

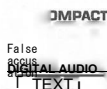
Micro Hi-Fi Component System

Instructions for collection

Thank you for your purchase.

Asao T Electrical products may cause small mouth fires or personal injuries if safety precautions are not followed.

This instruction manual shows important precautions to prevent accidents and how to handle the product. Please read this instruction manual and the separate "For Safety" booklet carefully to use the product safely. After reading, be sure to keep it where you can see it at any time.



Xinjiang MDLP

CMTP555DVD

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You can use it just by reading here

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Please note about recording

- If it is an important recording, be sure to test the recording in advance and make sure it is being recorded properly.
- stomach.
- Please forgive us for compensation for the recorded content in the unlikely event that the recording does not occur due to these problems while using the system stereo or mini-disc.
- Under copyright law, you cannot use the recording you record except for personal enjoyment without the permission of the rights holder. Please note that the price of this product includes compensation for private recording in accordance with the provisions of the Copyright Act.
- vinegar.
- (Contact: Private Recording Compensation Management Association Tel. 03-5353-0336)

Etiquette When Listening to Stereo When you enjoy music on stereo

However, at night, even small things can cause trouble to my neighbors around you.

Please listen at a good volume. special

オーディオマナー

It's something that you can do.

Let's take care of each other by closing the windows and using headphones to maintain a comfortable living environment.

This mark is a symbolic mark of sound etiquette.

If this product fails under normal use, we will repair it in accordance with the conditions stipulated in the warranty for this product. However, please note that the Company shall not be liable for any incidental damages such as damages caused by missed opportunities for use in recording, playback, etc. due to malfunction, malfunction or defect of this product.

How to use this instruction manual

- See "Connection and Preparation" (page 8)
Please make preparations such as connections.
- For basic usage, please see "You can use it even if you read only here" (page 16).
- For more advanced usage, see 28
Please see the following page.
- This instruction manual mainly explains operations using the remote control, but similar operations can be performed using buttons with similar names on the main unit.

Masu.

- In this instruction uses the following symbols manual.

marks	meaning
	This is a function that can be used on
	DVD, with a function that can be
	す。 used-on video-CDs
	This function can be used with music CDs.

About playable discs

This unit can play the following discs. It won't play anything but

the following disc. List of playable discs

Type of disc	DVD	Video CD	for music CD MD	
Mark (logo) on the disc				
What can be	Sound + Image	Sound + Image		Sound
played Disk size	12cm 8cm 12cm	8cm 12cm 8cm (CD single)		6.4cm

UDVD VIDEO "logo is a trademark.

This unit supports NTSC color TV system.
Discs that support color television systems other than NTSC (PAL, SECAM) cannot be played.

About Playable DVD Region Numbers (Ridge 'on Codes)

Some DVDs have a region number displayed, as shown in. The displayed numbers are played back

It represents the regional number of the player who can. This display does not contain "2", or DVDs without the Taha display cannot be played on this unit. Let's play a DVD like this

"This disc is prohibited from being played due to regional restrictions" will be displayed on the screen. Also, DVDs that do not have region numbers displayed

However, there may be regional restrictions and you may not be able to play it on this unit.

Continue to the next page

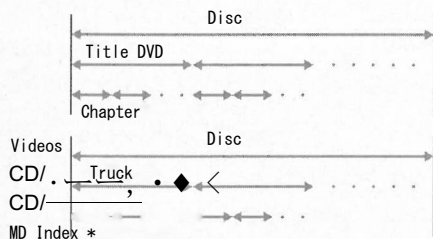
About playable discs (continued)

Description of the marks displayed on the DVD. The following are the marks displayed on the disc and package of the DVD. Each mark represents the content recorded on that disc and the functions that can be used.

However, there are some DVDs that do not display the following marks even though these functions can be used.

Mark	meaning
	Represents the number of tracks of audio.
	Represents the number of subtitles.
	Represents the number of angles.
	Represents the selectable image aspect ratio.
	Represents a renewable area number.

Disk Terms Explanation



* MD does not have an index.

Title

It is the largest unit of video and song recorded on DVD. Usually, it corresponds to one movie in video software, and one album (or one song) in music software. The sequential numbers attached to the titles are called title numbers.

Chapter

A chapter is a division of a video or song recorded on a DVD, and a unit smaller than the title is called a chapter. One title consists of several chapters. Chapter numbers are assigned sequentially to chapters. Some discs have no chapters recorded.

Truck

Video A video or song segment recorded on a CD, CD, or MD is called a track. The number assigned to the tracks in sequence is called the track number.

Index (CD) /Video Index (Video CD)

Video CD and CD, the part you want to play Find one track to make it easier to find It is divided into parts of the shoe and numbered. Some disks are not indexed.

Scene

In PBC-compatible video CDs, the menu screens, videos, and still images are called scenes. The number assigned to each scene in order is called the scene number.

About PBC * (Video CD)

This unit also supports PBC

compatible video CD (version 2. 0).

Depending on the disc type, you can enjoy the following two types of playback.

Type of disc How to enjoy it

Just like music CDs that are not compatible with PBC, video CDs (bar operation) can be used to create audio and video	John 1.1) PBC (video) can be played. In
compatible video CD (version 2.0)	addition to the above (if it is not compatible with PBC), you can use the menu screen (selection screen) displayed on the TV screen to play interactive software or software with search functions (PBC Playback, page 35). It can also play back high definition stills.

プレイバック コントロール

* Stands for Playback Control.

About unplayable discs

This unit cannot play the following discs, etc.

- CD-ROM (PHOTO CD including)
- CD-R other than music CD format, VCD format

- Data portion of CD-EXTRA
- DVD-ROM
- DVD Audio
- Super Audio CD HD (Hayden City) layer

It also won't play discs like:

- Area numbers that cannot be played on this unit (for home use and other partial viewing unless enabled) encode) DVD
- Discs that support color TV systems (PAL, SECAM) other than NTSC (This unit supports NTSC color TV system)
- Discs with special shapes other than circular shapes (card-shaped, heart-shaped, etc.)

- Disc with paper or sticker
- Discs that have sticking out or peeling glue such as cellophane tape or rental disc labels

When playing CDs recorded in DTS *, the speakers produce extremely loud noise. You need to be very careful not to damage your system. To enjoy DTS Digital SurroundFM playback, connect 5.1 channels to the digital output of this unit. You must connect an external DTS Digital SurroundFM decoder. Keep the volume down when not connected.

* DigTal Theater Systems, Inc •
Manufactured under license from.
Trademarks of DTS and DTS Digital SurroundtDigital Theater Systems, Inc.

DVD. Video CD playback operation Stay there

The playback status of DVDs and video CDs may be determined by the intention of the software creator. This unit plays back according to the disc content intended by the software creator, so functions may not work as intended. Be sure to also read the instructions that come with the disc you play.

Copy right

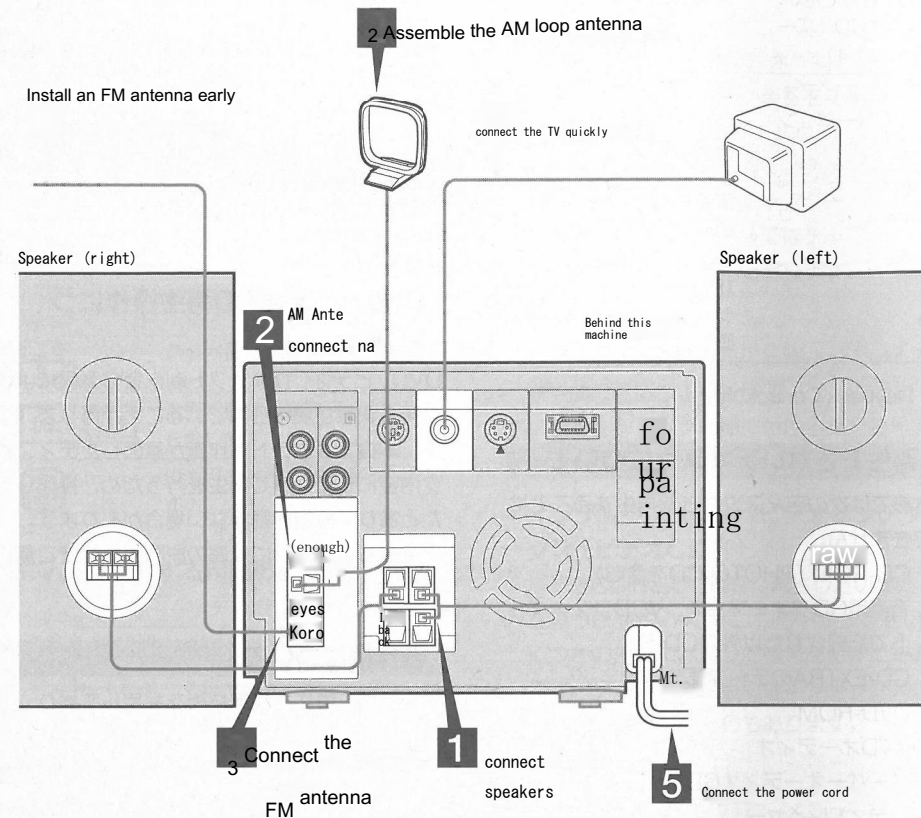
This product adopts copyright protection technology and is protected by U.S. patents and other intellectual property rights held by Macrovision Corporation and other copyright holders. The use of this copyright protection technology requires the permission of Macrovision, Inc., and the special permission of Macrovision, Inc.

Preparation 1: Connect the unit

Connect the included antennas and cords in the order.

The included antenna is for indoor use. For stable reception, it is recommended to connect a commercially available external antenna.

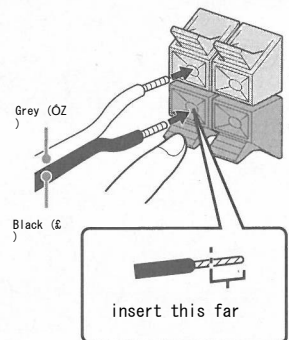
See page 110 for connection of equipment sold separately, including external antennas.



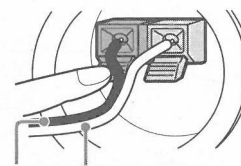
1 connect speakers

- 1 Connect the speaker cord to the speaker terminal of this unit and the speaker.

Native machine



Speakers



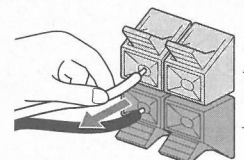
Black (O) Grey (©)

2 Gently pull the speaker cord

Make sure it is connected correctly.

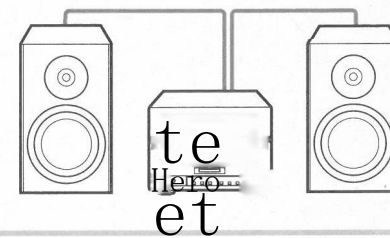
RU 0

If the speaker cord comes loose from the terminal, reconnect it again. Also, if you plug it in too much and the vinyl part gets stuck, there is no sound.

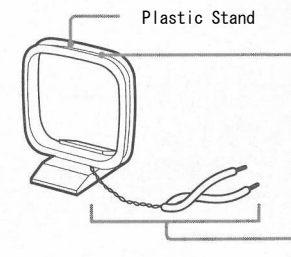


Please note

- Keep the speaker cord away from the antenna. It will cause noise when receiving radio stations.
- The included speaker does not distinguish between right and left. Place the speaker connected to the speaker terminal marked "R" to the right, and the speaker connected to "L" to the left.



2 STRUCTURE OF AM ANTENNA ACCESSING AM ANTENNA



The shape and length are such that radio waves of the antenna AM are easily received. Do not remove or roll up.

Continue to the next page

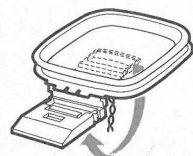
Assemble AM Antenna

1 The part in the loop (-)

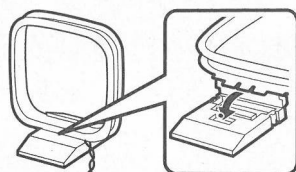
Remove it from the plastic stand

Assemble in a two-stand shape

Raise the platform,

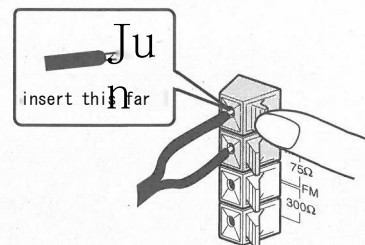


Fit into the groove



Connect an AM antenna

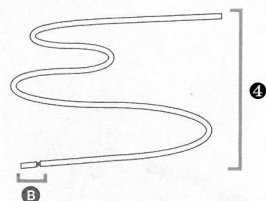
Connect the antenna cord to the 1AM antenna terminal.



2 Pull the antenna cord gently to make sure it is connected correctly. If the antenna cord comes out of the terminal, reconnect it again.

3 Connect an FM antenna

STRUCTURE OF ATTACHED SIMPLE ANTENNA FOR FM

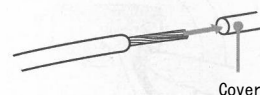


0 Stick it to the wall or ceiling facing the direction of good reception. The whole thing is an antenna, and the whole surface is received. I don't roll it up.

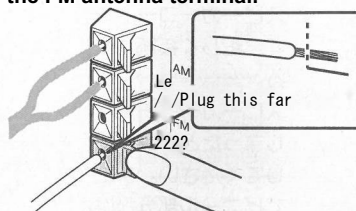
2 Insertion part into antenna terminal

Connect an FM antenna

1 Remove the cover of the insertion part 2.



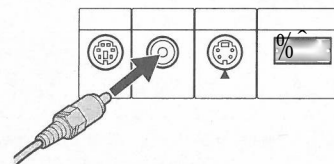
2 Connect the antenna cord to the FM antenna terminal.



3 Pull the antenna cord lightly to make sure it is connected correctly. If the antenna cord comes out of the terminal, reconnect it again.

Connect to TV (for DVD/Video CD)

Connect the included VIDEO connection cable to the yellow (VIDEO OUT) terminal of the monitor output of this unit and the yellow (VIDEO) input terminal of the TV. Please insert the plug firmly all the way in.

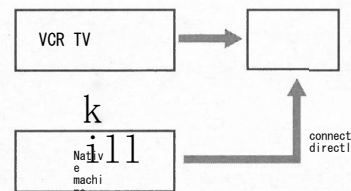


Just a word

- When using a TV with an S video input terminal, You can enjoy even clearer images by using the S video cord (sold separately) instead of the yellow video connection cable.
- When using a TV with a D-terminal input terminal, connect it using a D-terminal cable (sold separately) to easily connect it with component video and enjoy the original color of the video.

Please note

- If you connect a non-Sony TV, you cannot operate the TV using the buttons on the remote control 0
- Do not place the TV on top of this unit.
- If you try to view the video of this unit via a video recorder as shown below, the image may be distorted. Do not connect this unit to the TV via a VCR.



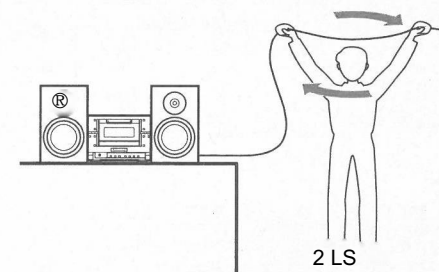
Connect the power cord

Once all connections are complete, plug the power plug into the wall outlet.

6 Install an FM antenna

After selecting and receiving an FM station in Step 3 of "Preparation 3: Make this unit store radio stations" (page 14), attach the antenna to the wall or ceiling as follows.

Hold the tip of the antenna with both hands and look for a good direction of reception while changing the direction of your body.

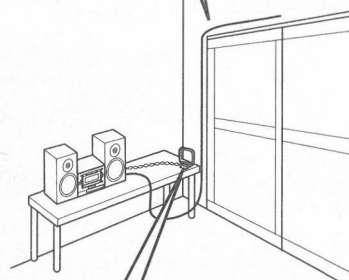
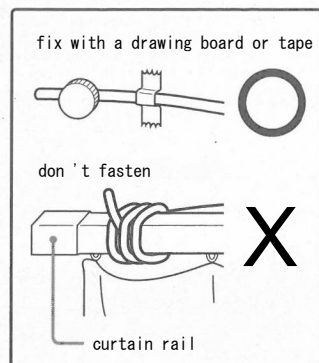


When sticking it to the wall, look for a surface with good reception.

Continue to the next page

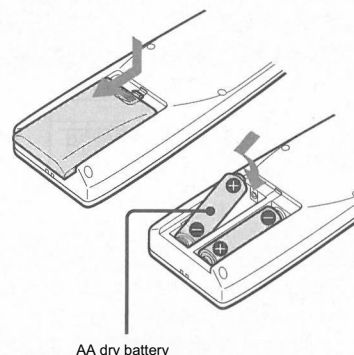
Preparation 7: Connect this unit (continued) Put batteries in the remote control

Once you have decided on the two directions, stick them with a drawing board or tape.



The AM antenna should be placed as close to a window as possible, or changed its orientation to find a state where it is easier to receive.

Place 2 AA batteries (included) in the orientation of ① and 0. Be sure to insert the battery from the 0-pole side as shown in the illustration.



Just a word

Battery replacement time is about 6 months. When the distance you can operate with the remote control becomes shorter, replace both batteries with new batteries.

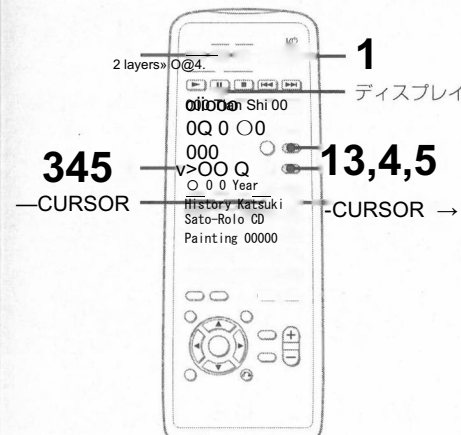
Please note

- If the battery is used incorrectly, liquid may leak or rupture. Be sure to observe the following. Please enter the correct orientation of-and-.
 - Do not mix new batteries with used batteries, or different types of batteries.
 - Do not charge dry batteries.
 - Remove the batteries when not using the remote control for a long time.
- If a battery leaks, wipe off the liquid from the battery compartment thoroughly before inserting a new battery.

• When using the remote control, be careful not to expose the light receiving part of the remote control to direct sunlight or strong light from lighting equipment. Sometimes you can't operate it with the remote control.

Preparation 2: Set the Clock

Timer In order to use timer functions such as recording, set the clock in advance.



1 Turn on the power

2 Press Clock/Timer Settings The clock is displayed and the "day of the week" (SUN) will flash.

SUN 0:00AM

3 Press MENU + or 1 to "Yo."

Inflict SJ and press ENTER/YES or CURSOR->

"Time" (0 and AM) flashes. (Noon is 0:00 PM and midnight is 0:00 AM.)

SUN 0:00AM

4 Press MENU + or one to "Time" press ENTER/YES or CURSOR->

"Minutes" flashes.

SUN 0:00AM

5 Press MENU + or one to "Minutes"

Press ENTER/YES to start the clock.

If you make a mistake in the middle of setting

-Press CURSOR or CURSOR-> to flash the place you want to change (day of the week, hour, minute).

Let's re-adjust it.

change the set time

1 Press the CLOCK/timer setting, press MENU + or 1 to display "CLOCK SET?", and press ENTER/YES.

2. Perform steps 3-5 of "Set the clock".

You can set and change the time even when the power is not turned on. In that case, perform steps 2 to 5 of "Set the clock".

Just a word

The colon ":" on the clock display flashes at the top when 0-29 seconds and at the bottom when 30-59 seconds.

Continue to the next page

Preparation 2: Set the Clock (cont'd)

switch to low-power standby mode

Even when the power is turned off, this unit consumes power for clock display, timer operation, and remote control reception. This power consumption can be kept to a minimum to save power (low power standby mode).

When you switch to low power standby mode, the clock display in the display window disappears.

Press the display repeatedly with the power off to turn off the demo display or clock display

L timepiece denotes *

Demo mode

L-Low power consumption standby mode

* It will return to low power standby mode after about 8 seconds of display.

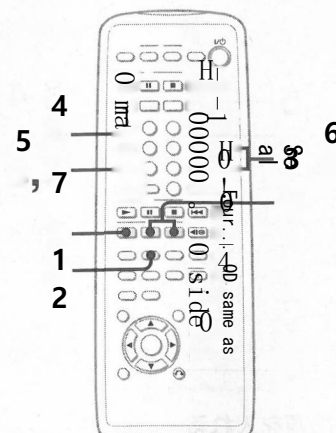
Just a word

The timer also works in low power standby mode.

Preparation 3: Make this unit store the radio station

(プリセット)

You can store (preset) up to 20 FM broadcasts and 10 AM broadcasts.



1TUNER Press the tuner button repeatedly to select "AM" or "FM"

2 Playback mode/tuning

Press repeatedly to display "AUTO"

3 Press + or one of TUNER

The frequency display changes and automatically stops when a radio station is received.

"TUNED" and "STEREO" (only when broadcasting in STEREO) are displayed. If "TUNED" does not appear and does not stop, press playback mode/tuning mode repeatedly to display "MANUAL", and press + or 1 on TUNER to adjust the desired frequency.

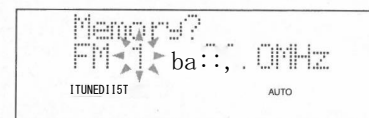
4 MENU/K6 press

5 FMemory by repeatedly pressing MENU + or one? Display J and press ENTER/YES

The preset number will flash. Perform steps 6 and 7 while blinking.

6 Press MENU + or 1 repeatedly to select the number you want to remember (preset number)

Choose from 1-20 for FM and 1-10 for AM.



7 ENTER/YES press

When FCompleteiJ is displayed, the radio station is remembered and the preset number changes from flashing to lighting.

8 Repeat steps 1 to 7 to memorize the radio station

stop halfway

Press MENU/NO.

In Step 2 of receiving a radio station with weak radio waves, display "MANUAL" and repeatedly press + or 1 of TUNER to adjust the frequency.

Change the preset number
Start over from step 1.

Just a word

- Even if there is a power outage or the power cord is unplugged, the radio station you have memorized will be retained for about one day.
- You can name the radio station you have memorized (page 104).

