----------------------------------	---

displayed in the schedule There are programs that cannot be be.	<ul style="list-style-type: none"> • If reception is poor, all program Data may not be received. • The timed program guide includes short programs (5 programs, etc.) are not displayed. Cha Please use the channel-specific program guide (40 page). •
---	---

Wrong station name is displayed.	<ul style="list-style-type: none"> • Wrong area code is set. Enter the correct area code in [Area code setting] on the TV setting screen, and then perform "Automatic channel setting " (page 126). • If the area code changes due to moving, etc., enter the new area code in [Set area code] on the TV settings screen. Please try again.
-------------------------------------	---

Recording/Reservation/Editing

While recording a counter program, chan on tv can change the flannel do not	<ul style="list-style-type: none"> • Select the channel you want to watch by switching the input on the TV. Please switch to Nell.
have. Recording stops even if you press the • stop button during recording. not.	<ul style="list-style-type: none"> • Is the • stop button pressed? • Press the stop recording button. (Effective only when watching TV) is.)

Booked but recorded not drawn.	<p>ÿ You may have skipped the reserved channel after making the reservation (page 125).</p> <p>ÿ Videos that contain copy prohibition signals Recorded as a blue screen. ÿ When the reservation end time and the next reservation start time are At the same time, the end of the previously recorded program will not be recorded.</p> <p>ÿ You cannot record while dubbing to DVD (page 90). ÿ Recording is not possible during optimization (page 92). ÿ Make sure that the hard disk has enough free space for recording (page 58).</p> <p>ÿ Timer recording cannot be performed while DVD dubbing, DV dubbing, or x-Pict Story is being created.</p>
previously recorded I'm exhausted there is	<p>ÿ A DVD disc recorded on a computer The contents of the disc will be erased when it is inserted into this unit. may be removed.</p> <p>ÿ There is not enough free space on the hard disk. to activate the auto-erase function. keep Protect titles that require Please specify.</p>

disc playback starting from the beginning of not.	<p>ÿ Automatically displays the title menu and DVD menu. Insert the disc that displays the new screen. Is _____ in?</p>
Playback starts automatically.	<p>ÿ Insert a DVD that starts playing automatically. Is _____ in?</p>
playback automatically stop.	<p>ÿ Depending on the disc, the auto pause signal may are recorded. child If you play a disc like Automatically play at topose signal stops.</p>
Stop, fast forward/fast throw back Operations such as raw Can not.	<p>ÿ Do not play discs for which operation is prohibited. aren't you? Instructions that come with the disc Please also refer to the book.</p>
Change audio language Can not.	<p>ÿ Multiple audio languages on the DVD being played is recorded? ÿ Prohibited to switch the audio language Are you playing a DVD? ÿ Operate from the DVD menu.</p>
you can change the subtitles do not have.	<p>ÿ The DVD being played has multiple subtitles. is it recorded? ÿ You can change the subtitles or turn off the subtitles. Are you playing a prohibited DVD? Hmm? ÿ Operate from the DVD menu. ÿ Multiple</p>
change angle can see Can not.	<p>angles on the DVD being played is recorded? ÿ DVDs that prohibit changing the angle are you playing? ÿ Operate from the DVD menu.</p>

Playplay does not start	<p>ÿ Check if a disc is inserted. when.</p> <p>ÿ A disc that has not been recorded is inserted. Would you like to?</p> <p>ÿ The disc is not inserted upside down mosquito? Display the label side (not the playback side). (page 29).</p> <p>ÿ Is the disc inserted at an angle? Hmm?</p> <p>ÿ DVDs with area codes that cannot be played on this unit is not inserted? (page 92)</p> <p>ÿ Playback is not possible if there is condensation (page 6). di).</p> <p>ÿ A finalized disc made on another device cannot play a disc that does not have plug.</p> <p>ÿ Insert a disc that cannot be played on this unit. Is _____ in? (pages 88, 104, 116)</p> <p>ÿ Does not support progressive format When the player is connected to a TV, Do not set progressive output to "on". please leave</p>
-------------------------	--

No	
audio sound.	<p>ÿ Is the connection cord plug firmly inserted? Please check if it is included.</p> <p>ÿ Check if the connection cord is broken. please.</p> <p>ÿ Is it properly connected to the input terminal of the amplifier? are you there?</p> <p>ÿ Sound from this unit is output by switching the input of the amplifier. Please be so.</p> <p>ÿ If playback is paused or slowed down No sound.</p> <p>ÿ Fast-forward or fast-reverse (search) There is no sound when you are there.</p> <p>ÿ On the TV setting screen when recording Set [Auto Stereo Reception] to [On]. Sai (page 126).</p> <p>ÿ Built-in Dolby Digital decoder Optical digital audio output to an amplifier that is not Are you connecting with like this the Audio LR OUT (audio output). Please connect.</p>
audio multiplex broadcasting sound is switched can't	<p>ÿ Monaural or main audio It may have been recorded only vinegar. Adjust the direction of the antenna or amplify the signal with a commercially available antenna booster please.</p>