DVD • CD play

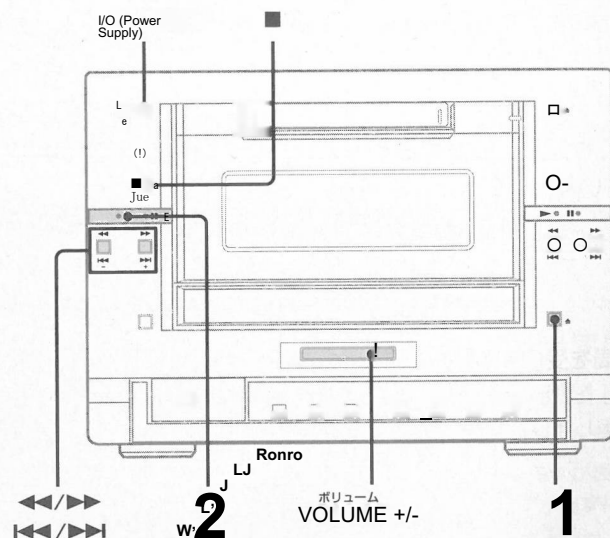


When the power is not turned on, press ". (Power) to turn on the power.

To play a DVD, turn on the TV in advance and turn off the TV input.

Please make sure that the image on the disc is displayed instead.

Some DVDs may stop in the middle or cannot be played from where you like, or have different or prohibited operations depending on the disc. Be sure to read the instructions that come with the disc as well.



1 Press DVD to bring up the disc tray where you can insert the disc.

Place the single CD in the center depression with the lettered side up.

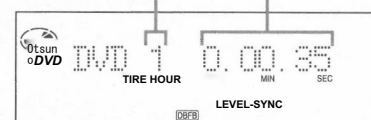


Press the gold DVD again and the tray

closes. 2 DVDALL press

The disc tray automatically closes to start playback and the A lamp on the DVDALL button turns green.

Title/Chapter
or track number playback time



When playing DVDs or video CDs

Depending on the disc, a menu may appear on the TV screen. At that time, playback is performed according to the operation of the displayed menu screen (selection screen). Please refer to the DVD (page 34) and the video CD (page 35) for instructions on how to operate.

Just a word

- When there is No disc in the display window, "No DiscJ" will be displayed.
- Even if you are listening to other sound sources (such as radio), if you press DVDALL while the disc is in the tray, it will switch to DVD and start playback (auto function show).

n).

If you are playing a CD, you can select the track number in Step 2 before playing.

Press repeatedly to display the track number you want to play.

Ru 0

2 DVDALL Press.

Or choose with the number buttons on the remote control and press DECISION.

When using used/rental discs

Do not use discs that have glue such as stickers sticking out or peeling off. The disc may not be ejected or the unit may malfunction.

Continue to the next page

continued) Other operations

At times like this	Operation
stop playback	Press the DVD
pause one	Press DVDALL. The II lamp on the DVDALL button lights up orange. Press it again to play the sequel.
Select chapters, videos, and tracks during playback	Press I ◀ or AN repeatedly on the DVD.
Find the part you want to play	Press and hold ◀ or AA on the DVD during playback and release your finger where you want to play.
クを取り出す	Push Gold DVD. Press
adjust the volume	VOLUME + or 1.

Please note

- Pressing the disc tray firmly with your finger to close may cause malfunction. The tray must be

Press the DVD to close it

- Press gold DVD to open and close the disc tray, the function will automatically switch to DVD.
- The screen saver on the TV screen will automatically work if you pause or stop for 15 minutes or if you play a CD for more than 15 minutes without operating the unit or remote control.

Press DVD All and the screensaver disappears (100 pages).

Record a CD as it is

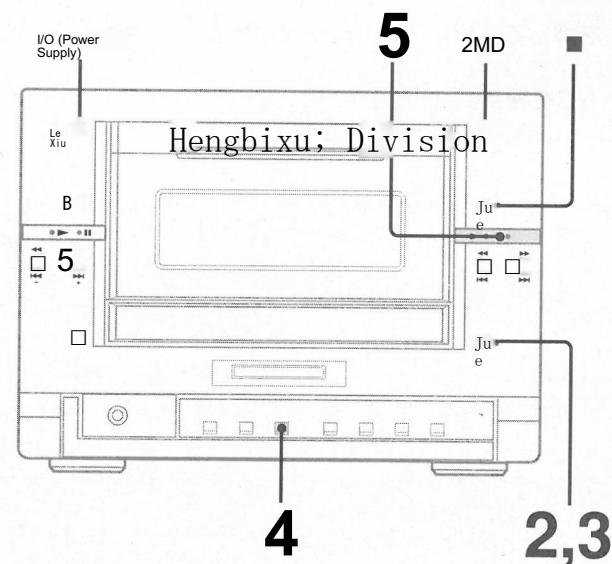
CD

You can digitally record one CD straight to MD (Mini Disc).

If you want to delete a recording, see "Delete a song" (page 65).

In addition to recording a CD as it is, there are various recording methods available (page 42). Please use the recording method that suits your purpose.

When the power is not turned on, press I/O (Power) to turn on the power.



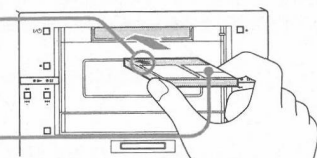
Continue to the next page

Record the CD as is (continued)

1 Insert the MD for recording

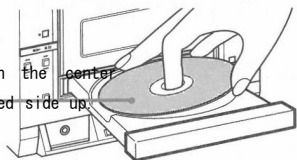
Insert in the direction of the arrow

Turn the lettered side up and the shutter on the right side.



2 Press WDVD to bring up the disc tray to put the disc in.

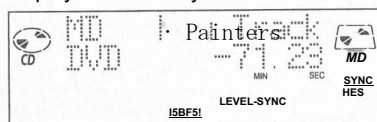
Place the single CD in the center depression with the lettered side up.



3 Press the gold DVD to close the disc tray

4 CD SYNC press

"MD New TrackJ and MD remaining time are displayed alternately.



5 MDAll press

Recording begins.

When recording is finished, CD and MD will also stop automatically.

Press MD to stop recording.

Just a word

- If the MD is recorded halfway through, it will be recorded after the recorded song.

- Depending on the disc, CD text information is also recorded.

If the "TEXT" display is flashing during recording, press NAME EDIT/SELECT on the remote control and then press ENTER/YES to record the song title of the song being recorded. (When it is lit, it will be recorded automatically.)

You can switch the recording mode before step 4 to record for a long time. For more information, see "Recording for a long time" (page 52).

Please see (j).

Before unplugging the power outlet, record the recording information to the MD. Write it to TOC and complete it. Writing to the TOC is done when the MD is ejected or turned off. Before writing TOC, plug the power plug while writing ("TOC" lights up or flashes).

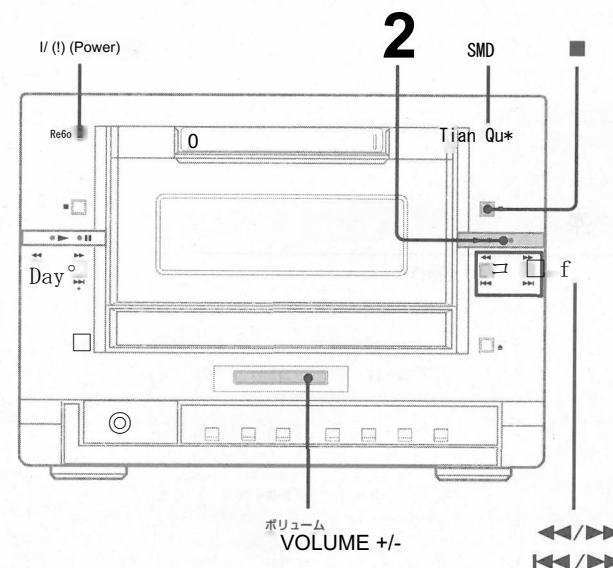
Do not unplug it. Recording information is not recorded correctly.

Please note

- Playback mode is repeat or When shuffled, it will automatically switch to normal playback in step 4.
- If the MD is in the erroneous erasure prevention state, "C11" will be displayed. "Protected" appears alternately and cannot be recorded. Press the WMD to remove the MD, and move the false erase prevention knob to block the hole] (page 43).
- For video CDs, PBC Playback I is automatically canceled.
- This recording cannot be done on DVD. Only manual recording (50 I pages) and wrecking it (49 pages) are available.

Play MD

When the power is not turned on, press I/O (Power) to turn on the power.



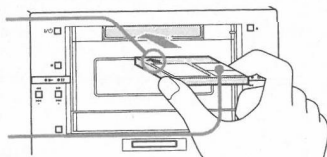
Continue to the next page

Play MD (Tsuzugi)

1 MD put

Insert in the direction of the arrow

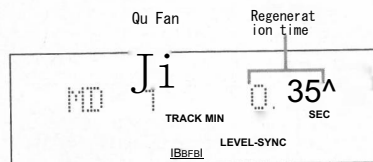
Turn the lettered side up and the shutter on the right side.



2 MD▶IIを押す

Playback begins.

The A lamp on the MDAII button turns green.



Other

operations Stop	Operation
playback in	MD Press.
this case Pause	Press MDAII. The II lamp on the MDAII button lights up orange. Press it again to play the sequel. Repeat MD or AA
choose a song	Push.
Find the part you want to hear in the song MD or AA during playback	Keep pressing and releasing your finger where you want to hear.
Remove MD	Press 2MD. one
adjust the volume	Press VOLUME + or 1.

Just a word

- In step 2, you can choose the song number before listening.

Press 1 or AA repeatedly on 1MD to display the song number you want to listen to.

2 MDAII Press.

Or press the number button on the remote control.

Playback of the song number you pressed will start automatically. To select 10 or later, press 10, then press the song number. To select 0, press the 10/0 button.

- Even if you are listening to other sound sources (such as radio), if you press MDAII when the MD is inside, it will switch to MD and start playback (auto function).

Please note

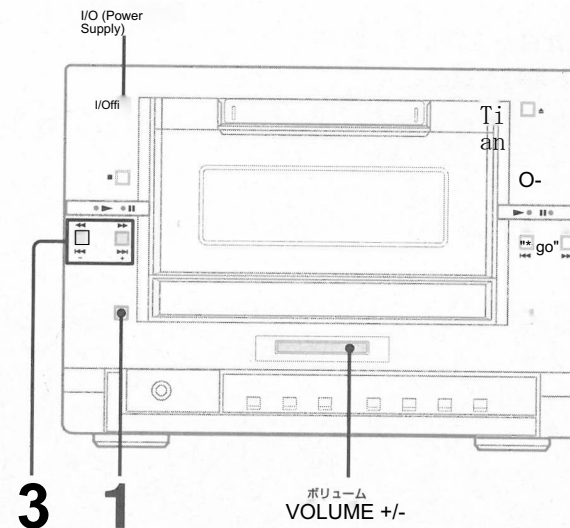
Do not use MDs with labels that protrude or are not labeled in the correct position. This may cause malfunction of this unit.

listen to the radio

(プリセット受信)

This section mainly explains how to receive presets to listen to radio stations stored in this unit in advance (Presets, page 14). How to listen while matching the frequency to the radio station you want to listen to (listen to the radio station you have not memorized) is introduced at the end of the explanation.

When the power is not turned on, press the (Power) button to turn on the power.

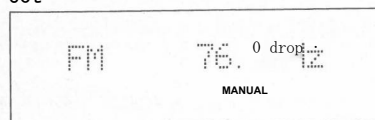


Continue to the next page

Listen to the radio (continued)

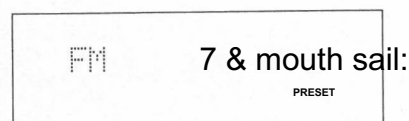
1 Press TUNER/BAND to select "AM" or "FM"

Select

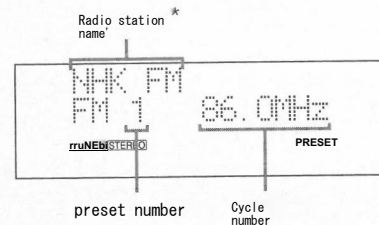


2 Set the playback mode/tuning mode of the remote control

Press repeatedly to display "PRESET"



3 Press K + or 1 to select the preset number of the radio station you want to listen to.



* It is only displayed when you name the radio station you have memorized (page 104).

You can also select the preset number using the number button on the remote control (page 25).

Other operations

At times like this	Operation
turn off the radio	Press 0 to turn off the power. Press VOLUME + or 1.
adjust the volume	

Just a word

• Even when playing other sound sources (such as CDs), press TUNER/BAND to switch to radio and listen to radio broadcasts (Auto function).

• If the reception condition is poor, try changing the orientation, location, and pasting position, such as placing the antenna near a window or outside. If reception is still poor, we recommend using a commercially available external antenna (page 115).

• When there is a lot of noise while receiving FM stereo broadcasts, press the REPEAT /FM mode on the remote control repeatedly to display "MONO". You get mono reception, but less noise.

Select a preset number using the remote control

Press the number button on the remote control in step 3.

To select 10 or later, press > 10, then press the preset number. To select 0, press the 10/0 button.

listen to an unmemorized radio station

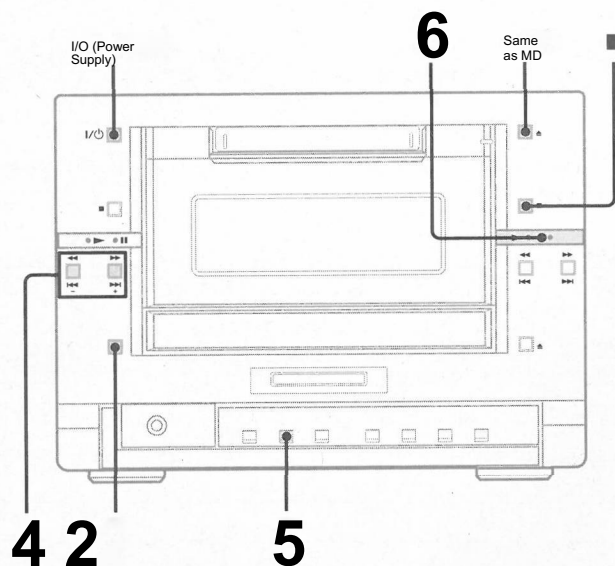
- Display "MANUAL" in step 2 and press TUNING + or 1 to tune to the frequency of the radio station you want to listen to (MANUAL reception).
- Display "AUTO" in step 2 and press TUNING + or 1. The frequency display changes and stops automatically when a radio station is received (auto reception).

If you want to stop automatic reception halfway through Press Play Mode/Tuning Mode on the remote control.

Recording radio gw recording)

Record analog to MD.

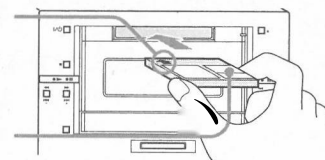
If an MD is recorded halfway through, it will be recorded after the recorded song. If you want to delete a recording, please refer to "Delete a song" (page 65). When the power is not turned on, press Re (!) (Power) to turn on the power.



1 Insert MD for recording

Insert in the direction of the arrow

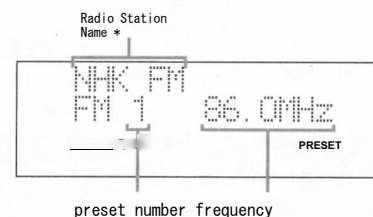
Turn the lettered side up and the shutter on the right side.



2 Press ^{チューナー} TUNER/^{バンド} BAND to select AM or FM

3 Play the remote control Press the playback mode repeatedly to display "PRESET".

4 Press ^{チューニング} TUNING + or 1 to select the preset number of the radio station you want to record



* It is only displayed when you name the radio station you have memorized (page 104).

You can also select the preset number using the number button on the remote control (page 25).

5 Press ^{録音/再生} REC/REC IT MD will pause recording.

6 Press MDALL Recording begins.

stop recording

Press MD.

Just a word

- If there is a "beep" or "whoosh" noise while recording AM broadcasts, move the supplied AM loop antenna to a position where the noise disappears or connect it to earth (page 115).

You can switch the recording mode before step 5 to record for a long time. For details, see "Recording for a long time" (page 52).

Please see (j).

- You can adjust the volume of the recorded sound to your liking. Adjust after step 5 (page 57).

Recording to the MD is completed by writing the recording information to the TOC before unplugging the power outlet. Writing to TOC is done when the MD is ejected or turned off. TOC Do not unplug the power plug from the outlet before or during writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

Please note

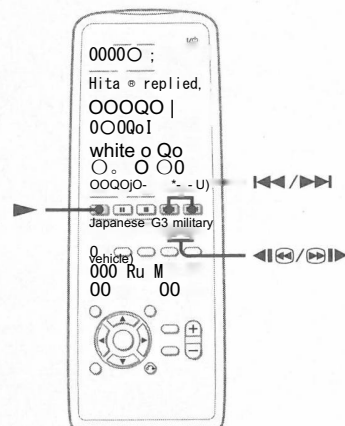
If the MD is in the false erase prevention state, "C11" and FProtectedJ are displayed alternately, and recording cannot be performed. Press the WMD to remove the MD and move the anti-false erase knob to block the hole (page 43).

play at a different speed

(Fast forward/Fast rewind/Slow playback)



You can fast-forward and fast-forward while playing, search for what you want to see or hear, and play slots.



Please note

Depending on DVDs and video CDs, operation may be prohibited.

Search for what you want to see and hear (Search)

During playback, press and hold AA of the DVD (fast-forward speed of 1AA) to fast-forward, and I < (Fast-forward speed) of the DVD to fast-forward.

Release the button to return to normal playback. Fast-forward 1W/fast-forward 1AA is the same as the speed of Sukyan.

Fast-forward playback/fast-forward playback to find what you want to see or hear (scan)

During playback, press * A to fast forward and <1 * to fast-forward. Press A on the DVD to return to normal playback.

Repeatedly pressing <1 * or * IA during scanning will change the playback speed. You can choose from three different speeds.

Every time you press the button, it changes as follows.

vinegar.

Regeneration direction

Lx2A (DVD/CD only) 1 Fast Forward 1 >>>
-----Fast Forward2>>>-----

reverse direction

> x2V (DVD only) -Fast Back 1 <<<
-----Fast return 2 <<<-----

x2V/x2A plays at about twice the normal speed. vinegar.

Fast Forward 1 < / Fast Forward 1 > > From Fast Forward 2 < < /

Fast forward 2AA plays faster.

play slow

This feature can only be used on DVD or video CD.

Press <1 * or * A during pause.

Press A on the DVD to return to normal playback.

Repeat <once or * IA during slot playback

Press it to change the playback speed. two kinds of

You can choose the speed.

Every time you press the button, it changes as follows.

vinegar.

Regeneration direction

Slow 21A < -> Slow 11 >

Reverse (DVD only)

Slow 2 <11 Slow 1/

Slow 2 <1/Slow 21A plays at a slower speed than Slow 1 <1/Slow 11A.

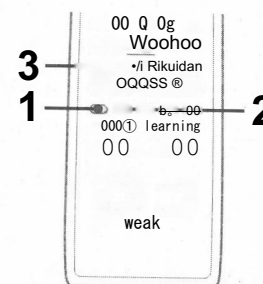
play out of order

(シャッフル再生)



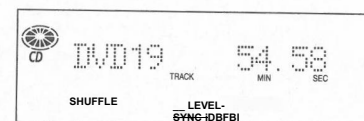
This unit automatically selects the order of titles and tracks and plays them all. The playback order changes each time you shuffle playback.

vinegar.



1 Press the function repeatedly to switch the function to

2 Press playback mode/tuning DVD repeatedly while stopped to display FSHUFFLEJ



3 Press A on DVD

Shuffle playback begins.

return to normal playback

Press . of the DVD to stop playback, then press playback mode/tuning mode repeatedly to turn off "SHUFFLE" or "PROGRAM".

Just a word

Press AA on the DVD when you skip a song you don't want to hear.

Please note

• Combine shuffle playback and program playback. You can't use it.

• DVDs cannot be shuffled chapter by chapter. Also, some DVDs may not play shirt full.

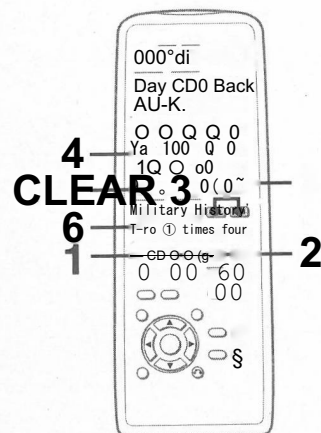
Play in any order you like

(プログラム再生)



Up to 25 titles, chapters, tracks
You can select and program the song.
Programmed songs can be recorded
synchronously to MD (page 47).

Program using the display window of the main unit
to do

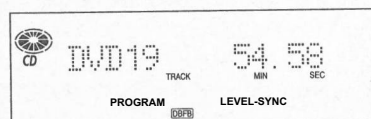


1 Press the function repeatedly
Switch the function to DVD

2 Press playback mode/tuning mode
repeatedly while stopped to

-Program-

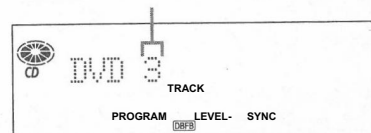
Display FPROGRAMJ



3 Press I ◀ or AA repeatedly on the DVD
to select the title or track you want to
program When programming a DVD,
then press ENTER/YES to select the
title or track you want to program.

◀◀ Or press the button repeatedly to
Pick a putter.

Selected title or track



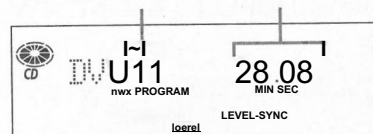
4 エンター イース Press ENTER/YES

It will be programmed in the order of
your choice of title/chapter or track.
After the number of tracks programmed (
number of steps) is displayed, the final
-Grammed title or track number and total
playback time of the program are shown.

will be shown.

If you make a mistake in programming, press CLEAR,
and every time you press, the program will be
closed at the end.
-You can delete grammed songs.

last title
Track number Total playback time



5 Repeat steps 3 and 4

6 Press A on DVD

Playback will start in the programmed order.

vine
gar.

Check the order of the program

Press A on the DVD to start playing, and while
playing

Press I ◀ or AA on the DVD.

Factory

Other operations

Operation in this case

Press . on the DVD to return to normal playback, then

Press playback mode/
tuning mode repeatedly
to select "SHUFFLE" or
Delete "PROGRAM".

Proceed to add steps 3 and 4 at the end.
(Only during stop)

Title/Chap using number buttons Choose a tar or track number

Instead of steps 3 and 4, select and decide using the number
button.

Press Constant.

Just a word

The program remains even after program playback
is finished. Press A on the DVD to play the
same program. However, when you open and close
the disk tray, the program disappears.

- When you try to program more than 26
tracks (Step), rstep FulHJ will be displayed.
- When the total playback time of the disc exceeds
1000 minutes or when the DVD is programmed,
"....." will be displayed.

Please note

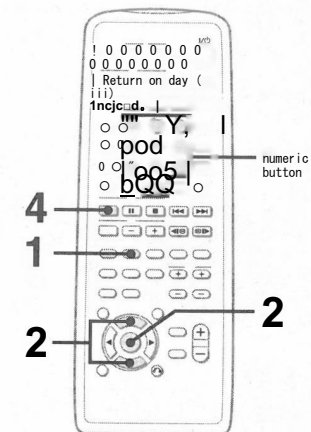
Depending on the DVD, programs may not be playable.

I will.

program using a TV screen

If you turn on the TV in advance and switch the
TV input so that the disc image can be displayed,
you can operate it on the TV screen.

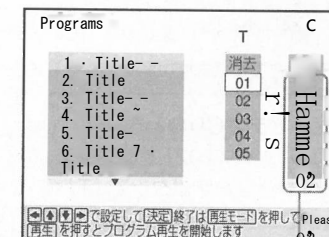
Masu.



1 Press the playback mode/tuning
mode repeatedly to select "Pro". do
Gra

Display "mu"

the highlight moves to the title
or track (in this case rou) o



Chapters on Disc

Continue to the next page

D
V
D
·
C
D
·
V
i
d
e
o
P
l
a
y
b
a
c
k

Play in any order you like (continued)

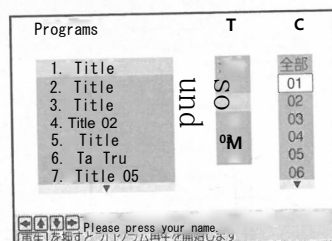
2 Title you want to play the program/

Set up a chapter or track

When on DVD

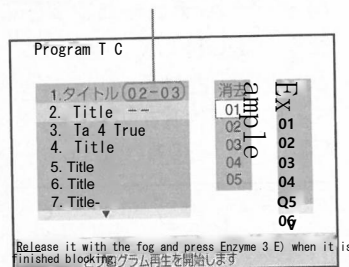
Example) Set chapter T03J with title F02J.

Select "T" F02J with ▲/or the number button and press OK.



Next, select "C" rosj with ▲/or the number button and press OK.

Configured Title/Chapter



When CD, Video CD

Example) Set track "02".

Select T02J of FTJ with ▲/or the number button and press OK.

Press CLEAR to delete the set program.

Every time you press, the last programmed title/chapter or track is deleted

Yes.

If you select "Erase" on the TV screen and press DECISION, the last programmed title/chapter or track will also disappear.

3 Titles to be played consecutively/Repeated playback When playback was stopped

If you want to set up a putter or track, repeat step 2

Title/Chapter or Track

will be displayed in the order selected.

4 Press A on DVD

Playback will start in the order

programmed.

After the program is finished, you can play the same program by pressing A on the DVD again.

return to normal playback

Repeat playback mode/tuning mode

Press to display "Continue".

Just a word

You can also repeat playback with the program you set. Pu -Press REPEAT/FM mode while playing the gram. Or while the program is playing, turn "Repeat" to "On" on the control menu screen (page 80). I will.

Please note

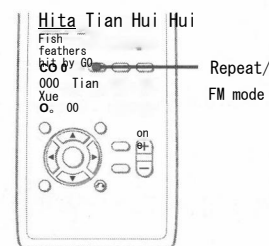
Titles, chapters, and tracks are displayed on the screen as many times as they are recorded on the disc.

(Repeat playback)



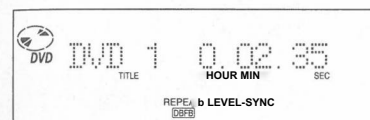
Play the entire disc or a single title, chapter, or track repeatedly.

You can also shuffle playback and repeat program playback.



During playback, press REPEAT/FM mode to press FREPEATJ or "REPEAT"

Display 1J



REPEAT: Replays the entire disc being played back I will.

REPEAT1: When playing a CD, it is a song currently playing.

Repeat. When playing a DVD,

only one title or chapter of

I will repeat. Display on the TV screen every time you press

changes as follows.

|~> REPEAT → REPEAT 1 (title) ----->

•REPEAT OFF ← REPEAT 1 (Chapter) "

stop repeat playback

Press Repeat/FM mode to turn off

FREPEATJ or [REPEAT1J.

Please note

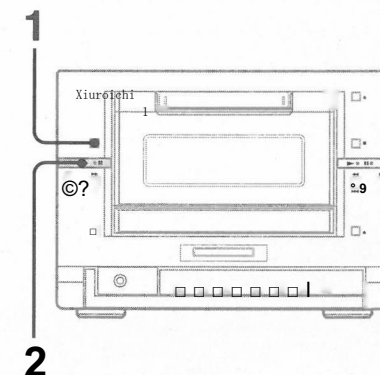
- Repeat playback may not be possible depending on the DVD.
- Repeat playback is not possible with PBC playback of video CDs.

Play from

(リジューム再生)



After stopping playback, you can continue to play. Resume playback works even when the unit is in standby mode unless the disc tray is opened.



1 During disc playback, press the

• button on the DVD to stop

playback. When "RESUME" is

not displayed, RESUME

2 Press All on DVD

Playback will start from where you left off in step 1.

Just a word

If you want to play the disc from the beginning, press • twice on the DVD, then press All on the DVD.

Continue to the next page

Play from where you stopped playing
(continued)

Please note

- Depending on where playback is stopped, the start of resume playback may be shifted.
- In the following cases, the recording where playback was stopped will disappear and resume playback cannot be performed.
 - When opening and closing the disk tray
 - When changing the playback mode
- (i) When changing settings on the settings screen

DVD using DVD menu

DVD includes a title menu and DVD menu.

Some DVDs have their own menus recorded, such as New. These

You can play it using new.

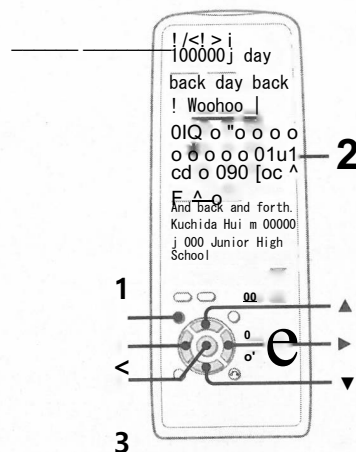
Depending on the disc, the "title menu" is referred to as "menu" or "title", and the "DVD menu" is referred to as "menu".

There is something to show. In addition, some programs display pressing the decision button as "pressing the selection button."

Use the title menu

When playing a DVD with multiple titles (videos or songs) recorded, select the title

You can choose your favorite title in New.



1 Press Title

The title menu is displayed. Title content varies from disc to disc.

2 V/A/A/V the title you want to play

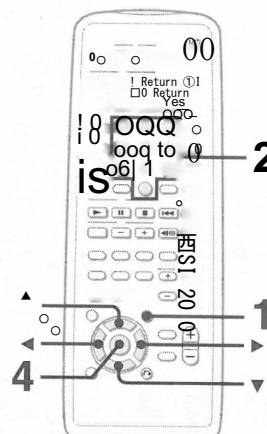
or select with the number button

3 Press the decision

The selected title will start playing.

Use the DVD menu

You can select the contents of the disc in the menu. When playing a DVD, you can select the items you want to play, the language of subtitles, and the language of audio in the DVD menu.



1 Press DVD menu

The DVD menu will appear. The DVD menu varies from DVD to DVD.

2 Select the item you want to select
<"/>A/or the number button.

3 If you want to change to another item,

Repeat Step 2

4 Press the decision

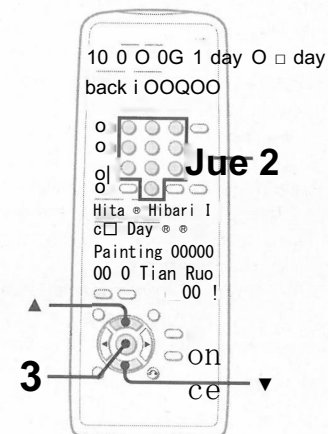
Use playback control

(PBC Regeneration)

You can use the PBC * function to perform interactive operations and searches. PBC playback is to proceed with playback according to the selection menu displayed on the TV screen.

プレイバック コントロール

* PBC stands for Playback Control.



1A menu screen will be displayed for selecting to play a PBC-compatible video CD.

2 Select the number of the item you want to

perform (play) on the menu screen

using ▲/or the number button continue to the next page

Using the playback control function
(continued)

3 Press the decision

4 For selection displayed on the TV screen

Open the menu screen, etc.

and operate it.

The operation method may vary depending on the disc, so please also refer to the instructions included with the disc.

Return to selection menu screen

Press Return C.

Just a word

When playing without using the PBC function, press the 1 or the number button on the DVD to select the track you want to play, and then press A or OK on the DVD. "Turn off PBC and play" will be displayed on the screen, and playback (playback in order of track number) will begin. At this time, still images such as menus for selection cannot be played.

To return to PBC playback, press . on the DVD to stop playback, press . on the DVD again, and then press A on the DVD to start playback.

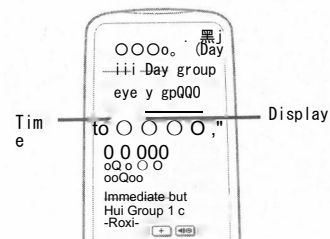
Go, main sound

Depending on the disc, it will display "Press the Select button" to press the decision in Step 3. At that time, press A on the DVD.

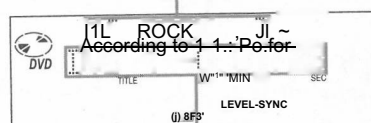
How to use the display window



You can look up the entire disc or a single title or chapter, track (song) remaining time, or look up the disc name or track name. Use the display button and the time button to switch the display.



Switch with display button



toggle with the time button

Check the remaining time

Press time during playback

Each time you press it, it changes

like this: DVD in reproduction

I-► Title number and elapsed time Title



number and remaining time Chapter



number and elapsed time



I-Chapter number playing and time remaining

CD • Video CD Playing

→ Playing track number and elapsed time



→ Playing track number and remaining time



→ Entire Disk Elapsed Time *



L Total Disk Time Remaining *

* It is not displayed during shuffle playback or program playback. Also, only the elapsed time of the scene is displayed during PBC playback of the video CD.

Check the track or disc name

Press the display during

playback or pause

Each time you press it, it changes like this: L timepiece



→ Preset Equalizer Name



→ Track or Disc Name *

* The track name is displayed when a CD with text is playing and the disc name is displayed when it is stopped. For CDs without CD text, nothing will be displayed.

Scroll through long names

Press scroll.

The name flows sideways in the display window (scroll).

Just a word

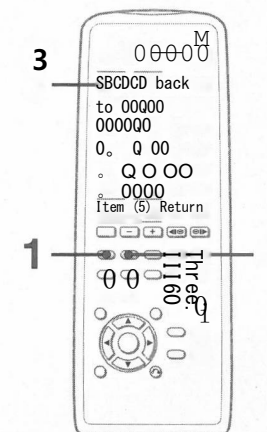
You can see the elapsed time of the entire disc on the menu screen of the TV. For more information, see page 93.

Please note

Depending on the DVD, the chapter number and time may not be displayed, or the display may not be changed.

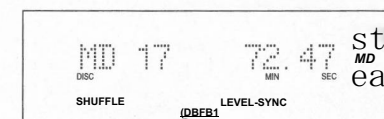
play out of order (シャッフル再生)

This unit automatically selects the order of songs and plays them all. The order of playback changes every time you shuffle playback.



1 Press function repeatedly to switch function to MD

2 Press playback mode/tuning mode repeatedly while stopped to display rSHUFFLEJ



3 Press MD A

Shuffle playback begins.

Continue to the next page

順不同に再生する (つづき)

return to normal playback

Press **•** on the MD to stop playback, then press playback mode/tuning mode repeatedly to turn off "SHUFFLE" and FPROGRAMJ.

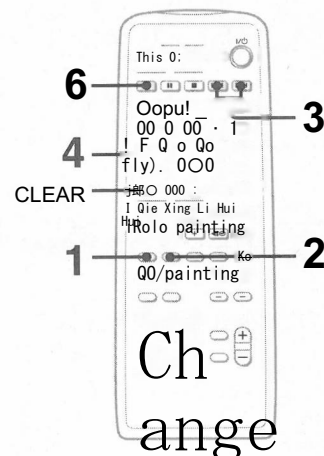
Just a word

When you skip a song you don't want to hear, press AX on MD.

Play in your favorite song order

る (プログラム再生)

You can choose and program up to 25 songs.



1 Press the function repeatedly

Switch the function to MD

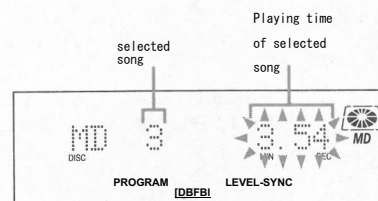
2 Press playback mode/tuning mode repeatedly while stopped to

Program-

Display "PROGRAM" 3

Repeat MD 's I ◀ <or R

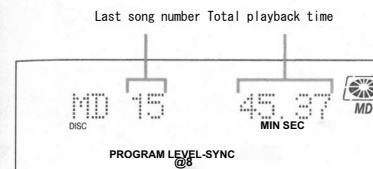
Press and select the song you want to program



4 ENTER/YES press

The selected song will be programmed. After the number of songs programmed (Step number) is displayed, the last programmed song number and the total playback time of the programmed song are displayed.

If you program by mistake, you can press CLEAR to erase the last song you programmed.



5 Repeat steps 3 and 4

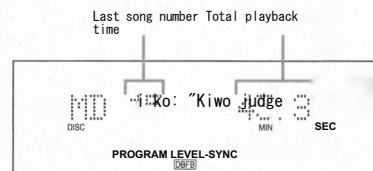
6 Press MD A

Playback will start in the programmed order. vinegar.

Check the total number of songs you have programmed

Press the time button during stop.

The total number of programmed songs (Step number) is displayed, followed by the last programmed song number and the total playback time of the programmed song.



Check the programmed song order Press A on the MD to start playback, and press * or AX on the MD during playback.

Other operations

Operation in this case

Press the MD button to return to normal playback, then Press playback mode/tuning mode repeatedly to select "PROGRAM" or Delete "SHUFFLE".

Proceed to add steps 3 and 4 at the end. (Only during stoppage)

Delete the program Press CLEAR while the program playback is stopped. Every time you press it, the last programmed song disappears.

use the number buttons to select the song number

Press the number button instead of steps 3 and 4. To select 10 or later, press > 10, then press the song number.

To select 0, press the 10/0 button.

Just a word

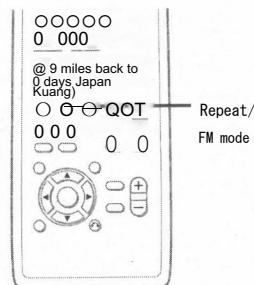
The program remains even after program playback is finished. If you press A on MD, you can hear the same program. However, if you take out the MD or press a group, the program disappears.

- When you try to program more than 26 songs (Step), rstep FullIJ will be displayed.
- When the total playback time of the MD exceeds 1000 minutes, "

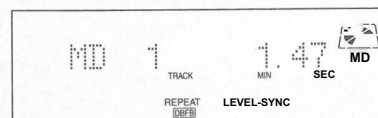
Play repeatedly Play songs in a group

(リピート再生)

Play the whole song or one song repeatedly.
You can also shuffle playback and repeat program playback.



Use repeat/ FM mode during playback to display "R year TT" or old year T11.



REPEAT *: Repeats all songs in the MD currently playing.
REPEAT1: Repeats only one song currently playing.

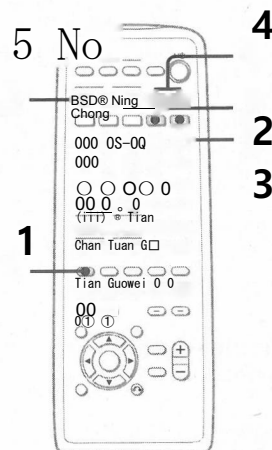
* Can only be replayed up to 5 times.,

Stop playing U-Pete

Press REPEAT/FM mode to turn off "REPEAT" or "REPEAT1J".

You can only listen to your favorite songs that you have registered in the group.

For more information about the group feature, see page 43.



1 Press function repeatedly to switch function to MD

2 Press the GROUP repeatedly while MD is stopped to display "GROUP"

3 Press Group Skip repeatedly to select the group with the song you want to listen to

4 If you want to listen to a song in the middle of the group, press I < or AA on the MD repeatedly to select a song. If you want to start playing from the first song in the group, proceed to step 5.

5 Press MD A

Playback begins.

When the last song in the group is finished playing, the MD stops automatically.

Just a word

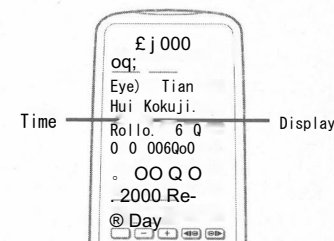
You can do the same for the operations on pages 37-40 only for the songs in the group.

Please note

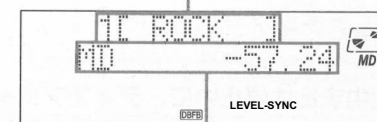
- If you select a group that does not have a song registered and press A on the MD, playback will start from the first song in the first group in the MD.
- If you press A on the MD without selecting a group in step 3, playback will start from the first song in the first group in the MD (this unit will automatically select the song in the first group during shuffle playback).

How to use the display window

You can look up the remaining time of the entire MD or one song, or look up the disc name or song name of the MD. Use the display button and the time button to switch the display.



Switch with display button



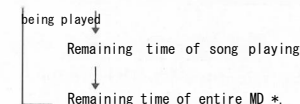
toggle with the time button

Check the remaining time

Press time during playback

Each time you press it, it changes like this

: L Playback elapsed time of the song



*: When the groove function is working, the groove The remaining time of all songs in the video will be displayed.

Continue to the next page

Check total playback time

Press time during stop

Each time you press it, it changes like this:

Total number of songs and total playback time * 2



Remaining MD time * 3 (MD for recording only)

* 2 When the group function is active, the total number of songs and total playback time is displayed. When the group function is not selected, the remaining time is displayed.

* 3 The remaining time displayed varies depending on the recording mode. It will be.

Look up song or disc names

While playing or stopping, press the display

Each time you press it, it changes like this:

▶ timepieces
↓
Preset Equalizer Name
↓
display Volume
↓
L-Song or disc name * 4

* 4 The song name is displayed during playback and the disc name is displayed during pause. If you have an unnamed MD, you won't see anything. When the group function is working, the group name will be displayed.

Scroll long names Press

Scroll to view.

The name flows sideways in the display window (scroll).

le).

Just a word

If you want to add a disc name or song name, please use "Add a disc name or song name" (page 59), and if you want to add a group name, please use "Add a group name"

(page 61).

Please take a look at 42.

MD-Recording

Please read before recording

MD (Mini Disc) records and plays back using a "digital method" with little sound quality degradation.

In addition, by assigning song numbers (track numbers) similar to those found on CDs, you can quickly find songs and edit recorded songs.

On this unit, depending on the sound source, the recording is performed as follows and the song number is assigned.

When recording from a CD inserted into this unit

- Make digital recordings *
- Track numbers are automatically assigned the same as on CDs. However, some songs may not stick (page 120).

When recording from a DVD or video CD inserted in this unit

- Make analog recording.
- The song number is only attached to the recording start point, but in level synchronization recording (page 53) "Mark LSync" will set the recording level. It will be detected and attached automatically.

デジタル イン オプカル
When recording from a separately sold DIGITAL device (CS/BS tuner, etc.) connected to the DIGITAL IN (OPTICAL) input terminal

- Make digital recordings * %
- How to assign song numbers varies depending on the sound source being recorded. It will be.

When recording from the radio of this unit or a device sold separately connected to the TAPE input terminal

- Make analog recording.
- The song number is only attached to the recording start point, but in level synchronization recording (page 53) If you set "T. Mark LSync", it will detect the recording level and attach it automatically.

About MD song number (TOC)

In MD, information such as song number (song order) and song start/end points is managed separately from music in an area called "TOC * 2." You can quickly edit the song by simply rewriting the "TOC" information.

H Digital recordings have constraints (120 pages).

* 2 Table of Contents

* 2 Table of Contents Abbreviation of (meaning of table of contents).

after recording

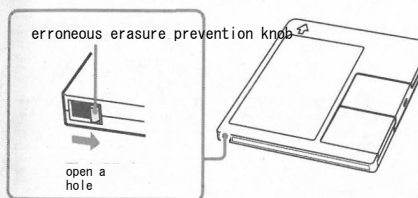
2 Press MD to eject MD, or press I/O (power) to turn off the power. FTOCJ starts to light up or flash, recording information is written to MD, and recording is completed.

before unplugging the power outlet

Recording to MD is completed by writing recording information to TOC. Writing to the TOC is done when the MD is ejected or turned off. Before or during TOC writing ("Do not unplug the plug. Recording information TOC" lights up or flashes), the power signal will not be recorded correctly.

When you don't want to delete MD recordings

- Move the false erasure prevention knob to open the hole. When recording again, return the knob to its original position.



- If the MD is in the false erase prevention state, "C11" and FProtectedJ will be displayed alternately and recording will not be possible. Return the anti-eraser knob to its original position to block the hole.

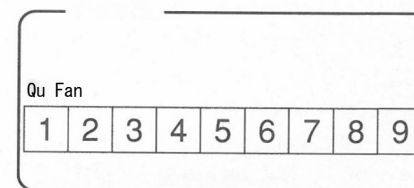
Record songs in groups (グループ機能)

What is a group function?

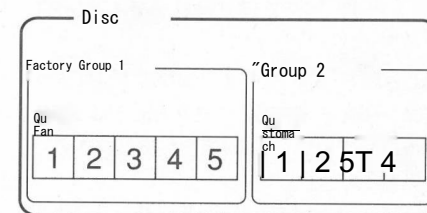
It is a function that allows you to divide songs in one MD into groups to play, record, and edit them. It is useful when recording several CD albums with MDLP and managing them with one MD.

Use the group button to toggle the group function On/Off.

Disk when group function is Off



When group function is On



Operation using group function

- Play songs in a group (40 pages)
- Name your group (61 pages)
- Put a recorded song in a new group (page 63)
- Unsubscribe from a group (page 64)

Please note

MD recorded using the group function of this unit can also be used on other devices that support the group function. However, the operation of the group function may be different from that of this unit depending on the device.

Record songs by dividing them into groups (continued)

How is group information recorded?

When recording using the group function, the group management information is automatically recorded in the MD as "Disk Name". Specifically, the following string is written to the record area of the disk name.

disk name recording area

0; Favorites //1 - 5; Rock // 6 - 9; Pops // ...
①

① Set the disk name to "Favorites".

② Put songs 1 to 5 in a group

called FRockJ.
③ When you press REC/REC IT in step 4 repeatedly for the 6th to 9th songs named rpopsj,

Put it in the loop.

Therefore, when an MD recorded using the group function is read on a device that does not support the group function or this unit when the group function is not activated, the above character string will be displayed as the "disk name".

If you accidentally rewrite this string using the NAME function, glue in that MD

The function may not be available *.

Please note.