Remote controller	
does the remote control work do not have.	<p>ÿ The batteries are exhausted (page 13).</p> <p>ÿ When you replace the batteries, the TV Car settings return to default settings There are cases. remote control manufacturer Please match the registration number again (13 page).</p> <p>ÿ Point the remote control at the main unit to operate. when.</p> <p>ÿ Is the remote control mode of the main unit and the remote control Check if they match (15 page).</p> <p>ÿ Operating the remote control at a distance from the main unit please do not.</p> <p>ÿ The remote sensor is not exposed to strong light. Please be so.</p> <p>ÿ Check the setting of the remote control sensor. Sai (page 136).</p> <p>ÿ "PSX" dedicated analog controller If you are using (DUALSHOCK 2) check the following points. • Check if the button on the analog controller (DUALSHOCK 2) is pressed, and if the cable is wrapped around the stick and tilted. • After turning on the power , move the right and left sticks of the analog controller (DUALSHOCK 2) in a large circular motion. For details on how to move , refer to the instruction manual for the analog controller (DUALSHOCK 2).</p> <p>If there is still no improvement, analog Remove the controller (DUALSHOCK 2). Please remove it.</p>
Using the remote control of this unit After operating, machine and other "PSX" are moving at the same time wait.	<p>ÿ Make sure that the remote control modes of this unit and the other device are the same. Please check if it is. Book Change the remote control mode of the unit (page 15).</p>

others

"PlayStation 2"	
"PlayStation 2" dedicated memory card (8MB) or memory card recognize or save (Record) I can't.	<p>ÿ "PlayStation 2" dedicated memory card (8MB) or memory card</p> <p>Make sure it is firmly inserted into the please.</p> <p>ÿ Make sure you are following the instructions in the game. Please confirm. Software description See books, etc.</p> <p>ÿ "PlayStation 2" dedicated memory card (8MB) or free space on the memory card Please check if there is enough space.</p> <p>ÿ Select a</p> <p>Is a memory card inserted? please confirm.</p> <p>ÿ "PlayStation 2" dedicated memory card (8MB) or memory card problem There may be what you have</p> <p>Other "PlayStation 2" dedicated memory card (8MB) or memory card Please try replacing it with</p>

Others	
not working properly <small>stomach.</small>	<p>ÿ Press and hold the ÿ/ÿ (power) switch on the main unit for 10 seconds to turn the power on again. when.</p> <p>ÿ It may not work properly due to static electricity, etc. When this happens, turn off the power, then turn off the power. Unplug the cord, let it sit for a while, then try again. plug in the cord and turn on the power. <small>stomach.</small></p>
channel picture when switching Time until the image appears It takes time.	<p>ÿ After receiving the program guide, the image It may take some time to come out.</p>

Warranty and after-sales service

This machine is for use in Japan only. Overseas with different power supply voltages and broadcasting standards cannot be used.

Saved data cannot be retrieved due to a malfunction, etc. or you may not be able to play. important data We recommend that you always back up your data.

warranty

- This product comes with a warranty card. Please pick it up at the store where you purchased it.
- After filling in the specified items and checking the content, please keep it in a safe place. Please save.
- The warranty period is one year from the date of purchase.

After-sales service

If you feel unwell, first check and consult Refer to the section "Troubleshooting" to check whether the product is malfunctioning. Please check. If the symptoms do not improve, contact the Customer Service Center (back cover). Please contact

About repair (hard disk)

- During repairs and inspections, the data on the hard disk may be checked to the minimum extent necessary to confirm the occurrence and improvement of malfunction symptoms. However, we do not duplicate or save files such as titles.
- If the hard disk needs to be initialized or replaced, We will initialize at our discretion. Please note that all data recorded on the hard disk will be erased (including cases where data corresponding to copyrighted works is found).

Repairs during the

warranty period will be performed based on the contents of the warranty. Please see the warranty for details.

For repairs after the warranty

period has expired, if the functions can be maintained by repairing the product, we will repair it for a fee upon your request.

DV input 1 x 4-pin connector (S100)
(DESR-7700 only)

MEMORY STICK slot
Standard

MEMORY CARD slot (2)

Network terminal 10BASE-T/100 BASE-TX connector

(The connection speed may vary depending on the network usage environment.)

A difference may occur. This machine
10BASE-T/100 BASE-TX communication speed and
Communication quality is not guaranteed.)

Controller terminal (2)

USB terminal 1.1, 1 system

* 96 kHz PCM audio is converted to 48 kHz from the optical digital audio output terminal .
output.

power, other

power supply AC100 V \pm 50/60 Hz

power consumption DESR-7700: 84W (under 1.0W in standby *)
DESR-5700: 70W (less than 0.8W in standby)

Allowable operating temperature 5 \ddot{y} 35 \ddot{y}

Allowable operating humidity 25 \ddot{y} 80 \ddot{y}

Maximum external dimensions 312 x 95 x 323 mm (width x height x depth
(When placed horizontally) going) including maximum projection

Hard Disk Capacity DESR-7700: 250GB

DESR-5700: 160GB

Body mass DESR-7700: about 6.5kg
DESR-5700: about 6.2kg

accessories Video/audio code (1)
power cord (1)
Coaxial cable with F-type connector (1)
Remote control (1)
AA (R6) batteries (2)
Instruction manual (1)
PSX preparation points (1)
"x-Appli" Utilization Guide (1)
Warranty (1)
"PSX" chart (1)
Safety (1)

* When the BS antenna is turned off

Optional accessories

Optional accessory as of March 2005. In the unlikely event that it is out of stock or raw

Please forgive me when the production is completed.

"PSX" dedicated analog controller (DUALSHOCK 2) model name:
DESR-10

The specifications and appearance of this product are subject to change without notice for improvement.

However, please understand.

List of maximum values

Maximum number of hard disks that can be saved		
music album song/album		100
		100
	x-DJ registered	1000
photo	song album	200
	photo/album	200
	x-Pict StoryTitle	200
video		400

Maximum possible number of CD-R recognitions		
music folder		39
	song/folder	100
photo	folder	39
	photo/folder	200

Maximum number of "Memory Stick" recognizable		
photo	folder	200
	photo/folder	200

Trademarks

“PSX” “PlayStation” “DUALSHOCK”

“PocketStation” and “PSP” are manufactured by Sony Computer Corporation.

It is a registered trademark of Ta Entertainment. In addition, “DNAS” company trademark.

“SONY” is a registered trademark of Sony Corporation.

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•libjpeg

This software is based in part on the work of the Independent JPEG Group.

• Standard Template Library

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(GEnie: OUTER; CIS: ŷ71755,204ŷ)

Graven Imagery, 1992.

About G-Guide

The G-GUIDE, G-GUIDE, and G-GUIDE logo are

Gemstar-TV Guide International, Inc. in Japan


is a registered trademark. G-Guide is manufactured under license from Gemstar-TV Guide International, Inc.

vinegar. Gemstar - TV Guide International, Inc. and other

Affiliates of G-GUIDE, broadcast program content and programming No liability is assumed for the accuracy of the schedule information.

plug. In addition, provision of information, equipment, and services related to G-Guide or any damage or loss related to use not here.


i.LINK is a call that refers to IEEE1394-1995 and IEEE1394a-2000.

is the name. i.LINK and the i.LINK logo  are trademarks.

“XMB”, “xross media bar” and “ ” are Sony Corporation and Sony Computer Entertainment Inc.

Trademark.

“x-appli” and “ ” are trademarks of Sony Corporation.

“DJbox”ŷ  and “AIDJ” are Sony Corporation A registered trademark of Computer Entertainment.

“OpenMG” is a trademark of Sony Corporation.

MAGICGATE is a copyright protection mechanism devised by Sony.

It is a name that represents the media and guarantees compatibility between various media there is no.

MAGICGATE is a trademark of Sony Corporation.

“Memory Stick” and **MEMORY STICK** is a trademark of Sony Corporation is.

“ATRAC3” is a trademark of Sony Corporation.

Other system names and product names are generally are trademarks or registered trademarks.

others

About G-Guide

G guide is adopted for the program table function of this unit. G-guide, a specific broadcasting station (host station) uses terrestrial television broadcasting to distribute the program guide data. This unit reads program guide data several times a day, received and displayed on the TV screen.

If you live in an area where you can receive broadcasts from the host station, you can use this program information service free of charge just by performing simple settings available. Using program information from G-GUIDE mark is sometimes displayed.

please note

- The service may not be available depending on the area where you live or the radio wave condition.
- The Company is not involved in the contents of the program guide service using G-GUIDE. Is not ...

About the service provided by G-Guide

The G-Guide service is mainly provided by Interactive Program Guide Co., Ltd. Data may not be sent due to the circumstances of Interactive Program Guide Inc., which distributes the program guide data, and the broadcasting station (host station).

G-Guide Service Area

Program guide data using G-GUIDE is transmitted from the following broadcasting stations (as of March 2005).