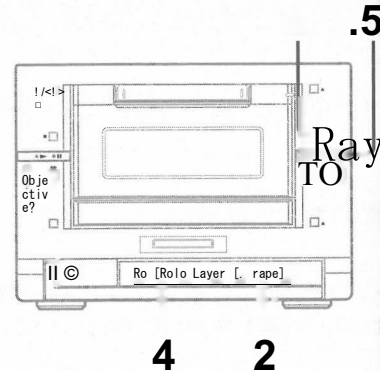
- * "GROUP" flashes. Use the group function again
To use it, "Cancel all songs at once" (page 64)
Please do so and unregister all groups.
Sai.

Please note

- Group function settings are remembered even when the MD is removed or the unit is turned off.
- When the group function is working, songs that are not registered in the group cannot be displayed or played.
- You cannot change the order of the groups.
- When you insert an MD whose GROUP management information is not written in the correct format, "GROUP" will flash. In this case, using the group function I can't.

Create and record a new group

You can create groups according to your preferences, such as by CD album or artist.



1 Insert MD for recording

Display the sound source you want to record, such as "DVD".

- DVD: Record sound from this unit's disc.
Ru
- FM or AM: The sound of this unit's radio
Record

To record from equipment sold separately, see Recording sound from connected equipment (pages 112 and 115).

Press to display "GR (SUP)" and do not

Ru and later

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
REC/REC IT I put it on the back
"New Group" will flash and the MD will pause recording.

5 Press MDAll and then start playing the sound source (CD, etc.) you want to record

When creating another new group and recording, switch the function to MD after recording, display the number of MDs, and press Repeat to select the disc name and total groups 2-5.

When recording from the disc of this unit, the song number is automatically attached. If you press REC/REC IT during recording, the track number will be attached to the place you pressed (track mark). If you want to automatically assign a song number while recording from the radio, please refer to "Assigning a song number" (page 53).

When rGroup FullU is displayed, the number of characters required for group management is insufficient, so recording cannot be performed.

You can record to a group by erasing unnecessary characters (disc name or song name) (page 61).

before unplugging the power outlet

Recording to 1 MD is completed by writing recording information to TOC. To write to TOC, remove MD.

During writing (this occurs when "Suka power is turned off. TOC" lights up or flashes), the power supply is turned off. Before writing TOC.

unplug the lug. Recording information

The report is not recorded correctly.

Just a word

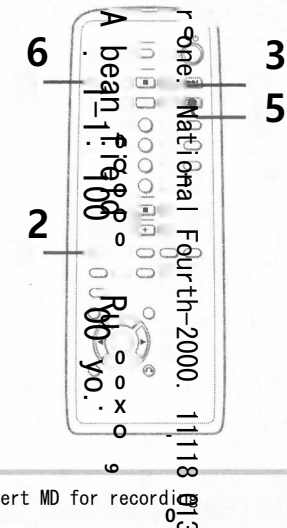
- You can adjust the volume of recorded sound to your liking (57 pages).
- Press the time button on the remote control while recording to view the MDG remaining time.

Please note

- If there is another group with a song already recorded, the new group will be added behind it.
- Up to 99 groups can be registered in one MD.
vinegar.
- When FGroup FullU is displayed during recording, There is no song number.

Record in an existing group

You can add songs to an existing group.



1 Insert MD for recording

2 Press the function repeatedly to display the sound source you want to record, such as "DVD".

- DVD: Record sound from this unit's disc.
Ru
- FM or AM: Record the sound of this unit's radio

When recording from equipment sold separately, use the Record the sound of equipment "(112, See page 115).

3 Press the group repeatedly,
グループ
Display FGROUPJ

Continue to the next page

Record songs by dividing them into groups (Tsuuzi gi)

4 Record Wreck It

4 Press REC/REC II on the main unit. New Group" flashes and MD records.

It will be a pause.

5 Press Group Skip repeatedly to display the group you want

to record the song from

6 Press A on the MD and then start playing the sound source (CD, etc.) you want to record.

When recording from the disc of this unit,

The song number will be added automatically. If you press REC/REC II during recording, the track number will be attached to the place you pressed (track mark).

If you want to automatically assign a song number while recording from the radio, please refer to "Assigning a song number" (page 53).

When FGroup FullU is displayed when you press REC/REC II in step 4

Recording is not possible because the number of characters required for group management is insufficient

You can record to a group by erasing unnecessary characters (disc name or song name) (page 61).

before unplugging the power outlet

Recording to MD is completed by writing recording information to TOC. Writing to the TOC is done when the MD is ejected or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

Just a word

· You can adjust the volume of recorded sound to your liking

(57 pages).

· Press the time button while recording to display the remaining time of the MD.
You can see it.

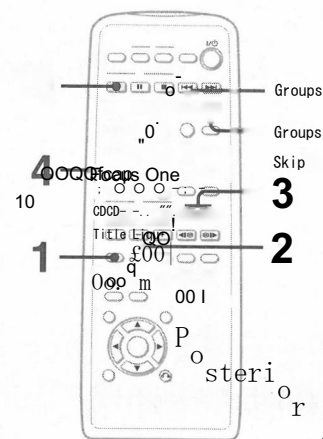
Please note

- The recorded song is added after the last song in the group.
- If you record an additional song in an existing group, the song number after the additional recorded song may change when the group function is deactivated.
- When "Group FullU" is displayed during recording, the song number is not included.

Record only your favorite tracks (CD-MD Synchronous Recording)

Select your favorite song with the program playback function, and then use the sync recording function to record the selected song to MD.

For a pre-recorded MD, it will be recorded after the pre-recorded song.



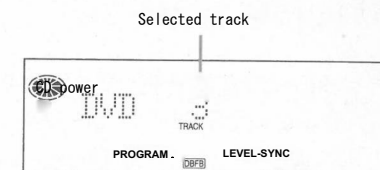
choose one's favorite song

1 Press the function repeatedly to switch the function to

DVD

2 Press playback mode/tuning mode repeatedly while stopped to display PROGRAMJ

3 Press I ◀ ◀ or AA repeatedly on the DVD to display the number of the track you want to record.

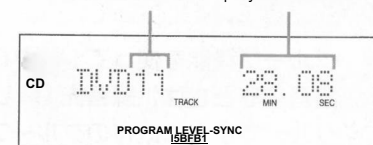


4 Enter Jesus Press ENTER/YES

The selected track will be programmed.

After the number of tracks programmed (number of steps) is displayed, the final -The track number and the total playback time of the program are displayed.

Last track number Total playback time



5 Repeat steps 3 and 4, then select a track

Once you have programmed your favorite track, go ahead and record it to MD.

Continue to the next page

Record only your favorite tracks
(cont'd)

Record to MD

6 Insert MD for recording

7 Synchronize using the group function

When recording, press the **グループ** **GROUP** repeatedly to display "GROUP".

To sync-record without using the group function, please proceed to step 8. Shi..

8 Press CD SYNC on the main unit

When using the Group function, "MD New Group" is displayed alternately, and "MD New TrackJ" is displayed when not using the Group function.

9 When recording synchronously using the group function, perform the following operations depending on the recording destination (new group or existing group).

Create a new group and record synchronously

To do

Proceed to Step 10.

Synchronize recording within an existing group

To

Press group skip repeatedly.

Display the group you want to record the song to

Ru 0

To sync-record without using the group function, proceed to step 10.

Press a of IOMD

Disc playback and MD recording will begin. Selected tracks. When all tracks are finished recording, disc playback and MD recording will stop automatically.

stop recording

Press MD.

before unplugging the power outlet

Recording to MD is completed by writing the recording information to TOC. Writing to the TOC is done when the MD is removed or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

Please note

• Playback mode is repeat or shuffle | Recording later. If switch to normal playback in step 8 | so, automatically

I will.

• If the MD is in the false erasure prevention state, "C11" and FProtectedJ will be displayed alternately, and recording will not be possible. Press the VMD to remove the MD, move the erroneous erasure prevention knob, and block the hole.

(p. 43).

- For video CDs, PBC playback is automatically canceled.
- The following functions do not work during CD-MD synchronous recording.
 - Auto-cut function
 - The setting value of the recording level set in "Setup ?" (the recording level is recorded at 0.0dB)

name a song while recording

When the FTEXTJ indicator is lit or flashing during recording, the CD text information can be recorded to the MD in the following ways.

- **Automatically record while recording**

When the "TEXT" indicator is lit, all song titles are automatically recorded.
- **Record while recording**

When the FTEXTJ indicator is flashing, press NAME EDIT/SELECT and then press ENTER/VYES to record the song title of the song being recorded.

Please note

CD text information may not be automatically recorded on some discs.

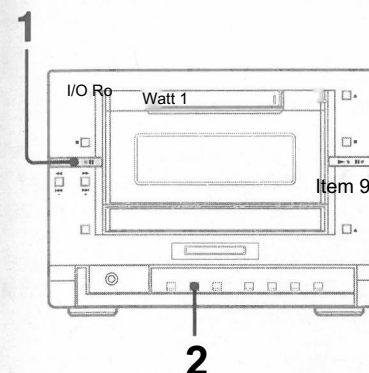
Record a playing track (レックイット)



You can record your favorite titles/chapters or tracks to MD on the fly while listening to DVDs or CDs.

For a recorded MD, the last track listening to DVDs or CDs. If so, automatically

Some DVDs may not be able to record.



1 DVD/ALL press

The disc will start playing.

2 The chapter or chapter you want to record

REG/REC while listening to track (レコーレックイット)
Press IT

For DVDs, it goes back to the currently playing chapter (title if there is no chapter), and for CDs, it goes back to the beginning of the currently playing track and starts recording.

MD stops automatically when the title for DVD or the track being recorded for CD finishes.

stop recording

Press the MD.

before unplugging the power outlet

Recording to MD is completed by writing recording information to TOC. Writing to the TOC is done when the MD is ejected or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

Please note

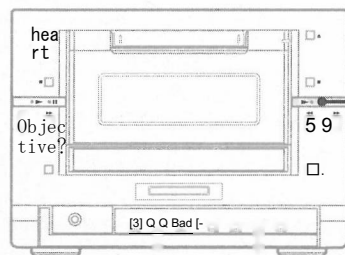
- Some DVDs may not return to the beginning of a chapter (or title). In that case, a warning display will appear. You may not be able to rec-it during PBC playback of a video CD.

When recording a DVD or video CD with no sound in the middle of a song, the recording may stop in the middle. • If the MD level synchronization recording function (page 53) is set to work.

- When you switch virtual surround (page 75) while recording a DVD, the sound is momentarily cut off. Sometimes the song number is attached there.
- The following functions will not work during Reckit. -Track mark function (CD only) -Auto-cut function (CD only)
- Recording level setting value set in FSetup MenuJ (recording level is recorded at 0.0 dB)

DVD CD VIDEO CD

If an MD is recorded halfway through, it will be recorded after the recorded song.



3 2

ファンクション

To record from equipment sold separately, see Recording sound from connected equipment (pages 112 and 115).

MD will pause recording.

Start playing the desired sound source (CD, etc.)

If you want to automatically assign a song number while recording from the radio, please refer to "Assigning a song number" (page 53).

Press the MD .

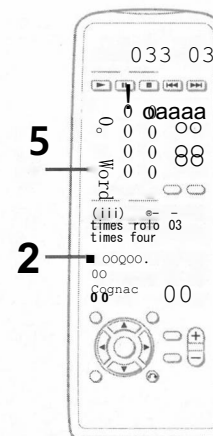
Recording to MD is completed by writing recording information to TOC. Writing to the TOC takes out the MD: This is done when you turn off the power. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

- You can adjust the volume of the recorded sound to your liking. Adjust after step 3 (page 57).
- Press the time button on the remote control while recording to view the MDO remaining time.

- If you pause during recording, the song number will be added there. Also, if you record the same title or track on the same disc or the same title number on different discs consecutively, you may only have one track number.
- When you switch virtual surround (page 75) while recording a DVD, the sound is momentarily cut off. Sometimes the song number is attached there.

to do (タイムマシン録音)

The diagram illustrates a recording timeline. A horizontal line represents the duration of the recording. At the left end, a vertical line marks the start, with the text 'Recording begins' above it and 'Handsmooth h 5)' below it. A bracket below the timeline indicates a duration of '6秒' (6 seconds). At the right end, a vertical line marks the end, with the text 'Recording stopped' above it. Below the timeline, there is a shaded rectangular area labeled 'S₀' on the left and '-Recorded-1' on the right. The label 'part' is positioned below the shaded area. On the far left, the text 'Recording begins here' is written. On the far right, there is a note 'The gas time'.



3 Press **REC/REC** IT on the main unit

4 Start playing the sound source you want to record

If an MD is recorded halfway through, it will be recorded after the recorded song.

• Press.

Recording to MD is completed by writing recording information to TOC. Writing to the TOC is done when the MD is ejected or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

This unit will start storing the input sound in the memory from the time when the recording is paused in step 3. If you do not start recording more than 6 seconds after the recording is paused, you will not be able to record from the previous 6 seconds.

record for a long time

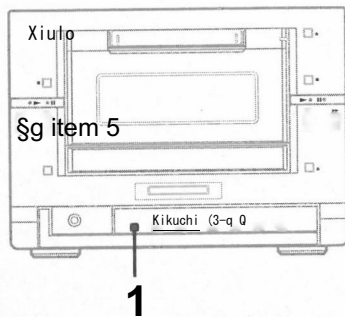
You can double or quadruple the recording time (120 or 240 minutes for 60 minutes MD) and record in stereo (MDLP recording). In mono recording, stereo signals are converted to mono and recorded. Recording time is about twice as long as regular stereo recording.

LP4 stereo mode (4 times longer recording mode) uses a special compression method to achieve long stereo recording. When sound quality is important, stereo recording or LP2 stereo recording

(twice as long recording) is recommended.

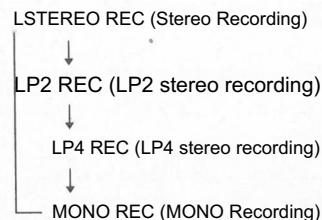
Please note

MDLP-recorded songs cannot be played back on MDLP-incompatible devices. Also, there are some MD editing features that are not available, such as S.F EDIT.



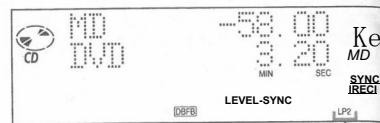
1 CD-MD synchronized recording, etc.

Before you start recording each,
レコーディング モード
Press REC MODE repeatedly
Select the recording mode
Each time you press it, it changes like this:



2 Start recording

It will be recorded in the selected recording mode.



Selected recording mode
(Stereo recording when not displayed)

Change recording mode

The selected recording mode will be retained even after recording ends.

It will be. Be sure to check the recording mode before recording. To change, press · on MD and then press REC MODE repeatedly to switch recording MODE.

before unplugging the power outlet

Recording to MD is completed by writing recording information to TOC. Writing to the TOC is done when the MD is ejected or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

Please note

- MDLP When playing MDLP recorded MDLP, use MDLP-compatible equipment. It cannot be played back on devices that do not support MDLP.
- You cannot change the recording mode while recording or pausing recording.
- Even if the recording mode is set to "MONO", sound will be heard from the speakers as the sound source (when recording stereo signals). Stereo audio can be heard.

At the beginning of the song title when recording MDLP

"LP: J attach

It is displayed when you try to play on a device that does not support MDLP. It is convenient because you can tell at a glance that the song was recorded on MDLP. It is factory set to On.

- 1 Press the function on the remote control repeatedly to switch the function to MD.
- 2 Press MENU/N O on the remote control.
- 3 Press MENU + or 1 repeatedly on the remote control to display "Setup?" and press ENTER/YES on the remote control.
- 4 Press MENU + or 1 repeatedly on the remote control to display "LP Stamp Off" (or "LP Stamp OnJ), and then press ENTER/YES Press.
- 5 Press MENU + or 1 repeatedly on the remote control to display "LP Stamp OnJ" and press ENTER/YES.

6 MENU/NO Press.

Stop adding "LP:" In step 5, display "LP Stamp OffJ" and press ENTER/YES.

Please note

- The recorded "LP:" is a confirmation stamp that indicates that playback cannot be performed when attempting to play back on an MDLP-unsupported device. It is not displayed on MDLP compatible devices.
- If set to On, it will be recorded as a song name, so one song will be recorded. The number of characters you can enter in the MD of. Split songs using the DIVIDE function (page 69) The latter song will also have "LP:" attached.

assign a song number

The song number can be assigned in the following way.

• Automatically turn on during recording

When recording from a disc or a device connected to the DIGITAL IN (OPTICAL) input terminal of this unit, it will automatically be attached according to the sound source. However, some songs may not stick (page 120).

When recording sound sources from devices connected to the radio and TAPE input terminals of this unit, you can use level synchronization recording to automatically turn them on. However, if there is a lot of noise from a sound source such as a tape or radio, it may not be automatically attached

• Attach it wherever you like while recording

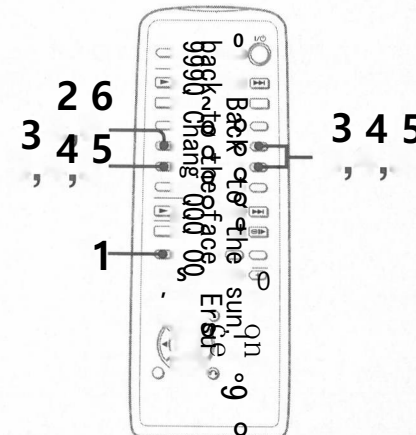
You can attach it from any sound source during manual recording.

• Attach after recording

Use the DIVIDE function of MD editing (page 69).

Set it to be turned on automatically during recording (level synchronization recording)

At the factory, the level sync-recording function is set to work, so the song number is automatically attached. If FLEVEL-SYNCRJ is not displayed in the display window during recording, please follow the steps below to set the level sync-recording function to work. The song number is attached when the input signal from the sound source falls below a certain level for about 2 seconds or more in a row, and then exceeds that level again.



Add a song number (continued)

1 Press function repeatedly to
switch function to MD

2 MENU/NO press

3 Press ^{x-y}MENU + or 1 repeatedly

Setup... _ _ _ _
Do rSetup? Display J,
Enter Jesus.
Press ENTERYES

4 Press ^{メニュー}MCNU + or 1 repeatedly
to "T.Mark ^{トラックマーキングオフ}Off" (or

トラックマーキング レベルシンクロ
"T.Mark LSyncJ) express
Press ENTWEYES

5 Press nu + or 1 repeatedly to
display [T.Mark LSyncJ]

Press ^{Enter Jesus} ENTER/ YES.

"LEVEL- SYNC" lights up.

6 hernia sega! Press Pa 6

When you continue to record, follow the instructions on the page for each recording.

Stop automatically assigning song numbers In step 5, display "Mark OffJ" and press ENTER/YES. "LEVEL-SYNC" disappears. "When LEVEL-SYNCJ is off, the track number is only attached to the recording start point.

Change the detection level of the input signal

If you set the level synchronization recording function to work, after receiving signals below the level set here for about 2 seconds or more, the set level will be reset.

When more than one signal is input, a new song number will be added. It is set to -50dB at the time of shipment.

Masu

If there is a lot of noise, such as tape or radio, and it is difficult to assign song numbers, increase the setting level (press **MENU** +) to assign song numbers easily.

1 Press MENLVNO during recording pause
rSetup? Display J and press ENTEFVYES

2 Press MENU + or-repeatedly to display "LS (T)" and press ENTER/YES

3 Press MENU + or 1 repeatedly to select the input signal level from -72dB to 0dB (in 2dB units), and press ENTER-ES.

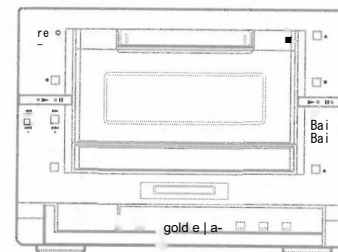
4 harvest0 Press.

Please note

The level synchronization recording function does not work when recording software such as DVD movies or live shows.

Put it wherever you like
during recording (track mark)

During manual recording, you can assign song numbers wherever you like, regardless of sound source or connection method.

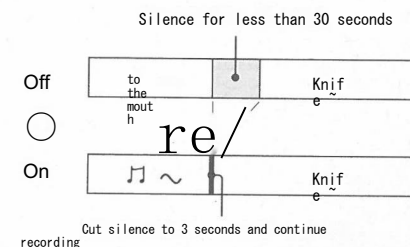


REC/REC IT

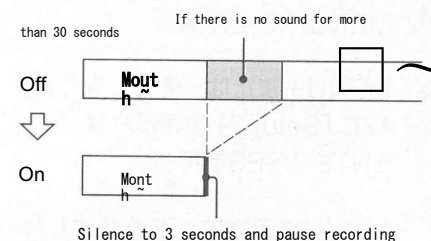
I want to assign a song number during manual recording.
 record jickit
 By the way, when you press REC/REC
 IT. the song number will be attached.

align between songs
(スマートスペース)

When recording a CD digitally, the intervals between songs are automatically aligned. If you are recording anything else, set Smart Space to On to record silence for about 3 seconds or more (less than 30 seconds) while recording. When this continues, reduce the silent part to about 3 seconds.

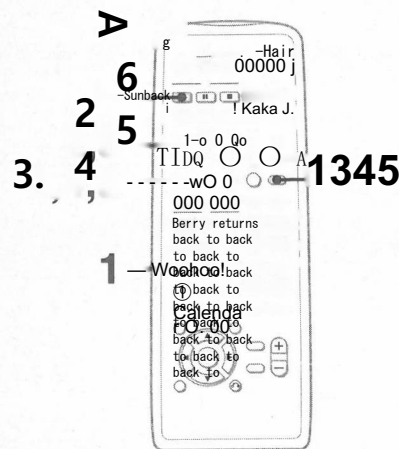


Auto Cut: If Smart Space is set to On, when silence lasts for about 30 seconds or more, the silent part will be shortened to about 3 seconds and recording will be paused.



Continue to the next page

Set Smart Space to On



- 1 Press the function repeatedly
Switch the function to MD

Press 2 Mm before j/Kd

- 3 Press **MENU** + or 1 repeatedly

Setup
Enter Jesus,
Press ENTER ^ ES

- 4 Press **MENU** + or 1 repeatedly

Smart SpaceOn
FS. Display Space OnJ)
and press ENTER/YES

- 5 Press **MENU** + or one repeatedly

to display "S.Space Onj" —
Press ENTER/YES.

6 MENU/NO press

To continue recording, follow the instructions on each recording page.

During recording, if there is silence for less than 30 seconds, "Smart Space" will be displayed, the silent part will be shortened to about 3 seconds, and the recording will continue as it is.