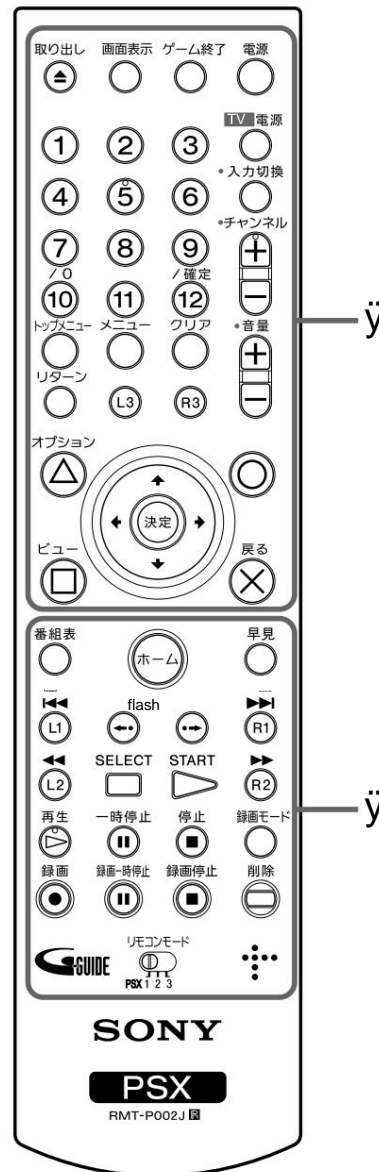
- Hokkaido area - Hokkaido Broadcasting Corporation (HBC)
- Tohoku region - Aomori Television (ATV), Akita Television (AKT), Iwate Broadcasting (IBC), TV You Yamagata (TUY), Tohoku Broadcasting (TBC), TV You Fukushima (TUF)
- Kanto area - Tokyo Broadcasting System (TBS)
- Chubu area - Niigata Broadcasting (BSN), Shin-Etsu Broadcasting (SBC), Shizuoka Broadcasting (SBS), Central Japan Broadcasting (CBC), Television Yamanashi (UTY), Tulip Television (TUT), Hokuriku Broadcasting (MRO), Fukui Television (FTB)
- Kinki region - Mainichi Broadcasting System (MBS)
- Chugoku/Shikoku Region - Sanyo Broadcasting (RSK), Chugoku Broadcasting (RCC), Television Yamaguchi (TYS), Sanin Broadcasting (BSS), Ai Television (ITV), Television Kochi (KUTV)
- Kyushu/Okinawa region - RKB Mainichi Broadcasting (RKB), Nagasaki Broadcasting (NBC), Oita Broadcasting (OBS), Kumamoto Broadcasting (RKK), Miyazaki Broadcasting (MRT), South Japan Broadcasting (MBC), Ryukyu Broadcasting (RBC)

Name of each part

See the pages in () for explanations of each part.





















Remote controller

The buttons on the remote have the same functions as the buttons with the same name on the main unit. increase.























Numerals, channels, and play buttons have raised (protrusions) (numbers button is "5" only, channel +/- button is only "+"). operation eyes Please use it as a mark.

ÿ

button	Name	Function/reference page
	ÿ Eject	eject the disc
	screen display	Switch screen display ÿ51ÿ
	Game over	exit game mode do (119)
	power supply	Turn on the machine
	number button	Select the channel of this unit. enter a number/number ÿ13ÿ
	Top menu DVD top menu	display
	menu	Display DVD menu show
	clear	Erase entered numbers
	return	Return to previous screen
	L3	previous chapter delete (74)
	R3	Add chapter mark get (73)
	tv power	turn on the tv
	Switch TV input Switch	TV input get
	tv channel ÿ/ÿ	the tv channel Choose
	TV volume +/- Adjust the TV volume.	Ru
	ÿ/Option Displays the operation panel.	/ option menu display news
	ÿ/view	change the visualizer change
	•	decide
	x/Back	Return to previous screen
	ÿÿÿ /Decision	choose a tunnel

ÿ

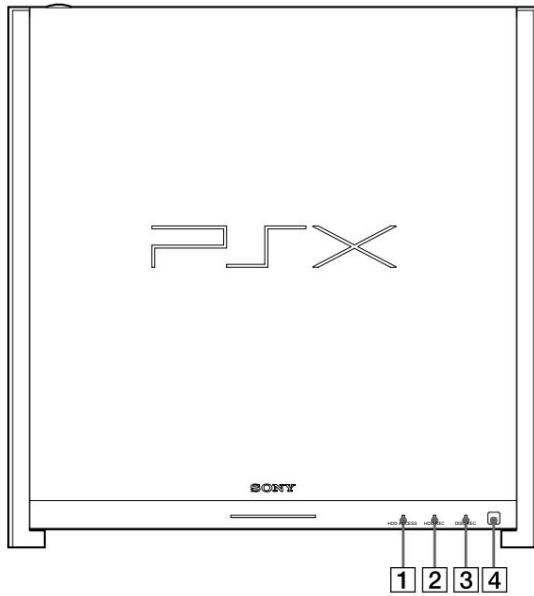
button	name	Function/reference page
	home	Show home menu let (50)
	A TV schedule	display the program guide/ switch (39)
	quick look	Fast playback during playback become
	L1/ÿ	return to the beginning of the title/ Return to previous chapter
	R1/ÿ	Advance to the beginning of the next title hmm/next chapter move on
	L2/ÿ	Rewind during playback come alive
	R2/ÿ	Fast forward during playback come alive
	flash-	The scene about 15 seconds later to go back and play
	Flash +	Up to the scene about 15 seconds ahead skip and play
	SELECT Displays the home menu	let
	START -	
	ÿPlay	Reproduce
	ÿStop for a while	pause
	ÿStop	Stop
	recording mode	Switch recording mode Ru
	ÿRecord	start recording
	ÿPause recording	Pause recording
	ÿ Stop recording	while watching a TV program stop recording
	delete	Selected image or sound files, photos, etc. Ru
	remote control mode switch	switch remote control mode exchange

Main body (top)

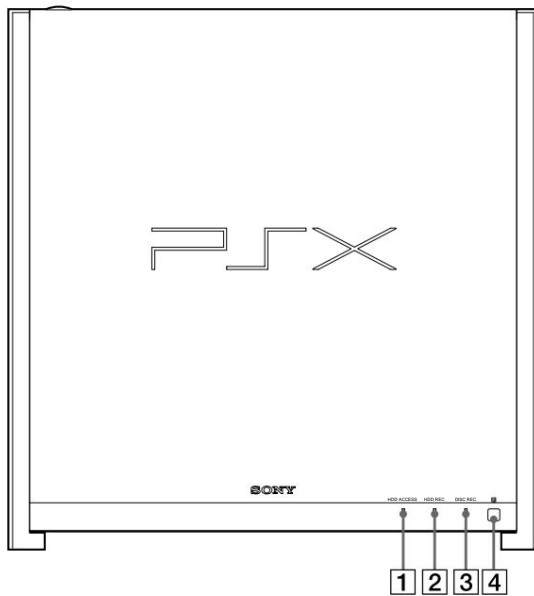
The buttons on the main unit have the same functions as the buttons of the same name on the remote control.

increase. The number in () is the page number.

For the DESR-7700 model




For the DESR-5700 model



• HDD ACCESS lamp (143)

• HDD REC (HDD recording) lamp (143)

• DISC REC lamp (143)

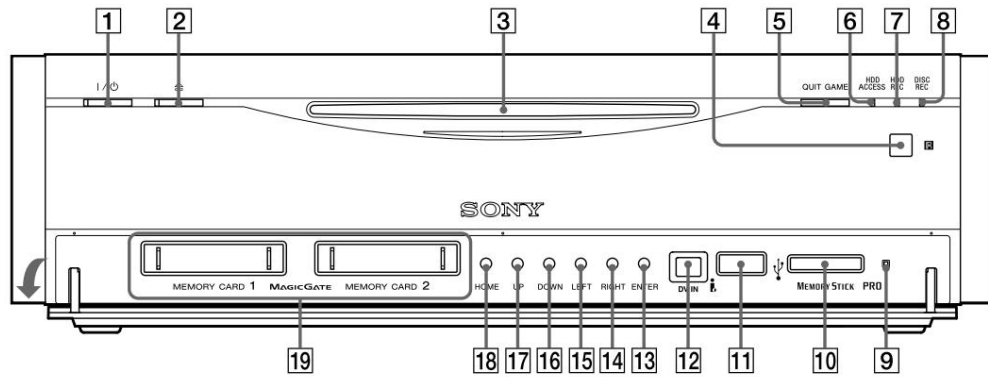
•  (Remote control receiver)

Body (front)

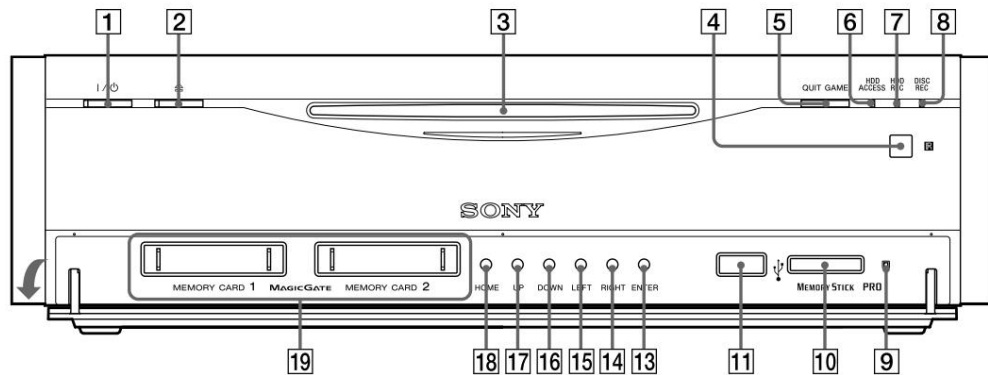
The buttons on the main unit have the same functions as the buttons of the same name on the remote control.

increase. The number in () is the page number.