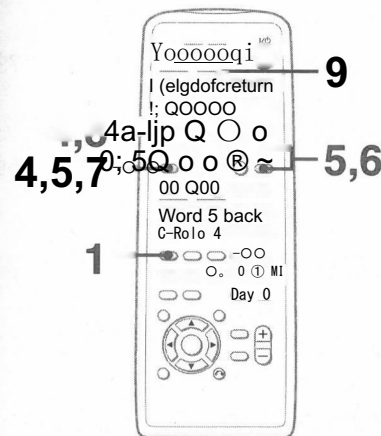
During recording, if there is silence for about 30 seconds or more, "Auto Cut" will be displayed, and after the silent part is shortened to about 3 seconds, the recording will be paused. When you want to continue recording, press A on MD.

Stop automatically aligning songs In step 5, display "S. Space OffJ" and press ENTER/YES.

Just a word
Factory set smart spaces. It remembers the last state you set (S.Space On or Off) when you turn it Off or unplug it.

adjust the recording level

When recording to MD, you can adjust the volume of sound recorded according to your preference. It can be adjusted not only for analog recordings but also for digital recordings such as CDs.



- 1 Press the function repeatedly
to display the sound source
you want to record.

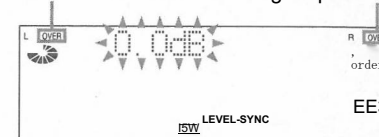
- 2 Press **REC/REC n** on the main
unit to pause recording.

- 3 Start playing the sound source you want
to record 4 Press **MENU/NO** to "Setup?"

Display and press ENTER ^ ES

- 5 Press **MENU** + or one repeatedly
to rLevelAdjust? Display J
and press ENTER/YES

- 6 Press **MENU** + or 1 to adjust the volume of
the recorded sound When the loudest
sound is displayed on the display window.
Prevent "OVER" from lighting up. Adjust
FOVERJ so that it does not light up



- 7 **ENTER/YES** press

- 8 **MENU/M6** press

- 9 Press the MD to stop the MD
let

- 10 When playing a CD or
the like, stop playback
When you continue to record, follow
the instructions on the page for each
recording.

Just a word
• You can adjust the recording level even while recording.
• The adjusted recording level is retained
until the next adjustment is made.
• This function does not work during CD-
MD sync recording or wrecking.

Please read before editing

You can perform editing tasks such as moving or deleting songs on a recorded MD. By editing, you can enjoy creating an original MD album without having to dub between MDs.

vinegar.

Editing function

- ◆ **Name-Give a Name** (pp. 59, 61)
You can record disc name, song name, and group name Masu.
Characters that can be entered include katakana, alphabet (uppercase and lowercase), numbers, and some symbols is.
- ◆ **Create-Create a group** (63 pages)
You can create a new group and register recorded songs.
You can also create just a group without registering songs.
- ◆ **Release-Unsubscribe from a group** (64 pages)
You can easily unsubscribe from the group.
You can also unsubscribe all songs at once.

- ◆ **Self-reading-Delete songs** (65 pages)

You can delete unwanted songs.

- ◆ **Change the order of 6 songs** (page 68)

You can change the order freely.

- ◆ **Siv e-Assign a song number** (page 69)
Divide a song into two and assign a song number to the place where it is divided.
Using this function, you can also start your favorite phrase by adding a song number to the beginning of your favorite phrase.

- ◆ **Combine-Connect songs** (70 pages)

Using this feature, two songs can be combined into one song.

I will.

You can connect with songs that are far apart, such as the first and fourth songs.

- ◆ **Cancel the collection of canned goods** (72 pages)

If you accidentally delete a different song or replace it in the wrong order, you can undo the operation to restore the deleted song or the song order.

- ◆ **Change the recording level on the culm** (73 Page)

Changed the recording level of an entire song after recording

songs that fade in and fade out

You can make.

Before you start editing

To edit MD.

- MD is writable.
- MD playback mode becomes normal playback
There is

This is necessary. Before you start editing, be sure to Please perform the following confirmation operation.

1 Check whether the MD is in an erroneous erasure prevention state

When the erroneous erasure prevention state is in,

Move the knob to close the hole.

When the MD is in the false erase prevention state, editing work cannot be performed.

- #### 2 Press the playback mode/tuning mode on the remote control repeatedly, turn off SHUFFLEJ or fPROGRAMJ, and turn off the

regenerate sea urchin

Editing can only be done during normal playback. You cannot edit during shuffle or program playback.

The editor is

2 Press MD to eject MD, or press I/O (Power) to turn off the power CTOCJ starts to light up or blink. The editing information is written to the MD and the editing is completed.

vinegar.

before unplugging the power outlet

Editing the MD is completed by writing the editing information to the TOC. Writing to the TOC is done when the MD is ejected or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Editing information is not recorded correctly.

NAME a disc or song (NAME)

Disc names and song titles should be given in the following ways:

You can do it.

Attach while recording: When the "TEXT" indicator is flashing while recording a CD, you can record the song title (page 48).

Attach after recording: Use the NAME function of MD editing (this page).

On one MD, you can enter a total of about 1700 characters of disc name, song name, and group name, and up to about 800 characters in kana characters alone.

Below are the steps when the group function is not working. When you want to name a group,

See "Name a group" (page 61)

Come on.

However, MD recorded using the group function

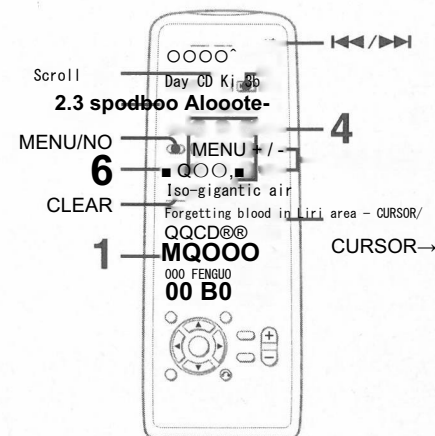
When naming a disk, use group management so as not to accidentally rewrite the information,

Set the disk name with the group function activated

Please put it on.

For more information on group

management information, see page 43.



Continue to the next page

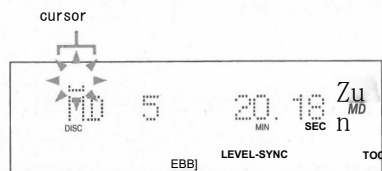
1 Press function repeatedly to switch function to MD

When naming a song, press MD * or N repeatedly to display the song number you want to name.

When naming a disc, display the total number of songs (when the group function is working, the total number of groups).

2 N-end E Press Df/SELECT

The character input screen will appear, and the cursor will blink.



3 Press NAME EDIT/SELECT to SELECT the type of character

Each time you press it, it changes like this: "Selected AB * J (alphabet large character) -"Selected ab *" (lowercase alphabet) -FSelected A * * "(katakana) ->" Selected12J (number) -> "Selected AB" (uppercase alphabet) - ...

* Press 1 of the number button repeatedly to display the following symbols.

' - / , . 0 : ! ?

You can also display the following symbols by repeatedly pressing MENU + or 1 when the symbol is displayed.

& + v > _ = " ; # \$ % @ *

** In addition to the normal Gosan tone, lowercase Aiweo Yayuyotsu can be displayed. Also, if you press the > 10 button repeatedly, you can display C o-..) such as muddy point or semi-muddy point. However, the voidance point (..) can only be entered after the character " U". "ka/sa/ta/ha line", and the semi-voidance point (") can only be entered after the character "note line".

4 Press the alphabet/numeric/katakana input button corresponding to the character you want to input

When choosing alphabet/katakana

1 Repeatedly press the button with the character you want to input (ABC, DEF or A (line), FORCE (line), etc.) to display the desired character.

You can switch characters by pressing MENU + or 1 repeatedly.

2 cursors -> Press.

The characters you entered are displayed, and the cursor blinks at the following position.

When you pick a number

The number of the button you pressed is displayed, and the cursor flashes at the next position.

To enter a space

1 Press NAMEEDIT/SELECT repeatedly to SELECT " Selected ABJ or" Selected abj. Press 210/0.

A space (empty) is entered and the cursor blinks at the following position.

5 Repeat steps 3 and 4 to

name

To change characters

-Press CURSOR or CURSOR-* repeatedly to flash the character you want to change, use CLEAR to erase the character, and then repeat steps 3 and 4.

6 ENTUR/YES press

The disc name or song name will be displayed in order. After a while, you will return to the display of step 1.

Stop halfway
Press MENU/NO.

Just a word

You can also name them using the keyboard sold separately (page 116).

confirm the name given

The name of the disc is stopped and the name of the song is played. When you press scroll, the name will flow sideways in the display window (scroll). If you press scroll while scrolling, the names that are flowing will stop. Press it again and it scrolls again.

erase a given name

1 Press MENU/N O while stopped.

2 Press MENU + or 1 repeatedly to display "Nm Erase?" and

press ENTER/YES.

3 Repeatedly press I < or AA on MD

Display the disc name or song number of the song you want to delete, and press ENTER/YES.

The name you gave will disappear and " Complete!" will be displayed.

stop erasing names

Press MENU/N O.

Revert to state before naming/deleting

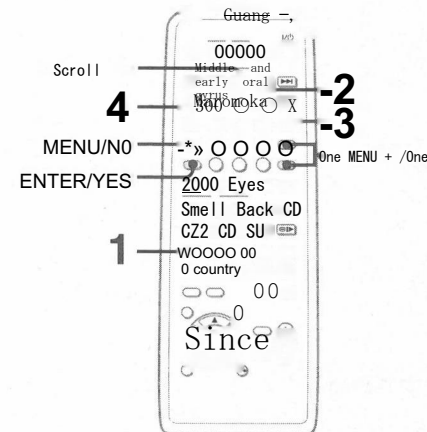
Immediately after naming or erasing it, you can restore it to its original state (page 72).

Please note

- The song title can be added even during playback. Playback will repeat until you finish naming.
- When the MD is in an erroneous erasure prevention state, the disc name or song name cannot be added. Press the WMD to remove the MD and move the anti-erase knob to block the hole (page 43).
- Please note that if you put "" between characters in the disk name, as in Fabc/ZdefJ, the group function may not be available.

NAME a group

You can enter a disc name, song name, and group name in a total of about 1,700 characters, and up to about 800 characters in kana characters alone.



1 Press the function repeatedly
Switch the function to MD

2 Press the group repeatedly
to display FGROUJPJ

3 Press Skip Group repeatedly to
display the group you want
to name

Continue to the next page

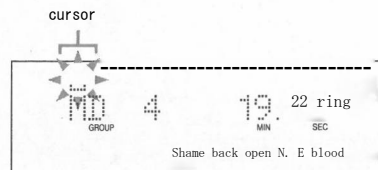
Name a group (continued)

- 4 When the total number of songs of the group you want to name is displayed,

Kyoichi Edit Select
NAME EDIT/SELECT I put it on the back

The character input screen appears and the cursor flashes.

I will.



5 Perform steps 3 to 6 (page 60) of "Adding a disc name or song name"

stop halfway

Press MENU/NO.

Just a word

You can also name them using the keyboard sold separately (page 116).

confirm the name given

While stopped, press the group repeatedly to display FGROUPJ, and then press scroll, and the name will flow sideways in the display window (scroll).

-I). If you press scroll while scrolling, the names that are flowing will stop. Press it again and it scrolls again.

erase a given name

- 1 Press the GROUP repeatedly while stopped to display "GROUP".

2 MENU/NO Press.

- 3 Press MENU + or 1 repeatedly to display "

Nm Erase 2J" and press ENTEFVYES.

vinegar.

- 4 Press Skip Group repeatedly to display the name of the group you want to delete, and press ENTER/YES.

The name you gave disappears and "Complete!" is displayed

will be.

stop erasing names

Press MENU/NO.

Rename/Delete Restore to the state before renaming or deleting an item, you can restore it to its original state (page 72).

Please note

- The song title can be added even during playback.
- Playback will repeat until you finish naming.
- When the MD is in an erroneous erasure prevention state, DI

I cannot add a song name, song name, or group name. Press the eMD to remove the MD and move the anti-false erasure knob to block the hole (page 43)

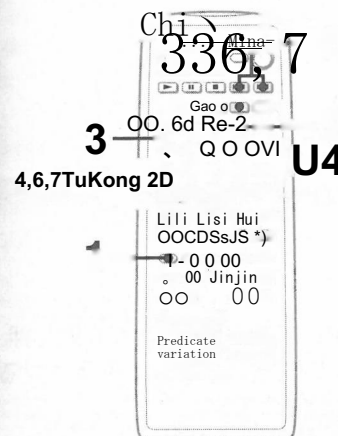
- the disk name, write "/" like Fabc/ /defJ

Please note that if you enter it in between , the group function may not be available.

- You cannot delete the name of a group for which the song is not registered.

Put a recorded song in a new group (CREATE)

You can create a new group and register recorded songs. You can only register with consecutive songs without group registration.



- 1 Press the function repeatedly to turn the function to MD. change

- 2 Press the group repeatedly to display FGROUPJ

3 Press MENU/K6 to display Edit MenuJ.

- 4 hernia days ago Press J + or one repeatedly to Create EGp? Display J and press ENTEFVYES

5 Perform steps 3 to 6 (page 60) of "Adding a disc name or song name"

6 Repeat MD * or

Press to select the first song number you want to register and press ENTER/YES.

7 Repeat MD * or

Press the last song number you want to register.

Select and press ENTER/YES (when registering only one song, Press ENTEFVYES again vinegar)

"Complete!" will appear for a few seconds, and the song will be registered in the new group.

Create only a group without registering a song Press I < < or AH repeatedly in step 6 to display FNoneJ and press ENTEFVYES. rCompleteJ is displayed for a few seconds and glue

P will be made.

Just a word

Even if a song was recorded on a device without a group function, the group You can register.

Please note

- You cannot register a song in more than one group.
- When all songs are registered as a group, "Assign NoneJ" is displayed after step 5, and registration cannot be performed.
- When creating a group without registering a song, you must have a group name.
- If you do not enter the Group name in step 5, the Group name will be recorded as "Group * * (Group number)".

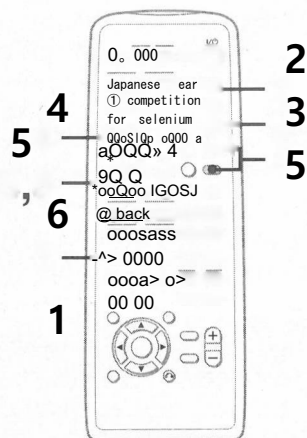
vinegar.

RELEASE group registration (RELEASE)

You can easily unsubscribe from a group by simply specifying the group you want to unsubscribe from. You can also unsubscribe all songs at once.

Undo one group at a time

You can unregister all songs in the specified group and delete the group (the songs themselves cannot be deleted).



1 Press function repeatedly to switch function to MD

2 Press the eyes repeatedly to display fGROUPJ.

3 Press Group Skip repeatedly to display the group you want to unregister.

4 Press MENU/NO to "Edit" Expressing MenuJ

5 Press MENU + or 1 repeatedly to [Gp Release?] and press ENTER/YES.
"REL Gp ** (group number)?" is displayed.

6 Press ENTER/YES FCompleteJ appears for a few seconds to ungroup.

Cancel all songs at once

You can unsubscribe all songs in MD at once.

1 Press the group repeatedly while stopping and display fGROUPJ

2 Press MENU/" to display "Edit MenuJ

3 Press MENU + or 1 repeatedly Do it fGp All REL? Display J and press ENTER/YES
"All REL?? J is displayed.

4 Press ENTER/YES fCompleteJ is displayed for a few seconds to unregister all songs in the MD.

ERASE songs (ERASE)

[Erase] は「消す」 That's what I mean.

Just select the song number you want to delete, and you can easily delete the recorded song. Immediately after deleting it, you can use the UNDO function to restore it, but you cannot restore it after performing other editing tasks, so please check carefully before deleting it.

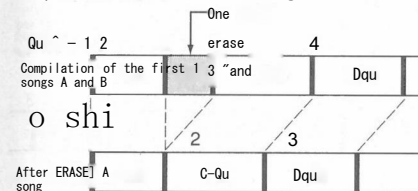
There are three ways to erase it.

- Erase a song (Track Erase)
- All Erase
- Erase a part of a song (A-B Erase)

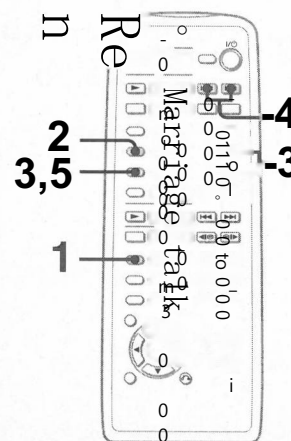
Erase a song (Track Erase)

When you delete a song, the song numbers go up in order. For example, if you delete song number 2, the original song number 3 will be raised to 2.

Example) Delete the second song



In this way, the song numbers will increase, so when deleting more than two songs, we recommend deleting them from the next song so that the song numbers in the middle do not change.

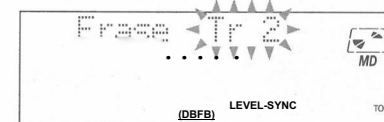


1 Press I function repeatedly to switch function to MD

2 Press MENU/K6 to display Kefuku and MenuJ

3 Press MENU + or 1 repeatedly press FTr Erase? Display J, Press ENTER/YES
The displayed song will start playing.

4 Press I < or R repeatedly on MD to display the song number of the song you want to delete.



5 Press ENTER/YES
When "Complete!" is displayed for a few seconds and then disappears, the song that was displayed disappears. The next song you deleted will start playing (when you delete the last song, the song before you deleted will start playing).

stop halfway
Press MENU/NO.

restore a song to its previous state
Immediately after you delete a song, you can restore it to its original state (page 72).

Continue to the next page

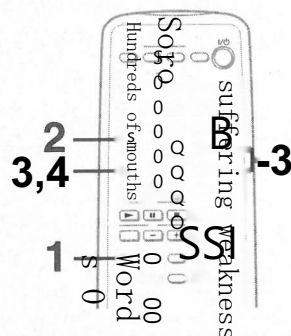
Delete a song (Tsunami)

Please note

- When rir ProtectJ is displayed, it means that the song has been recorded or edited on an MD deck other than this unit and is in an erroneous erasure prevention state. Songs with FTr ProtectJ displayed cannot be erased with this unit.
- If you delete all songs in a group, the group will disappear at the same time as all songs in the group.

All Erase

You can erase all songs in the MD and all song names, disc names, and group names (everything recorded in the MD) at once.



1 Press function repeatedly to switch function to MD

2 Press the button 6 to display the Edit MenuJ.

Press 3 MENU + or 1 repeatedly to display "All Erase? J" is reduced and ENTER/ES is pressed. FAIL Erase?? J is displayed.

4 Press ENTUR/ES again. "Complete!" is displayed for a few seconds.

All songs in the MD and all song names, disc names, and group names will disappear.

stop halfway

Press MENU/N O.

restore a song to its previous state

Immediately after you delete a song, you can restore it to its original state (page 72).

Please note

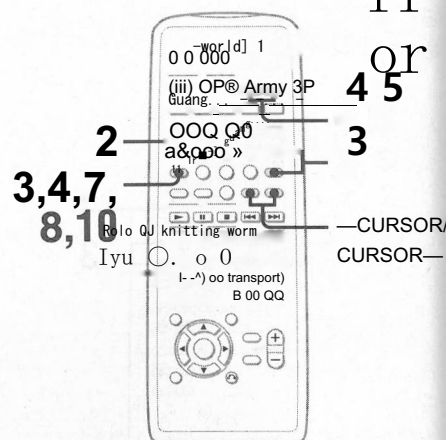
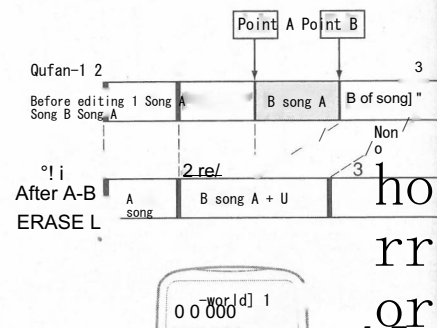
Do the above operations when the group feature is working, and note that all songs in the MD as well as the songs in the group will disappear.

Erase part of a song (A-B Erase)

You can specify the range you want to erase in a song and easily erase that part. You can shift the erase position in frames *, seconds, and minutes. It is useful for erasing unwanted parts of MD recorded such as satellite or FM broadcasts.

* 1 Frame is 1/86 second.

Example) Delete part of song B



1 Press the function repeatedly to switch the function to MD

2 Delete) MENU NO Press MENU/NO to "Edit"

Display MenuJ

3 Press MENU + or 1 repeatedly to display "A-B Erase? J"—

Press ENTER/YES.

4 Press * or AN repeatedly on the MD to select the song you want to delete a part of, and press ENTER/YES to "Rehearsal" and [Point A ok? "

are displayed alternately and play repeatedly for several seconds until point A.

5 Listen to the sound that is played repeatedly and return it to the state before deleting the song.

Then, repeatedly press I ◀ <or AA on MD to select the starting point of the part you want to erase (standard A).

1/86 th of a second Shift the position of the city by

4. If you want to shift in seconds or minutes,

-Press CURSOR or CURSOR- * to flash "seconds" or "minutes", then press I ◀ <or AA on MD.
* Songs recorded in mono or LP2 stereo will be offset by 2f, and songs recorded in LP4 stereo will be offset by 4f.

6 If point A is not playing correctly, repeat step 5.

7 When point A is being played back correctly

Press ENTER ^ ES. "Point B setj is displayed and Point B is set.

The playback will begin.

8 Continue playback, proceed to the entry end point (point B) of the part you want to delete, and press ENTER/YES.

FA-B ErsJ と FPoint B ok? J is displayed alternately, and the part of the joint between A and B is played repeatedly (for a few seconds to point A and for a few seconds from point B).

9 Repeat step 5 until point B is reproduced correctly

10 ENT giant press R/YES

When "Complete!" appears for a few seconds and disappears, the A-B parts disappear.

Stop halfway

Press MENU/NO.

Immediately after you delete a song, you can restore it to its original state (page 72).

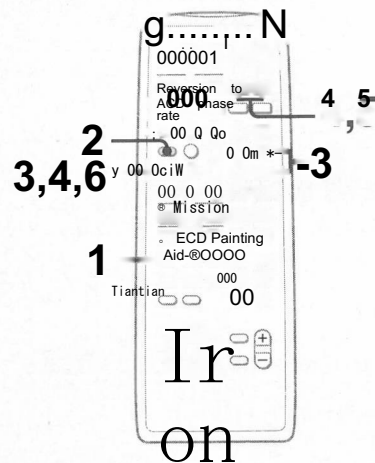
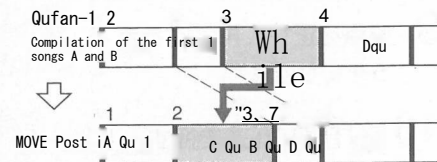
Please note

If you repeat edits over and over again, you may see "Impossible" and you may not be able to erase part of the song. This is a system constraint on the minidisk, so it is not a failure.