For the DESR-7700 model



For the DESR-5700 model



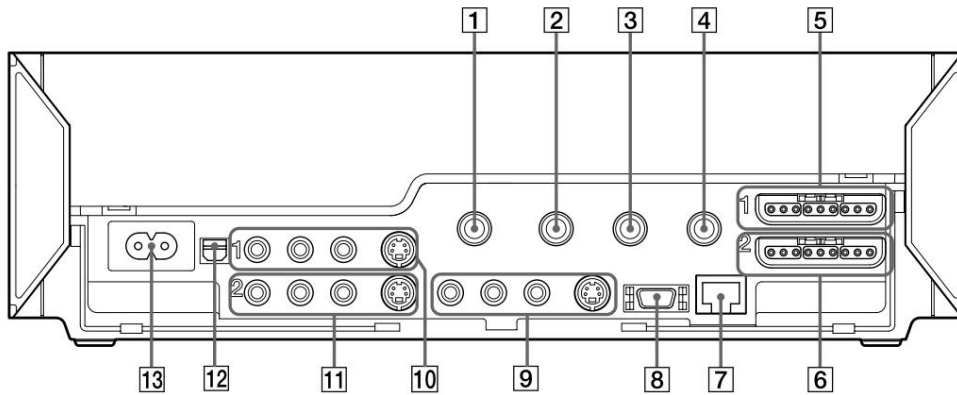
(power) switch (35) (eject)
 button (29) (disk slot) (29) (QUIT
 GAME button (119) (HDD ACCESS
 lamp (143) (HDD REC) (HDD REC)
 REC (recording) lamp (143) (MEMORY STICK access
 lamp (30) (MEMORY STICK slot) (30)

(USB port) (28) (DV
 port) (28) (ENTER
 button) (RIGHT button) (LEFT
 button) (DOWN
 button) (UP button) (HOME
 button) (MEMORY CARD
 inserted mouth) (27)

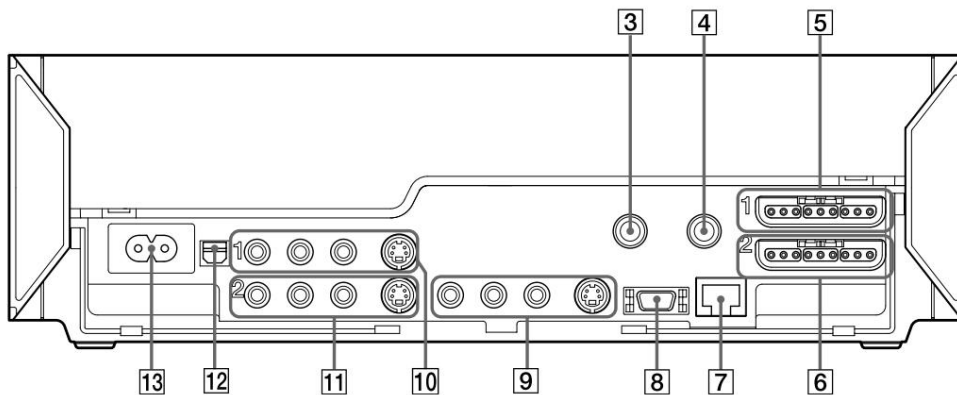
others

body (rear)

For the DESR-7700 model



For the DESR-5700 model



• BS IF IN (BS IF input) connector (10)
 • BS IF OUT (BS IF output) connector (10)
 • VHF/UHF IN (VHF/UHF input) connector (10)
 • VHF/UHF OUT (VHF/UHF output) connector (10)
 • CONTROLLER terminal 1 (27)
 • CONTROLLER terminal 2 (27)
 • NETWORK terminal (138)
 • D1/D2 (video output) terminal (12)

• AUDIO LR/VIDEO/S VIDEO OUT (audio/video/S1 video output) connector (12)
 • AUDIO LR/VIDEO/S VIDEO IN (audio/video/AUDIO LR/VIDEO/S VIDEO IN (audio/video/S-video input) connector 2 (28)
 • DIGITAL OUT (OPTICAL (optical digital audio output) connector (28)
 • to AC IN (power input) connector (15)

others

glossary

A line

Antenna level (page 126) This is the strength of the signal received from the antenna. It is affected by the weather, temperature, time of day, and the length of the antenna connection cable. increase.

Interlace (page 31) A conventional television display method in which one frame of video is displayed in half with two field images. Alternates odd-numbered lines in odd fields and even-numbered lines in even fields. It is designed to show

Ka line

Guide channel (pages 26, 125, 145) di) Assigned to each station by Gemstar identification number.

write mode

This is the standard for recording CD-Rs.

extension

A string representing the file type vinegar. For MP3 files, the file

Add a "." after the name and add the extension "mp3".

Example) ongaku.mp3
 filename extension dot

Radio waves from ghost

(page 125) broadcasting stations

Before reaching the

Become a wave, time lags double, triple

to be received. Therefore, the correct

The image of the jamming signal is

appear overlapping, making the screen difficult to see.

increase.

Copy control signal (page 7)

Copy protection function. Software that contains signals for restricting duplication by copyright holders, etc., and broadcasting numbers. Groups cannot be recorded.

sa line

Viewing age limit (page 131)

According to the regulatory level of each country/region, Discs compatible with viewing age restrictions A DVD function that restricts playback. limit How to play depends on the DVD. If you do not want to play or skip extreme scenes to replace it with another scene and play it back. There are cases.

Receive channel (page 125)

Channel used when this unit receives a broadcast station. Usually in the TV section of newspapers and magazines. Same as the number of each broadcasting station listed is. You can configure the simple settings on this unit. is set when

Splitter (page 138)

Voice calls mixed on telephone lines and Used to divide ADSL information into two To do.

ta line na line

Chapter (page 73)

Recorded on hard disk or DVD

It is a break between videos and songs that is also a small unit. 1 title yes It consists of several chapters. vinegar. A tape with no chapters recorded There is also an Idol.

Dolby Digital (page 131) Sound developed by Dolby Laboratories voice compression technology. multi-channel Suitable for rounds. Rear channels become stereo, subwoofer Channels output independently. high Multi-channel standard digital audio You can enjoy it in

Ha line

Hard disk (page 6) A type of mass data storage device. surface Data is recorded by bringing a magnetic head close to a rotating flat disk coated with magnetic material. magnetic di Because the disk and the drive mechanism are integrated, Because of this, data can be read and written at extremely high speed, and data searchability is immediate. is included.

packet light

When writing data to a CD-R, the data data is divided into units called packets. It is a recording method that writes

bit rate

It expresses how much information is available in one second. is an indicator. The larger the number, the more unit time Since there is a large amount of information about Better quality too.

Progressive (page 131)

One frame of video is divided into two frames. display half by half 1 frame to 1 for the race method How to display in one image. traditional inn The turrace method is 30 frames per second (60 field), whereas the first 1 second from the start consists of 60 frames. You can reproduce high-quality images with

Broadband router (page 138)

ADSL or CATV (cable television) in connect to the internet via internet ADSL modem or cable modem It uses a device called a When connecting to the Internet from a terminal is a device called a broadband router Use the.

Provider (page 137)

"Internet Service Provider (ISP)". the internet Business that provides connection services to is a person.

ma line ya line**multi session**

Write multiple sessions on a single CD-R
It's a way of getting in. CD-Rs written
using Track At Once etc. cannot be multi-set.
will be an option.

"Memory Stick" (page 30) Smaller
and lighter than a floppy disk.

It is an IC recording media with a large capacity.
Do not use a "Memory Stick" with this unit.
You can play back photos, dub videos, etc.

memory stick video format

Filmed with a TV broadcast or video camera
Easy access to personal content, etc.
For the purpose of enjoying
Matt.

User ID (page 140) Used
when connecting to a network. In
combination with the password,
Confirm that you are the user.

La line Wa line**Router (page 137)**

It is a device that relays between networks,
mutual network protocols and
Performs address conversion. ADSL or
CATV (Cable Television) Internet
broadband router to connect to
There is a ta Just call it "router"
You may also refer to these devices when
increase.

ABC

ATRAC3 (page 94) Music
compression used in minidiscs

Based on the format "Atrac", this compression standard
aims to improve the compression rate and sound quality.

CATV (cable television) (page 23) Connects
subscribers and broadcasting stations directly with cables.

It is a cable broadcast that provides programs in. ground
Analog TV programs, terrestrial digital,
In addition to BS analog, you can watch
specialized channels for sports and movies,
local information programs and teletext.

This is
the standard for CD-R writable CDs. on this machine
can store photos and music written to a CD-R.

Only file reading is supported.

DEF**D terminal (page 156)**

This is a component video terminal compatible with
DVD players. Just by connecting this unit and the
TV with a single cable,
Video signals can be sent easily.
vinegar. You can enjoy higher quality images than
when you connect to a TV with the video output
terminal because you can connect with component video.
start.