Change song order (MOVE)

MOVED means "to move". You can move the songs to any position you like and change the order of the songs. If you change the song order, the song numbers will also be re-assigned from the beginning.

Example) Move the 3rd song to the 2nd song



1 Press the function repeatedly

Cut the function to MD.
change

c menu no edit

N Press MENU/NO to display
Edit MenuJ.

3 Press MENU + or 1 repeatedly to divide one song into two (DIVIDE)

and display "Move?",
Press ENTER sign YES

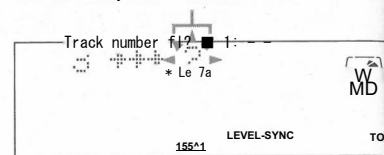
4 Repeat MD * or

Press to display the song number you want to move.

Press ENTERFVYES.

5 Press on repeatedly on the MD to display the song number of the destination.

Track number you want to move



U Enter Jesus
O ENTER Ha <ES "Complete!" is displayed
for a few seconds, and the song
Move.

stop halfway

Press MENU/NO.

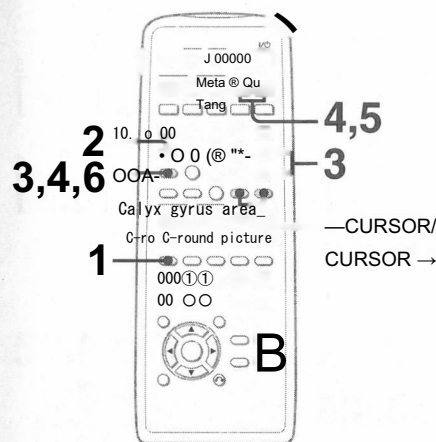
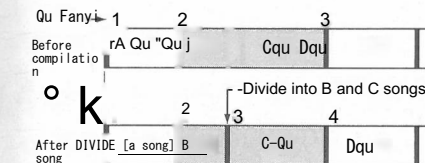
return to the state before changing the song order

Immediately after changing the song order, you
can return to the original state (page 72).

Please note

If the destination song number belongs to a group, it will be re-registered in the destination group. Also, if the song number to which the song registered as a group is moved is not registered as a group, the group registration of the moved song will be canceled. However, when the group function is active, you can only move songs within the group.

"Divide" means "to Divide". It is used when assigning song numbers after recording. The song numbers after the separated songs will be re-assigned in order from the beginning.
Example) Divide the second song into two



1 Press the function repeatedly

Cut the function to MD.
change

N Press MENU/NO to display
Edit MenuJ.

3 Press MENU + or 1 repeatedly to display "Divide?", Press ENTER sign YES

4 Repeatedly press the MD * or N to display the song number you want to divide.

and press ENTER/YES

"One Rehearsal-" is displayed and divided
The part will be played over and over again.

5 Press * or AA on the MD while listening to the sound played repeatedly.

and adjust the position of
separating the songs.

Shift the position by 1/86 second washing.

If you want to shift in seconds or minutes,

Press-CURSOR or CURSOR-to flash
"seconds" or "minutes", then press I

* < or AA on MD.
* Songs recorded in mono or LP2 stereo will be offset by 2f, and songs recorded in LP4 stereo will be offset by 4f.

6 Play the parts correctly

If so, press ENTERFVYES

rComplete! J is displayed for a few seconds and the
song
Divided, regeneration begins from a place of separation
Marimasu.

stop halfway

Press MENU/NO.

Continue to the next
page

Restoring Split Split Split Split Split Split
Split Split Split Split Split Split Split Split
Split Split Split Split Split Split Split Split
Split Split Split Split Split Split You can also use the
COMBINE function to undo it (this page).

If you use the DIVIDE function to DIVIDE a song into two songs, only the previous song will be named.

1 2 3 4

Andante Adagio I Allegro

1 2 3 4 5

Andante Adagio Allegro Allegro

I can't catch up

- Songs cannot be separated at the beginning or end of a song.
- Sen.**
- When the beginning or end of the song is specified in the position that separates the songs, it will be displayed as impossible. Press I + <or AA on the MD to change the position.

"Combine" means "to connect". Join 2 songs to make one song. The song numbers are re-assigned in the order of head or I. You can also use the COMBINE function when deleting unnecessary song numbers.

Before compilation

Qu Fanyi 1 2 3 4 B 曲 C 曲 D 曲

After COMBINE] a song C song "B Qu D Qu

Before compilation

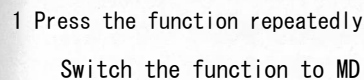
1 2 2 ? ?

"A song, B song/C song, D song"

After COMBINE

1 2 3 4

B song Cqu Dqu A song

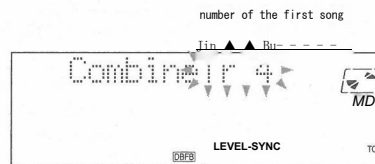


3 Hernia Repeatedly press **ENU** + **or** 1 **Caution**

コンバイン
How to rCombine? Display J
エンター イエス
and press **ENTER** ha fES.

Press ENTER at the beginning of the song you want to connect to Display the song number and press ENTER/YES.

Masu.



display

The diagram shows a sequence of signals over time. At the top, 'song number' and 'song' are indicated. Below, a series of pulses represent 'LEVEL-SYNC'. The signal transitions between states labeled 'e', 'gg', 'D', 'J', and 'MD'. A 'TC' (Time Counter) signal is also shown at the bottom right.

6 Press ENTER ^ FCompleteJ is displayed for a few seconds to connect the songs and start playing the connected songs.

Returning two songs to their original state
Immediately after connecting songs, you can return
them to their original state (page 72). You can also
use the DIVIDE function to undo it. (69 pages

- When you connect two songs registered in separate groups, the following song will be re-registered in the group to which the previous song belongs. Also, if you connect a song that has been registered in the group and a song that is not registered in the group, the attributes of the song that follows will be the same as those of the previous song. However, when the group feature is active, you can only connect songs within a group.
- Recording modes (stereo, LP2 stereo, LP4 stereo, mono) can only connect to the same song.
- When both connected songs have song titles, the song title behind them will disappear.
- When "Impossible" is displayed, the two songs are one
It does not connect to. If you repeat the edit over and over again
You may be able to sing a song that you don't like.
This is an MD system constraint, not a failure.

UNDO previous operation (UNDO)

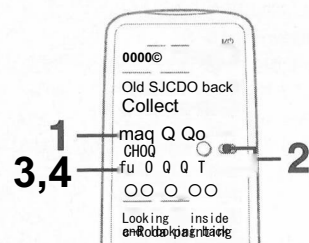
Undo the last edit operation and revert to the contents of the previous MD.

However, after editing, do one of the following operations

It cannot be undone.

- Perform other editing tasks.
- Start recording.
- Turn off the power or remove the MD to record your edits.
- Unplug the power plug from the outlet.

Also, editing using the SF EDIT function cannot be restored to its original state even using the UNDO function.



1 During stop, press **MENU/NO**,
エディットメニュー
Display FEdit MenuJ

2 Press **MENU +** or 1 repeatedly to display "Undo?" When there is no Undo editing operation, "Undo?" does not appear.

3 ENTER Ha fES

Depending on the last edit operation you made, you will see the following message.

Compilation operations	Message
Disc name or song title put on	FName Undo? J
Delete the name you gave vinegar	
Create a new group make	
1 group at a time Cancel	FGroup Undo? J
Cancel all songs at once to do	
delete a song	
erase all songs	F'Erase Undo?J
delete part of the song vinegar	
change the song order	F'Move Undo?J
Two songs from one song divide into	FDivide Undo? J
Two songs in one to do	F'Combine Undo? J

4 Press **ENTER/YES** again

"Complete!" is displayed for a few seconds, returning to the contents of the MD before editing.

stop halfway

Press **MENU Ha I O**.

Recording level after recording Change (S.F EDIT)

You can change the audio level of a recorded song.

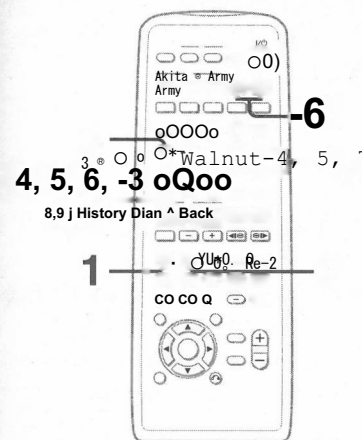
I can. The original song is on a new recording level.

It will be written. Also, fade-in-fade

With DOUT, you can create songs where the beginning of the song plays progressively louder, or songs where the end of the song plays progressively smaller.

How to change the recording level of MDLP recorded songs.

I can 't.



Change the recording level of an entire song

1 Press the function repeatedly to turn the function to MD.

change

2 Press playback mode/tuning mode repeatedly to turn off FSHUFFLEJ and "PROGRAM" displays.

3 Press MENU/K6 to display ff Foto MenuJ

4 Press **MWNU +** or one repeatedly to rS.F Edit? J is displayed,

Press **ENTER/YES**

5 "Press **CNU +** or 1 repeatedly to FTr Level? Display J and press **ENTER/YES**

6 I want to change the recording level by repeatedly pressing * or * on the MD

Display the song number and press **ENTER/YES**

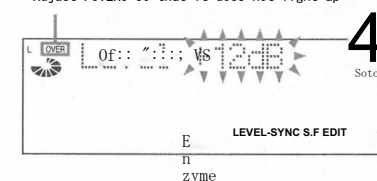
press

FLevel OdBJ is displayed.

7 While listening to the playback sound, press **MENU +** or 1 repeatedly to change the recording level in the range of -12dB to +12dB (in 2dB increments). At the loudest sound, "OVER" does not light up in the display window.

I will do so.

Adjust FOVERJ so that it does not light up



8 **ENTER/YES** press

FS.F Edit OK? J is displayed.

Continue to the next page

Change the recording level after recording (continued)

Press **Pa ES**
 7 **E** Press **エフ**
 ki) 9 **E** Press **エフ**

The song rewriting begins.

During rewriting, "S.F Edit: * %" is displayed.

Rewriting a song takes almost as long or longer than it takes to play that song.

When the rewrite is complete, rComplete! J appears for a few seconds.

Create a song that fades in and out

1 Press function repeatedly to switch function to MD

2 Press playback mode/tuning mode repeatedly to... "シャッフル" Turn off [SHUFFLE] and "PROGRAM" displays

3 Press J/K6 to display Edit MenuJ

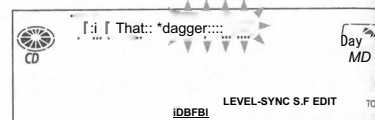
4 Press **MENU +** or one repeatedly Ur **fsEdit?** Display J, **E** Press **R/YES**

5 **MEN, +** or chew one [Fade In? J or [Fade Out? Display J and press ENTER/YES

6 Press **I ◀ <or R** repeatedly on the MD to select the song number you want to fade in or out. Display and press ENTER/YES rTime 5.0 sJ will be displayed.

Press **MENU +** or 1 repeatedly while listening to the sound being played to adjust the fade-in or fade-out time.

The part that is faded in or faded out is played back repeatedly.



It can be adjusted between 1 second and 15 seconds (in 0.1 second increments). You cannot set more than the playback time of that song.

8 **E** Press **BYES** [SF Edit OK?J will be displayed.

9 Enter Jesus ENTER Ha fES

The song rewriting begins.

During rewriting, FSF Edit: * % "is displayed. When the rewrite is finished, rCompleteJ is displayed for a few seconds.

stop halfway

Press **MENU/N** O in the middle of steps 4 to 8. smooth hand

If you press ENTEFYVES at 9 to start the rewrite, you cannot stop the operation in the middle.

Please note

- Do not shake the unit or unplug the power plug while rewriting a song. Recording information is corrupted and not recorded correctly.
- Do not use discs with scratches or stains. Recording information may not be recorded correctly.
- Repeatedly changing the recording level will degrade the sound quality.
- If you change the recording level of a song back to the original level, it will not completely return to the original recording level.
- You cannot change the recording level when the timer is working.
- For songs that have changed the recording level, use the UNDO function. It cannot be returned to its original state.

make your favorite sound

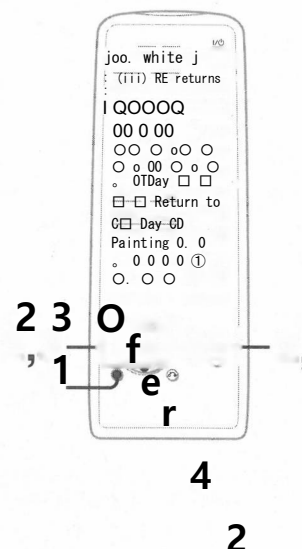
DVDs to enjoy virtual surround

VIRTUAL Surround (VIRTUAL

SURROUND) function, multi-channel audio can enjoy virtual surround sound even with only the front two speakers.

Masu.

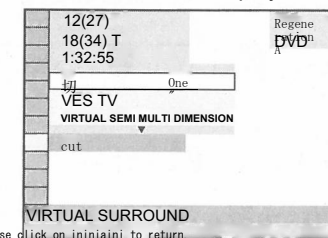
VES is only effective for audio output from the SPEAKER L/R or TAPE OUT terminals.



1 Press the DVD screen display button during playback
 The control menu screen is displayed

Select **バーチャル サラウンド** "VIRTUAL SURROUNDJ" and press OK.

"The settings for VIRTUAL SURROUNDJ are displayed.



Select the surround effect with 3 ▲/Please see below for each item.

- VES TV
- VIRTUAL SEMI MULTI DIMENSION
- VES NIGHT
- VESA

4 Press the decision

Cancel settings

Select "Cut" in step 3.

turn off the screen display

Press the DVD screen display button until the screen display disappears.

Continue to the next page

make your favorite sound

Enjoy virtual surround (Tsuzugi)

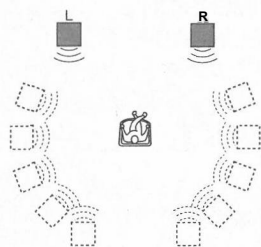
VES (Virtual Enhanced Surround) TV

Using sound image processing, one pair of virtual rear speakers is reproduced from the sound of the actual front speakers (L, R) as shown in the figure below. Because it is excellent in sound image description, it clearly reproduces virtual speakers. It works well when the left and right front speakers are close together, like when you set the speakers next to the TV.



VIRTUAL SEMI MULTI DIMENSION

Using sound image processing, five pairs of virtual speakers are reproduced from the sounds of the actual front speakers (L, R) as shown in the figure below. Virtual surround This is a surround effect that allows you to best experience the expansion of the space.

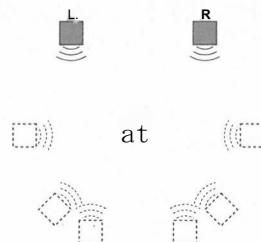


VES (Virtual Enhanced Surround) NIGHT

You can get a surround effect even at low volume and reproduce a VIRTUAL speaker similar to VIRTUAL SEMI MULTI DIMENSION. Also, loud sounds such as explosions are squeezed out and smaller sounds such as dialogue are easier to hear. This is useful when you don't want to disturb your neighbors. The volume becomes louder when you switch

VES (Virtual Enhanced Surround) A

Using sound image processing, three pairs of virtual speakers are reproduced from the sounds of the actual front speakers (L, R) as shown in the figure below. This setting focuses on sound quality.



L: Front speaker (L)
R: Front speaker (R)
Mouth: Virtual speaker

Just a word

You can select "VIRTUAL SURROUNDJ" directly with the VES button on the remote control.

Please note

- When you select an item, the sound stops for a moment. If you switch items while recording, the sound may be interrupted for a moment and the song number may be added there.
- For discs with no rear audio recorded, the surround effect will be difficult to understand.
- If the speakers are placed symmetrically from the listening position in terms of distance and environment, a higher surround effect will be obtained. If the installation location is not appropriate, it may be difficult to see the effect even if you choose VIRTUAL SURROUNDJ.
- FVES NIGHTJ only works with Dolby Digital audio on DVD. The degree of effect depends on the disk.
- Audio is output from DIGITAL OUT, but there is no virtual surround effect.

Choose the sound that matches the music

ぶ (プリセットイコライザー)

You can choose from five preset equalizers to suit your music and situation.



Press Preset EQ repeatedly

Each time you press it, the display of the preset name changes as follows.



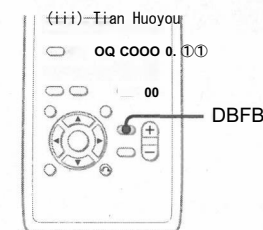
Erase the effect of the preset equalizer Press the preset EQ repeatedly to display FFLATJ.

Just a word

- Factory set to "ROCK".
- Preset equalizer effects are not recorded on MD or tape.

Emphasize Bass (DBFB)

You can emphasize the bass for a powerful sound.



ディービーエフビー

Press DBFB *

FDBFBJ is displayed.

Press it again and it goes back.

* DBFB stands for Dynamic Bass Feedback.

Just a word

DBFB is set to On at the factory.

How to use the control menu screen



Only DVDs using the control menu screen

It also makes it easy to play video CDs and various CDs.

Setting up digital cinema sound

You can do it. Control Menu

Items vary from disk to disk. con

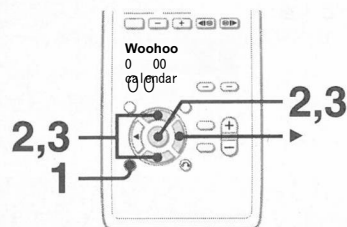
About each item in the troll menu

For details, see "Control Menu Screen

Items List" (page 80).

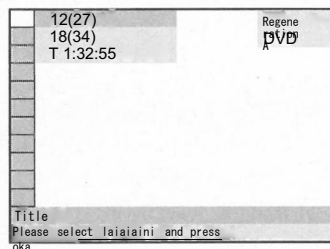
The control menu is operated on the TV screen.

I will. Before using the control menu, turn on the TV and switch the function to DVD.

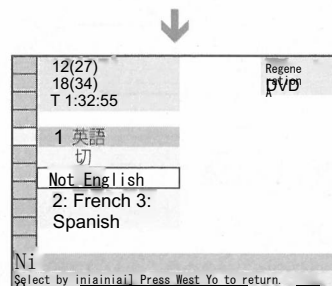
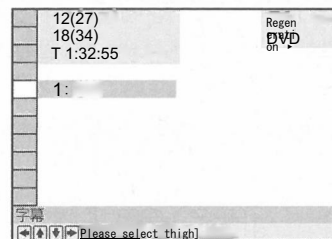


1 Press the DVD screen display button

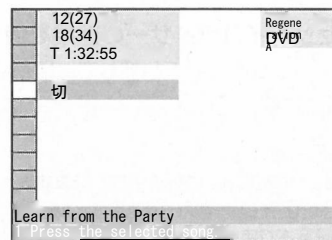
The control menu screen is displayed.



2 Select the item with ▲/and press A or OK



3 Select the item with ▲/and press Decide 1



Please note

Some items on the Control Menu screen require operations other than selecting the item. For more information on these items, please refer to the reference pages described in the descriptions of each item starting on page 80.

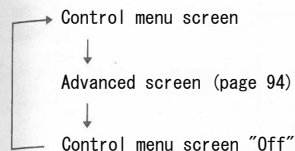
Stop setting the control menu screen halfway through
Press Return C.

display other items that are not displayed

Every time you press the DVD screen display button,

The role menu screen will change as

follows.

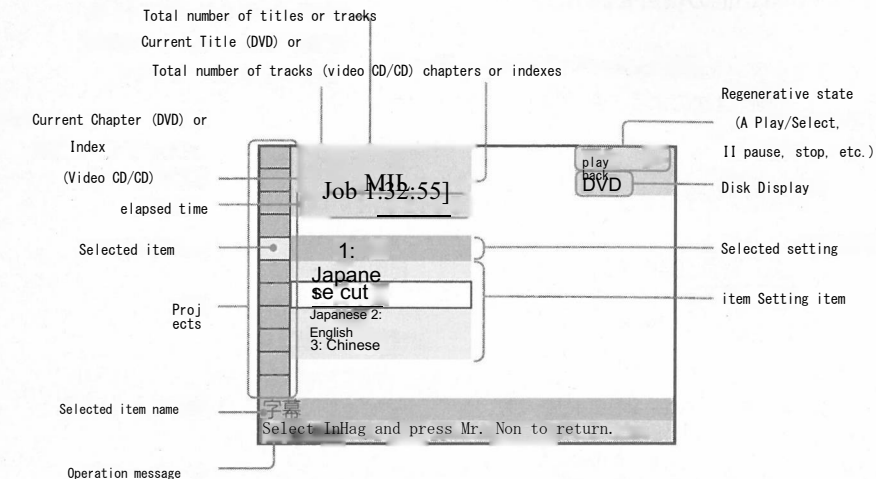


Just a word

Some items can be displayed by pressing a button on the remote control. In this case, only the selected items will be displayed. Please refer to the description of each item for operation using the remote control.

Control menu screen item list

Press the DVD Screen Display button to see it. For more information, please refer to the page in parentheses.



	Title (DVD only) (page 82) /Scene to play Title (DVD) or Scene (PBC (Video CD only when PBC plays) (page 82) /Video CD when plays), Track (Video Tracks (Video CD Only) (82 pages) Choose CD).
	Chapter (DVD Only) (82 pages) /Index (Video CD Only) (82 pages) Chapter (DVD) and Index to be played Select the video CD.
	Medium track (CD only) (82 pages) O i Select the track (CD) you want to play.
	index (CD only) (82 pages) Select the index (CD) you want to play.
	1 hour (82 pages) Examine the elapsed time and the remaining time. Enter the timecode to search for videos and songs. vinegar.
	Tankuni audio (84 pages) Audio recording in multiple languages (multilingual) On the recorded DVD, you can listen to your favorite words while playing. Switch to word audio. For karaoke video CDs, etc., turn off the audio. Some can erase vocal tracks by replacing them. (The audio at this time is mono. vinegar).
	Korean subtitles (DVD only) (86 pages) Display subtitles. Switch the language of subtitles
	Gym I Angle (DVD Only) (87 pages) Switch to any angle you like.

	Repeat (83 pages) Entire disc (all titles/all tracks) One title or chapter/track Play it over and over again.
	•(((@)) VIRTUAL SURROUND (Virtual Salaeund) (75 pages) 3D stereo sound image processing of stereo signals You can enjoy virtual surround Masu.
	Advanced (DVD Only) (94 pages) Information about the disc being played (bitrate and layer).
	Custom Viewing Limits (88 pages) Set the disc to prohibit playback on this unit.
	Settings (96 pages) Custom settings In addition to the simple settings, you can set a variety of settings, such as adjusting image and sound quality, and viewing age restrictions. Return the settings in "Settings" to the settings at the time of purchase.