A compatible signal format is connected to the D terminal.

So there are the following types:

- D1** terminal: Supports 525i (480i) signals
- D2** terminal: Supports 525i (480i) and 525p (480p) signals
- D3** terminal: Supports 525i (480i), 525p (480p) and 1125i (1080i) signals
- D4** terminal: Supports 525i (480i), 525p (480p), 1125i (1080i), and 750p (720p) signals

This unit supports D1/D2 terminals.

i stands for interlaced and p for progressive .

The numbers in parentheses are aliases when counting by the number of effective
scanning lines.

DCF

Abbreviation for Design rule for Camera File system .
An image format for digital cameras.

Disc at once

This is one method of writing to a CD-R.
How to write all data at once
is. This unit uses this method to write
Only CD-R can be played.

DNS on page 141

"Primary DNS Server", "Domain
name server, DNS server, etc.

Also called

A machine that converts domain names to IP addresses
A server with capabilities.

DTS (page 131)

Developed by Digital Theater Systems

This is a digital compression technology for compressed audio. pose

Compatible with multi-channel surround
is. rear channels to stereo
and the subwoofer channel is independent.
Output is upright. high-end digital
Enjoy multi-channel audio
You can

**DVD+RW [Divdy Plus
R.W.]**

A standard for rewritable DVDs.

Compared to DVD-RW, the compatibility with DVD-ROM
Highly compatible.

GH**GB [gigabyte] (page 134)**

A unit that indicates the capacity of a hard disk or
DVD. The higher the number, the larger the
capacity . 1GB is approximately 1000MB (megabytes)
I have.

IJKL**ID3 tag [ide3 tag]**

Adding titles and art to MP3 files

A convention for adding information such as the name of the
It's class.

IP address [IP Address] (page 140)
Identification information used in TCP/
IP (Transmission Control Protocol/
Internet Protocol) networks.

Usually four sets of three digits separated
by dots (for example, 192.168.239.1).

ISO9660 [ISO9660]
CD-ROM logical file format
It is a standard for

Joliet
CD-ROM logical file format
It is a standard for

LPCM (page 56) A
method for converting analog audio into
digital audio. "Linear pulse code
This is an abbreviation for Linear Pulse
Code Modulation, and allows you to
easily enjoy digital audio.

A LOT

MAC address [mac address] (134
page)
Identify devices connected on the LAN
assigned to each device for
number. CATV (cable television)
Depending on the company, the machine's MAC address
may need to be reported. Book
The MAC address of the machine can be found in
"Device Information" (page 134)
I can do it.

MagicGate (page 151)

Copyright protection for digital music content
encryption technology to protect

MPEG [Empeg] (page 149)
It stands for Moving Picture Experts
Group . For compressing video data
is an international standard for

MPEG1 [Mpeg One]
One of the video data compression methods. VHS vinyl
You can play back videos with video-quality quality.
You can

MPEG1 Audio Layer3
An audio compression method used in MP3,
An audio standard standardized by MPEG1.

MPEG2 Audio Layer3
An audio compression method used in MP3,
An audio standard standardized by MPEG2.

MP3 [MP3]
One of the music formats, MPEG
Therefore, it is an audio compression standard that has been standardized. high
High compression ratio close to CD
sound quality can be preserved. On this machine
MP3 files created on a computer, etc.
or save it to your hard disk.
you can enter.

MP4 [MP4]
MPEG-4 file format.
In the HDD y MS dubbing of this unit,
MP4-compliant memory stick
I am using video format.

mp3PRO [mp3 pro]
An original extension standard for MP3.

m3u
It is one of the play list file formats.

PQRSTUVWXYZ

PPPoE (140
page)
Point-to-Point Protocol over
Abbreviation for Ethernet . ADSL or FTTH
When I connect to the internet using
The protocol used when

VBR
Automatically adjusts the amount of data in a song to improve sound quality
minimizes file size without compromising
This is a function to keep it to a minimum.

number

8.3 Format

This is a standard that defines the format of file names.

For 8.3 format, the file name is half-width

Use 8 characters or less for the name and 3 characters or
less for the extension.

others

index

kana

Ah Album 93, 109 Switching Angles .. 54
 Pause mode134
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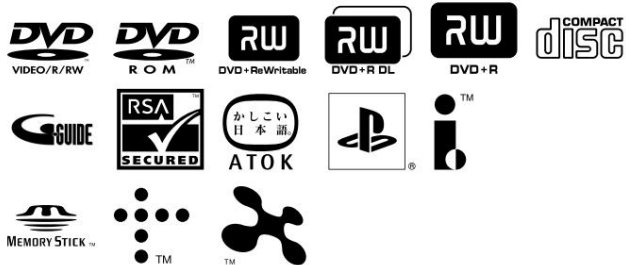
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