Just a word

The control menu icon lights up green when you select anything other than "Cut" (FVIRTUAL SURROUND and "REPEAT" only).

In "Angle", the icon lights up green when you switch angles.

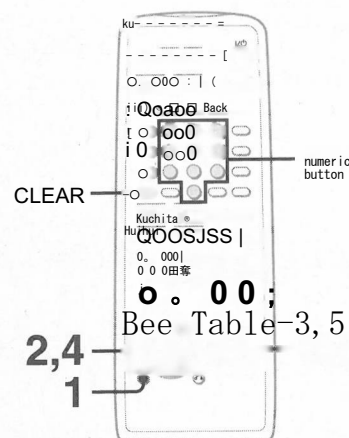
Search by Title, Track, and Timecode



DVD title or chapter, title elapsed time, video CD or CD track

You can search for images and songs in the index or scene.

Titles, tracks, etc. are numbered on the disc, so select that number to find out. You can also search for scenes by typing the elapsed time of the title in a timecode.



1 Press the DVD screen display button

The control menu screen is displayed.

2 Select a search item with ▲/

When on DVD

Choose "Title" or "Chapter" and "Time".

When searching for a scene by entering a timecode, select Time.

When a video CD

Select "Track" or "Index".

Select "Scene" when playing a video CD PBC.

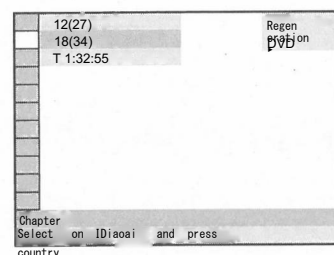
When on CD

Select "Track" or "Index".

Example) When you select "Chapter", "*(*)" is selected (*(*) means

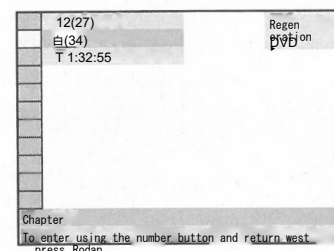
Figures).

Numbers in parentheses are the total number of titles or chapters, tracks, indexes, and scenes.



3 Press the decision

"*(*)" が "I"-(*) に変わります。



4 ▲/or Enter a number such as title, track, scene, etc.

using the number button

If you make a mistake, press CLEAR to erase the number and enter it again.

5 Press the decision

Playback of the selected location will begin.

turn off the screen display

Press the DVD screen display button until the screen display disappears.

stop making a choice mid-way
Press Return C.

Enter a time code to search for a scene (Time Search) (DVD only)

1 Select "Time" in Step 2.

"T*:*:*" (the elapsed time of the current title) is selected.

2 Press the decision.

"T*:*:*:*" が "T:--" に変わります。

Enter the time code with the 3-digit button and decide

Press.

For example, to find a scene 2 hours, 10 minutes and 20 seconds after the beginning, enter 2:10:20.

vinegar.

Please note

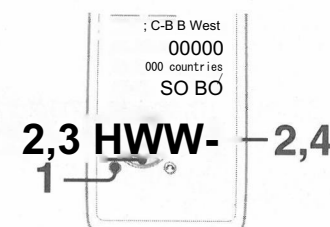
- Title, chapter, and track numbers are displayed just like the numbers recorded on the disc.
- The index number is not displayed during PBC playback of the video CD.
- If the chapter number is not displayed, you cannot specify the chapter and play it.
- Numbers greater than 100 are not shown in parentheses.

play over and over

(Repeat playback)

You can repeatedly play all titles and tracks on a disc, or one title, chapter, or track.

It can also be used in combination with shuffle playback and program playback.



1 Press the DVD screen display button during playback.

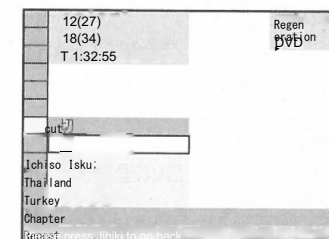
push

The control menu screen is displayed.
Masu.

2 Select "Repeat" with ▲/and decide 1

press

The "Repeat" setting item is displayed.



Continue to the next page

use the control menu

3 Select an item with ▲/▼

When playing a DVD (when program playback is "off")

- Off: Turn off repeat playback.
- Disc: Play all titles repeatedly.

- Title: Repeatedly plays the currently playing title.
- Chapter: Repeatedly plays the currently playing chapter.

When video CD/CD (when program playback is "off")

- Off: Turn off repeat playback.
- Disc: Repeats all tracks.

- Track: Repeats the currently playing track.

When playing a program

- Off: Turn off repeat playback.
- On: Repeats program playback and shuffle playback.

4 Press the decision

Repeat playback will begin.

return to normal playback

Select "Off" or press CLEAR in step 3 vinegar.

turn off the screen display

Press the DVD screen display button until the screen display disappears.

Just a word

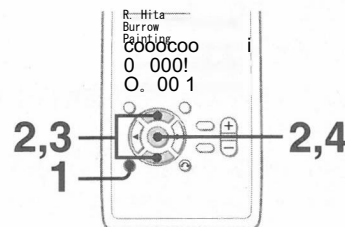
You can set repeat playback while stopped. Select the item in Repeat/FM mode and press A on DVD. Repeat playback will begin.

Switch audio



You can choose the audio language and audio recording method during DVD playback.

Also, while playing a CD or video CD, the sound of either channel can be output from both left and right speakers. At this time, the audio will be mono. For example, on a karaoke video CD, you can switch the audio to delete the vocal track and just listen to the accompaniment.



1 Press the DVD screen display button during playback.

push

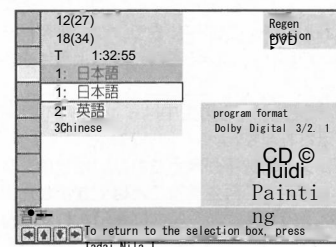
The control menu screen is displayed.

Masu.

2 Select "Audio" with ▲/▼ and press OK.

vinegar

The "Audio" setting item is displayed.



3 Select audio with ▲/▼

When on DVD

The language you can choose depends on the DVD.

When a four-digit number is displayed, please refer to the "Language Code List" (page 139). When two or more of the same language are displayed, the audio recording method (such as the number of channels) is different.

Video CD/When CD

The setting at the time of purchase is "stereo".

- Stereo: Normal stereo playback
- 1/L: Left channel sound (mono)
- 2/R: Right channel sound (

mono) 4 Press DETERMINATION

turn off the screen display

Press the DVD screen display button until the screen display disappears.

Just a word

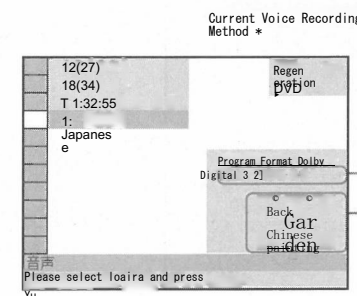
You can select "Audio" directly using the audio button on the remote control. I can. Press repeatedly to set.

Please note

- Audio switching cannot be performed on discs that do not have multiple audio recorded.
- Some DVDs may not allow switching even if multiple languages are recorded.
- For video CDs or CDs, turn off the power or Opening and closing the disc tray returns to normal stereo playback.
- The audio may automatically switch during DVD playback.

Display the playing channel

Select "Audio" to display the number of channels recorded on the currently playing DVD.



Show the channel being played **

* "PCM" or "DTS", "Dolby Digital" is displayed.

When "Dolby Digital" is used, the channels containing audio are displayed as numbers as follows.

For Dolby Digital 5.1 ch:

Rear 2

Dolby Digital Mother/Huijun

Front 2+ Center 1LFE (bass boost signal) 1

** The channel display represents the signal recorded on the track being played, with or without speakers. Each symbol represents the next channel.

L: Front (left)

R: Front (right)

C: Center (mono)

LS: Rear (left)

RS: Rear (right)

s: Rear (mono): Dolby surround

reasoned signal, or Dolby Digital signal

It is the rear component of the mono.

LFE : LFE (Low Frequency Effect : Increased bass

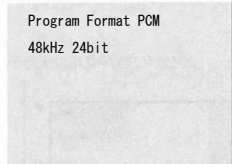
Strong) signal

Continue to the next page

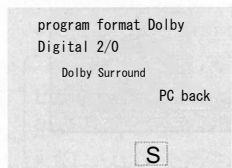
Switch audio (continued)

Screen display example

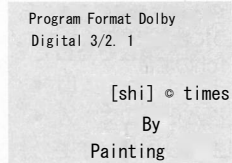
• PCM (STEREO)



• Dolby Surround when

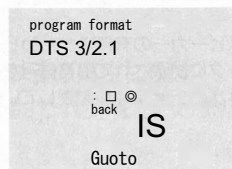


In Dolby Digital 5.1 channels, FLFEJ is displayed with a solid line regardless of the presence or absence of an LFE (bass enhancement) signal output.



• DTS when

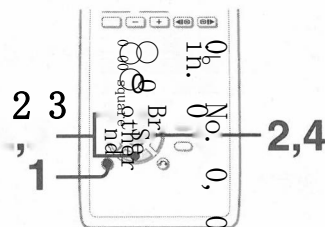
With or without LFE (bass boost) signal output, the FLFEJ is displayed as a solid line.



Show subtitles

DVD

Discs with recorded subtitles can be displayed or removed during playback. When subtitles are recorded in multiple languages, you can switch subtitles during playback. For example, you can display subtitles to help you learn a language.

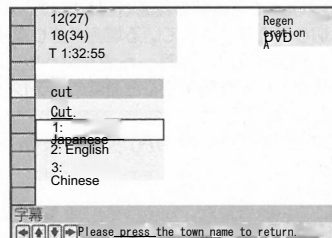


1 Press the DVD screen display button during playback

The control menu screen is displayed.

2 Select "Subtitles" with ▲/and press OK.

The "Subtitles" setting item is displayed.



3 Select language with ▲/

The language you can choose depends on the disc.

When a 4-digit number is displayed, please refer to the "Language Code List" (page 139).

4 Press the decision

Cancel subtitle settings

Select "Cut" in step 3.

turn off the screen display

Press the DVD screen display button until the screen display disappears.

Just a word

You can select "Subtitles" directly using the subtitle button on the remote control 0 1 I can. Press repeatedly to set.

Please note

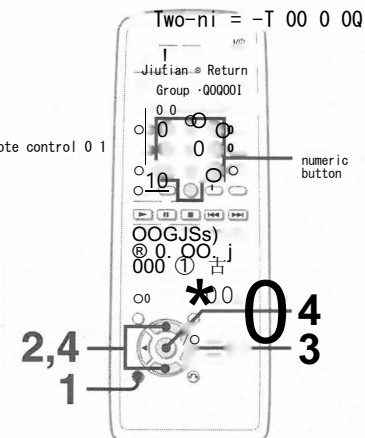
Some discs may have subtitles recorded, but they may not be shown or turned off, or may not be switched.

DVD to switch angles

When multiple angles are recorded on the disc, you can switch to the desired angle to play back.

For example, while playing a scene of a moving train, you can switch the view from the front of the train to the view from the right window. When you can change the angle, go to the display window.

"The ANGL day lights up.



1 Press the DVD screen display button during playback.

push

The control menu screen is displayed.

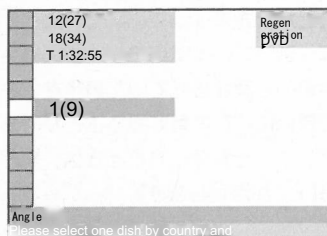
Masu.

Continue to the next page

use the control menu

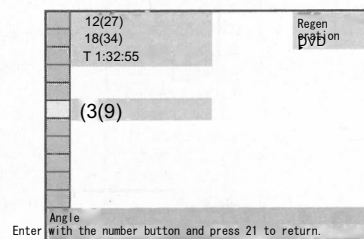
2 Select "Angle" with ▲/

The number in parentheses is the total number of angles recorded on the disc.



3 Press A or Decision

The angle number changes to "one".



4 ▲/or Ang with the number button

Select the number and press OK.

Switch to the selected angle.

turn off the screen display

DVD screen display button until screen display disappears

Press.

Just a word

You can select "Angle" directly with the angle button on the remote control. Press repeatedly to set.

Please note

Some discs may have multiple angles recorded, but may prohibit switching.

Restrict disc playback

(Custom viewing restrictions/viewing age restrictions)



This unit has two functions that limit disc playback.

• Custom viewing restrictions

To prevent a specific disk from being reproduced by this unit.

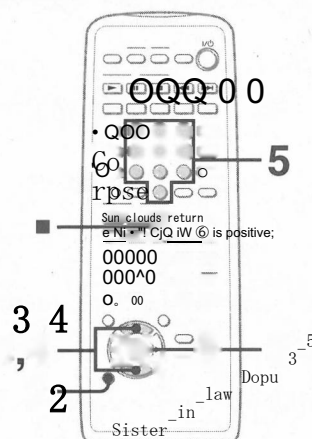
• Viewing age limit

To restrict a scene in which a DVD with a viewing age limit can be reproduced.

Set both custom viewing restrictions and viewing age restrictions using the same PIN you registered.

Custom Viewing Limits-Set

You can set custom viewing limits for up to 50 discs using the same PIN you registered. When you set the 51st disk, the restrictions on the first disk set will be lifted.



1 Insert the disk you want to set

When a disc is playing, press the DVD button to stop playback.

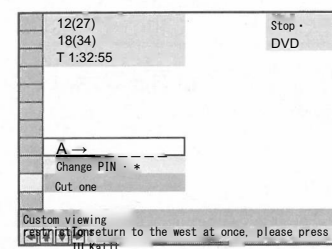
2 Press the DVD screen display button while stopped.

push

The control menu screen is displayed.

3 Select "Custom Viewing Restrictions" at ▲/and press OK.

"Custom Viewing Restrictions" is selected.

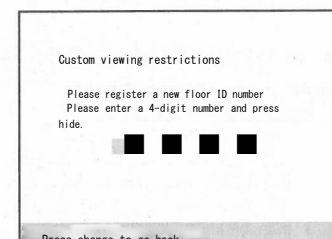


4 Select "Enter->" with ▲/and press OK.

vinegar

When the PIN is not registered

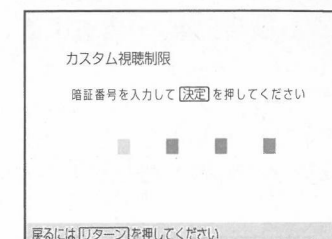
The PIN registration screen will be displayed.



Enter the 4-digit PIN on the number button and press Decide.

A PIN confirmation screen will appear.

When the PIN has already been registered, a screen to enter the PIN will appear.



Enter a 4-digit PIN using the 5-digit button

force and push the decision

"Custom viewing restrictions have been set" will be displayed and you will be returned to the control menu screen.

When you enter the wrong PIN number Press <before pressing Decision to enter directly.

I will.

when you make a mistake

Press Return C to reselect from step 3.

turn off the screen display

After pressing Return C, press the DVD screen display button until the screen display disappears.

Canceling custom viewing restrictions 1 Select "Off ->" in Step 4 and press OK. Enter your 4-digit PIN number using the 2-digit button and decide

Press Constant

To change your password

1 In step 4, select "Change PIN 1>" and press OK.

The screen for entering your PIN number will be displayed. Enter your 4-digit PIN number using the 2-digit button and decide Press Constant

Enter your new 4-digit PIN with the 3-digit button and press Decide.

4 To confirm, enter the PIN number again using the number button and press OK.

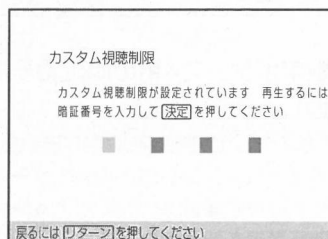
Restricting disc playback? zuki)

Custom Viewing Limits-Play 1

Custom Viewing Limits set

insert a disc

The Custom Viewing Restrictions screen will be displayed.



Enter the 4-digit PIN number with the 2-digit button and press OK

It will be playable.

Just a word

If you forget your PIN, you can use custom viewing. When you are prompted to enter your PIN number on the limited screen, enter the 6-digit number "199703" using the number button and press OK. The screen prompts you to enter a new 4-digit PIN number.

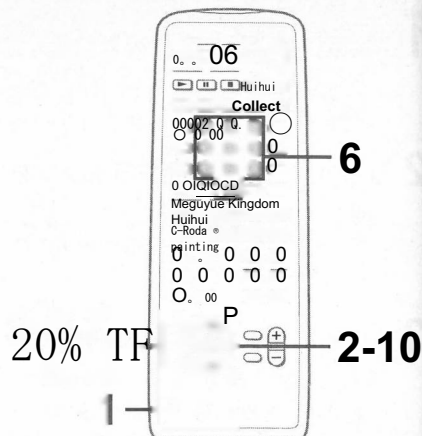
Viewing age limit-set

The DVD contains levels set for each region.

Restrict viewing depending on the age of the viewer (etc.)

There's something you can do. When using the viewing age restriction function, you can set this viewing restriction level. You can do it.

When a restricted scene is played, it cuts the scene or replaces it with another scene prepared in advance.



1 Press the DVD screen display button while stopped.

push

The control menu screen is displayed.

Masu.

2 Select "Settings" with ▲/and press OK.

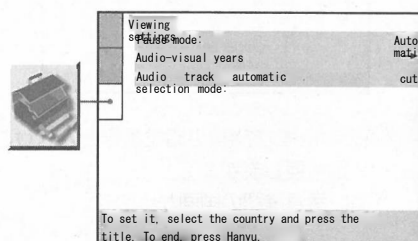
vinegar

Select "Custom" with 3 ▲/and decide.

press

The settings screen will be displayed.

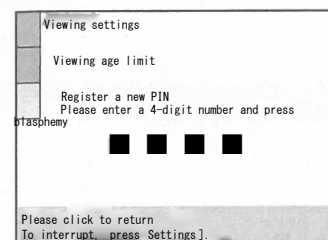
Select "Viewing Settings" with 4 ▲/and enter a 4-digit PIN number with the OK 6-digit button. force and push the decision



Select "Viewing age limit-" with 5 ▲/Select "Region to use" with 7 ▲/,

and press the decision

When the PIN is not registered The PIN registration screen is displayed.



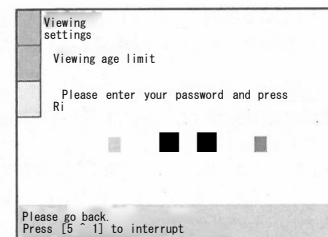
Enter your 4-digit PIN number with the number button,

Press the decision.

A PIN confirmation screen will appear.

When the PIN has already been registered

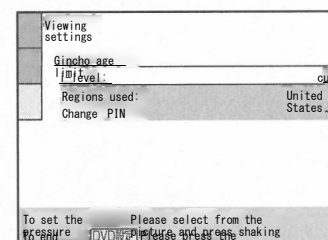
, a screen to enter the PIN will appear.



4-digit PIN number with the OK 6-digit button. force and push the decision

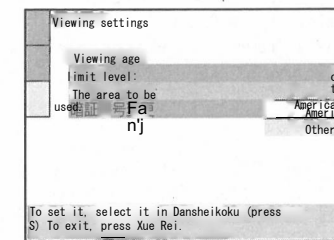
VIEWING RESTRICTION LEVEL SETTING AND PASSWORD NUMBER

A screen for changing the number will be displayed.



press a decision

The "Region to Use" selection is displayed.



8 ▲/to set the viewing restriction level standard

Choose the region to do and press the decision

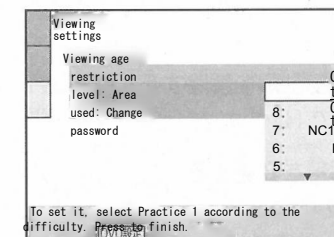
Regions are chosen.

When you select "Other->", select the area code from the table on page 93 and enter the number code.

Enter with the tongue.

9 Press the decision

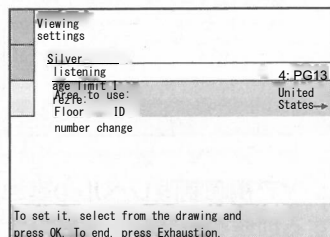
The "Level" selection is displayed.



Continue to the next page

Select the level to limit with 10 ▲/and press Decide.

The viewing age limit settings will be terminated. The smaller the number of levels, the more restrictive.



when you make a mistake

Return Press C to return to the previous screen and select again.

turn off the screen display

Press the DVD screen display button until the screen display disappears.

In step 10 of releasing the viewing age limit, "Level" is set to "Off".

Change your password

1 In step 7, use "Change PIN number--"

Pick and press the decision.

A screen to enter your PIN number will appear.

2 Do the same operation as step 6 again and create a new

Register your PIN number.

Insert 1 disc and press A on

DVD

The screen for entering the password for viewing restrictions will be displayed.

Enter a 4-digit PIN using the 2-digit button

force and push the decision
Playback begins.

Just a word

If you forget your registered PIN, take out the disc and follow steps 1 to 5 of "Set the viewing age limit". When prompted to enter your PIN number, enter the 6-digit number ri99703J using the number button and press OK. The screen will prompt you to register a new 4-digit PIN. Enter the new PIN, insert the disc back into the unit, and press A on the DVD. The password entry screen will be displayed, so enter a new password.

Please note

- Playback of DVDs that do not have a viewing age restriction function cannot be restricted even if viewing restrictions are set on this unit.
- Some DVDs may require you to change the viewing age setting during playback. In that case, enter the PIN and change the level.

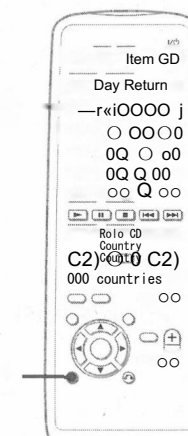
Area Code

Regions to use	Code number
-Argentina	2044
イギリス squirrel	2184
Italian2254	
India	2248
Indonesian2238	
Australian2047	
Grass-Stria	2046
Hollander	2376
Canada	2079
Korea 2304 2 Singapore 2501	
Switzerland	2086
Swedish2499	
Spanish2149	
Thailand	2528
Taiwan	2543
PRC 2092 1	
Chile	2090
Denmark	2115
Germany	2109
Japan	2276
New Zealand2390	
Norway	2379
Pakistani2427	
Philippine	2424
Finland	2165
Brazil	2070
France	2174
Belgium	2057
Portugal	2436
Hong Kong	2219
Malaysia	2363
Mexico	2362
Russia	2489

View elapsed and remaining time



You can see the playing titles and chapters, track elapsed and remaining time, and entire disc elapsed and remaining time.

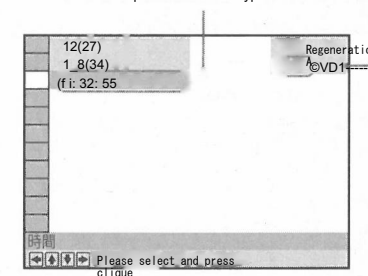


1 Press the DVD screen display button during playback

The control menu screen is displayed.

Title or

Track elapsed timeDisk type



Continue to the next page

Press the 2-hour button repeatedly to switch the time display

The type of time that can be displayed or switched depends on the disc. When on DVD

• T **: **: ** Title

elapsed time

• T— **: **: **

Title Time Remaining

• C **: **: **

Chapter elapsed time

• C— **: **: **

Remaining chapter time

When playing a video CD on PBC

• ** : **

elapsed time of scene

Video CD (other than PBC playing) /CD and

Ki

• T ** : **

Track elapsed time

• T— **: **: **

Track Time Remaining

• D ** : **

Disk elapsed time

• D— **: **: **

Time left on disk

turn off the screen display

DVD screen display button until screen display disappears

Press.

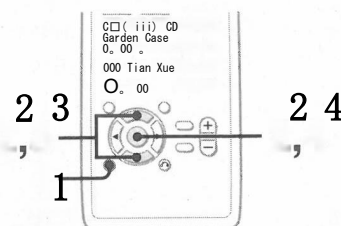
View playback information

(Advanced) DVD

You can see the bit rate, as well as the disk layer and optical pickup location.

During playback, the approximate bit rate of video is Mbps (Mega bit per second), and the approximate bit rate of audio is kbps (kilo bit).

per second).



1 Press the DVD screen display

button during playback

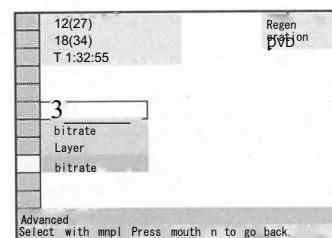
The control menu screen is displayed.

2 Select "Advanced" with ▲/and select Bit Rate

press a decision

"Advanced" setting items are displayed.

Masû 0



Select the item you want to display with 3 ▲/For each item, please see "About the playback information screen" below.

• Bitrate: Displays the bitrate.

• Layer: Displays the approximate position of the layer and optical pickup.

4 Press the decision

Clear Advanced Screen

Select "Delete" in step 3.

turn off the screen display

DVD screen display button until screen display disappears

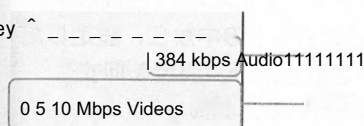
Press.

About the playback information screen

When you press the DVD screen display button repeatedly, the "Bit Rate" selected in "Advanced" will be displayed again.

"Layers" will be displayed.

bitrate



Bit rate is a value that indicates the amount of information per second of compressed images and audio recorded on DVD. For images, the unit is Mbps (Mega bit per second), and 1Mbps is

Represents that the amount of information per second is 1000000 bits. For audio, the unit is

kbps (kilo bit per second)です。

The larger this value, the more information the image or audio contains, but it is not necessarily directly related to the image or audio quality.

Layer Displayed only for 2-layer DVD



Indicates the approximate position of the optical pickup during playback.

Which layer is read on a two-layer DVD? (FLayer 0J or "Layer 1").

For more information on layers, see the FVDJ item on page 138.

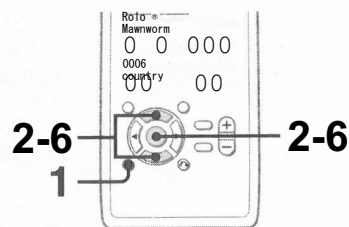
Use the settings screen



You can use the settings screen to make various settings such as image quality and audio. You can also set the language of DVD subtitles and menu display. For more information on the settings screen, please refer to page 98.

The settings screen is operated on the TV screen. Please turn on the TV in advance and switch the input of the TV so that the image on the disc can be displayed.

How to use the settings screen



1 Press the DVD screen display

button while stopped

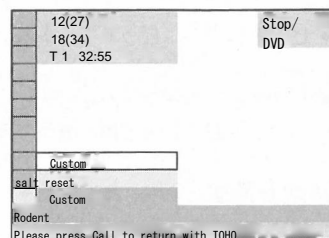
The control menu screen is displayed.

Press the DVD Settings button to proceed from Step 3.

2 Select "Settings" with ▲/, press OK 5 Select an item with ▲/, and press OK

vinegar

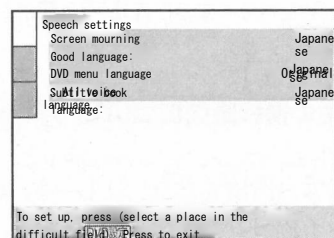
The setting item of "Settings" will be displayed.



3 Select "Custom" with ▲/and press

OK.

The settings screen will be displayed.

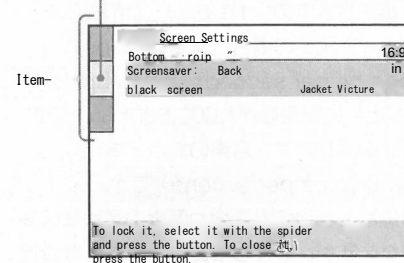


4 ▲/Set from "Language Settings", "Screen Settings", and "Viewing Settings"

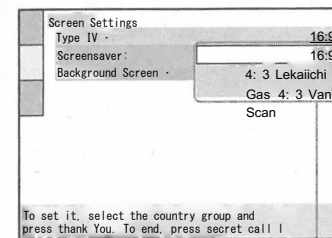
Select the item and press OK The screen for the selected item will be displayed

Example) "Screen Settings"

Selected item



Field Settings The field settings are listed. Example) "TV type" setting item

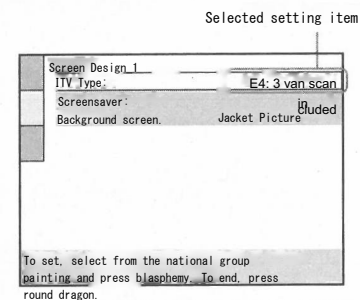


Set
Items

6 Select the setting item with ▲/ and press OK.

The setting item is selected and the setting is completed.

Example) "4: 3 pan scan"



turn off the screen display
Press the DVD screen display button until the screen display disappears.

Just a word

If you select "Reset" in step 3, you can return all settings screen items (page 98) to the settings at the time of purchase except the viewing age limit.

Select "Reset" and press Decide, then select "Yes" and press Decide. It will take a few seconds for the reset to complete. Press I/O (Power) during reset and do not turn off the power.

Setting screen item list

Underlined items indicate settings at the It's fixed time of purchase.

Language Settings (99 pages)

Picture represents speech	<u>Japanese language</u> ENGLISH
DVD Menu Language	<u>Japanese language</u> English Chinese language German French Italian Spanish Portuguese Dutch Danish language Swedish language Finnish Norwegian Russian language Other →
Voice speech	<u>Original</u> (Other items are the same as DVD menu language)
Subtitle speech	<u>Japanese language</u> Sound-sound linkage (Other items are the same as DVD menu language)

Screen settings (100 pages)

TV Type	<u>16:9</u> 4: 3 letterbox 4: 3 pan scan
Screensavers	Factory cut
Background picture	<u>Jacket Picture</u> Graphics Green Black

Viewing settings (101 pages)

pause mode	<u>Automatic</u> Frame
Viewing age limit 1 (90 pages)	
Audio track automatic selection mode	CU tn to

Display language and audio language

settings (language settings)

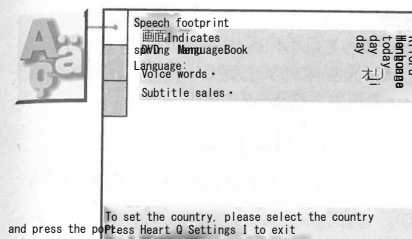


On the language setting screen, you can set the language of the screen and audio.

You can do it.

Select "Language Settings" on the settings screen. For details, see "Using the settings screen" (page 96).

Sai.



To set the country, please select the country and press the [Enter] key. Press Heart 0 Settings 1 to exit

- Screen represents speech
Switch the screen display language.
Select from the list of languages that appear.

DVD Menu (DVD only) Switch the language of the DVD menu. Select from the list of languages that appear.

- Audio language (DVD only)
Switch the language of the audio.
Select from the list of languages that appear. If you choose "Original", you will find the best on the disc.
The preferred language is selected.

- Subtitle language (DVD only)
Switch the language of subtitles.
Select from the list of languages that appear. If you select "Voice-linked", it will match the language of the voice.
The language of the subtitles will be switched.

Just a word

When you select "Other->" in "DVD Menu Language", "Audio Language", and "Subtitle Language", the language code list (139

Please select the language code from the page) and enter it.

Enter the language code with the number button.

From now on, you will see the language code of 4 digits.

Please note

If the selected language is not recorded on the disc, one of the recorded languages will be selected (except the "Display Language").

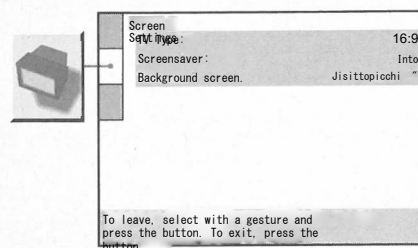
Image-related settings

(画面設定)



Set it according to the TV you want to connect. At the time of purchase, it is set to the underlined item.

Select "Screen Settings" on the settings screen. For more information, see "Using the settings screen" (page 96).



• TV type (DVD only)

Set the screen type of the TV you want to connect (widescreen TV or traditional 4: 3 screen TV).

ZH	Wide TV or Wa
EN	TV with id mode
	When connecting with.
4:3	Connect with 4: 3 screen TV
	When the letterbox. Wide images are displayed horizontally
	The bottom of the top of the
4:3	displayed in black. When
pan scan	connected to a 4: 3 screen
	TV. The wide image automatically cuts the
	left and right sides of
	the video and displays it
	on the whole TV screen.

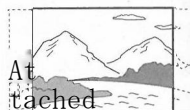
16:9



4: 3 letterbox



4: 3 pan scan



Please note

Depending on the DVD, even if you set it to "4: 3 letterbox" or "4: 3 van scan", it will automatically scan. There are things that are played somewhere.

• Screensavers

Set it to switch to the screensaver screen after 15 minutes of pause or pause or play a CD for more than 15 minutes. It helps prevent image burn-in (afterimage phenomenon). Press A on DVD and the screensaver screen will disappear.

Si	Use a screensaver.
cu	Do not use a screen saver.

• Background picture

Screen background color, such as when stopped or playing a CD

and set the background I will.

Jacket	Use a jacket picture (still image) pre-recorded on a disc (CD-EXTRA, etc.) as the background screen.
Picture	When the jacket picture is not recorded, The image of "Graphics" is displayed.

Graphics araka	Recorded on this machine graphic picks
	Use Char as the background screen.
Gr	Set the screen background color to "blue"
een	Ru.
Bl	Set the background color of the screen to "black".
ack	

Viewing settings

[Viewing Settings]

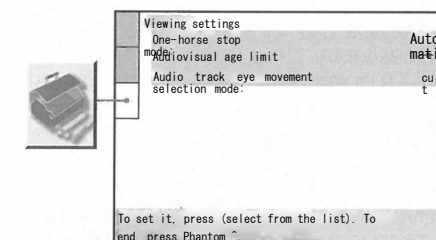


Set viewing age limits, etc.

At the time of purchase, it is set to the underlined item.

Select "Viewing Settings" on the settings screen. For details, see "Using the settings screen" (page 96).

Sai.



• Pause mode (DVD only)

Sets the mode of the image when paused.

Auto	An image of a subject with large movement can be seen without blurring. This is usually the setting.
matic	An image of a subject with little frame motion can be seen at high resolution.

• Viewing age limit 1 (DVD only)

Register a PIN and set the settings to restrict the playback of DVDs with viewing age restrictions. For more information, see "Restricting disc playback (Custom viewing restrictions/viewing age restrictions)" (page 88).

Continue to the next page

D
V
D
set the settings for

Viewing settings (continued)

- Audio track automatic selection mode (DVD only)

When playing a DVD with multiple audio recording methods, you can prioritize the audio recording method with the largest number of channels (PCM, DTS, Dolby Digital).

cut	Do not
in	prioritize.
	Prioritize.

Please note

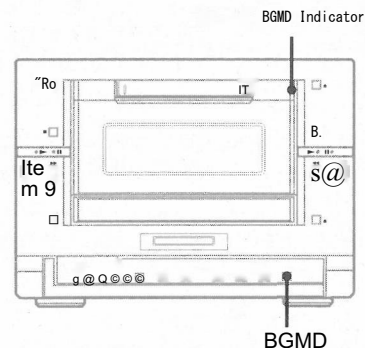
- If this setting is set to "On", the language may be switched. This is because the "Audio Track Auto Selection Mode" setting takes precedence over "Audio Language" in "Language Settings" (page 99).

- If PCM, DTS, and Dolby Digital have the same number of channels, PCM, DTS, and Dolby Digital will take precedence.
- Depending on the DVD, the preferred audio may be determined in advance. In this case, even if you set it to "On", the audio recording method with a large number of channels may not be prioritized.

use various functions

Play MD and DVD at the same time (BGMD)

You can enjoy DVD video and MD audio at the same time. MD audio is output from this unit's speaker: (2ch), and DVD audio is output from the DIGITAL OUT (OPTICAL) output terminal. You can also enjoy DVD sound at the same time by digitally connecting equipment sold separately.



Press BGMD

The BGMD indicator lights up. The function will switch to DVD and start playing DVD and MD.

If you press it again, the BGMD indicator will turn off and DVD and MD will also stop.

Just a word

Even when the BGMD indicator is lit, MD/II and MD, DVD/II and DVD work independently. Y I and </AA> also work, respectively.

Please note

- Function when BGMD mode is working
When you switch to something other than DVD, the BGMD mode is It will be released.
- Press I/O (Power) to turn off the power to disable BGMD mode.
BGMD mode cannot be activated during recording. Also, when BGMD mode is working, you cannot record.
- The function when the BGMD indicator is on is DVD. The operation to be performed will be valid on the DVD.

adjust the brightness of the display window

The brightness of the backlight on the display window can be switched to three levels.



Press the dimmer repeatedly

Each press changes as follows.

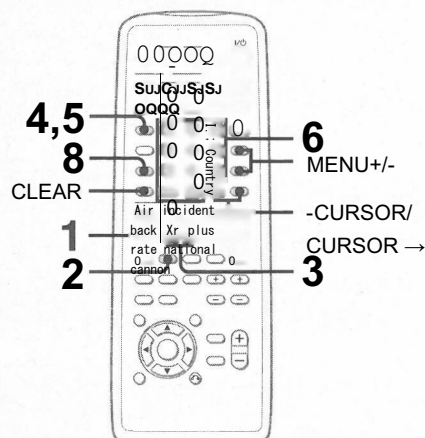
Factory-bright → dark → off - -

Just a word

- From the factory, the display window is set to light up brightly.
- The brightness cannot be switched when the power is turned off.

name a memorized radio station

You can name up to 10 characters. The name is displayed when the preset is received.



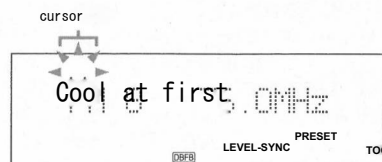
1 チューナー
TUN Press the country band repeatedly and select "AM" or "FM"

2 Press playback mode/
プリセット
tuning mode repeatedly
to display "PRESET"

3 チューナー
Press + or 1 repeatedly on TUNER
to select the preset number of the
radio station you want to name

4 NAME EDIT/SELECT I'm going to put it on my back

The character input screen will appear, and the cursor will blink.



5 Name Edit Select
NAME Press EDIT/SELECT to
SELECT the type of character
Each time you press it, it changes
like this: FSelected AB * "(uppercase
alphabet) -FSelected ab * "(lowercase
alphabet) → "Selected A * * "(
katakana) → "Selected 12" (numeric)
→ "Selected AB" (uppercase alphabet)
→ ...

* Press 1 of the number button repeatedly to display the following symbols.

' - / , . 0 : ! ?

You can also display the following symbols by repeatedly pressing MENU + or 1 when the symbol is displayed.

& + < > = " ; # \$ % @ * `

* * You can display lowercase Aiweo Yayuyotsu in addition to the normal pentagram. Also, by repeatedly pressing the > 10 button, you can display C 0-.) such as muddy point and semi-muddy point. However, the voidance point c) can only be entered after the character "U", "Power/Sa/Ta/Eight Line", and the semi-voidance point (.) can only be entered after the character "Note Line".

6 All corresponding to the character you want to input

Fabet/Numbers/Katakana

press the cabotane

If you choose alphabet/katakana

Ki

1 Repeatedly press the button with the character you want to input (ABC, DEF or A (line), FORCE (line), etc.) to display the desired character.

You can switch characters by pressing MENU + or 1 repeatedly.

2 CURSOR Press.

The characters you entered are displayed, and the cursor blinks at the following position.

When you pick a number

The number of the button you pressed is displayed, and the cursor flashes at the next position.

To enter a space

1 Press NAME EDIT/SELECT repeatedly to SELECT "

Selected AB" or "Selected ab".

Press 210/0.

A space (empty) is entered and the cursor blinks at the following position.

7 Repeat steps 5 and 6 to enter the name

Attach

To change characters

Press-CURSOR or CURSOR-repeatedly to flash the character you want to change, use CLEAR to erase the character, and then repeat steps 5 and 6.

8 ENTER Press C

The station name is stored in this unit.

stop halfway

Press MENU/NO.

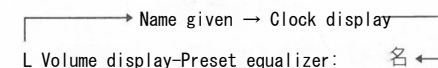
Just a word

You can also name them using the keyboard sold separately (page 116).

Check station name while receiving

Press the display button.

Each time you press it, the display switches as follows.



erase a given name

1 Repeat steps 1-4.

2 Press CLEAR repeatedly to erase the name. **3** ENTEFVYES Press.

use as an alarm to sleep while listening to music

(スリープタイマー)

After the specified time, the power will automatically turn off. Time can be set in increments of 10 minutes.



press sleep

Each time you press it, the time will change as follows, and after a while it will return to the original display. After the displayed time has passed, the power will turn off.

L SLEEP OFF (スリープ解除) →

AUTO, 10min 80min ← 90min

When you choose "AUTO"

It shuts off after about 4 hours.

Also, when a DVD, CD, or MD that is playing stops, the power will automatically turn off.

Check the remaining time

Press sleep once. However, it cannot be checked with AUTO.

change the time along the way

Press sleep repeatedly to reset the time.

vinegar.

Cancel sleep timer

Press SLEEP repeatedly to display "SLEEP OFF".

Just a word

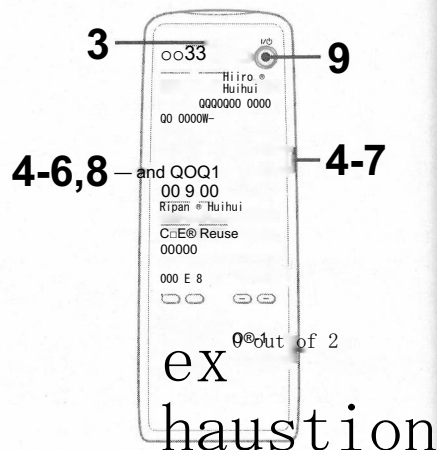
Sleep timers can be used without setting the clock.

Please note

- Do not set it to "AUTO" when recording CD-MD synchronization.
- You cannot use the sleep timer to turn off the TV.

(Daily Timer)

You can set it to turn on and off automatically at a specified time each day. Before the operation, set the clock (page 13).



1 Prepare a sound source such as a CD

- DVD or CD: Insert the disc. Program when you want to play from your favorite song (page 30).
- MD: MD Put in. Program when you want to play from your favorite song (page 38).
- Radio: Receive presets (page 23).

2 Press volume + or one to increase the volume

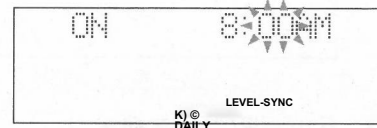
adjust

3 Press the clock/timer setting

- 4 ^{メニュー} Press MENU + or 1 repeatedly "DAILY SET? J" ^{ダイヤル} ^{セット} Enter Jesus When you press ENTER/YES, the "time" will flash.

5 Adjust the start time

Press MENU + or 1 repeatedly to set "Time" and press ENTER/YES. "Minutes" flashes.



Press MENU + or 1 repeatedly to set "minutes" and press ENTER/YES. "Time" flashes again.

6 Adjust the end time

Perform the same operation as in step 5 and set the "hour" and "minute" to display the sound source next.

7 Press u + or 1 repeatedly to select the sound source

Each time you press it, it changes like this: → TUNER — MD PLAY ←
→ DVD PLAY ←

○ Enter Jesus

○ ENTER/YES press

The start time, end time, sound source, and volume are displayed in order, and return to the original display.

9 Turn off the power

Change settings

Start over from step 1.

If you make a mistake along the way, follow steps 5 to 7.

-Press CURSOR to return to the place you want to change and reset the settings.

Check settings/ Start timer 1 Press Clock/Timer selection and MENU + MENU Press the button to display "DAILY SELECT?".

2 ENTER/YES Press.

Cancel the timer

Press the clock/TIMER selection, press MENU + or-repeatedly to display "TIMER OFF ? J, and press ENTER/ES.

Please note

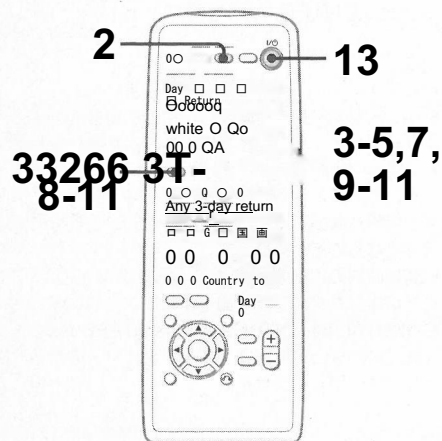
- Cannot be used at the same time as the recording timer.
- If you use a sleep timer at the same time, Leap timer settings take precedence.
- Power will automatically turn on approximately 30 seconds before the start time.
- vinegar. From the time the power is turned on until the start time, what? Do not operate either. Is the timer working correctly? It may disappear.
- The power is already on about 30 seconds before the start time.
- And the daily timer does not work.
- DIGITAL IN (OPTICAL) or TAPE IN input The device connected to the terminal cannot be used as the sound source of the daily timer.

Record using a timer

Make a sound (recording timer)

You can use the three recording timers of this unit to record timer from the radio.

Memorize the radio station in advance (page 14) and set the clock (page 13).



1 Preset and receive the radio station you want to record (page 23)

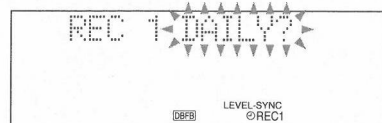
2 Press the clock/timer setting

3 Press **MENU + or 1** repeatedly to display "REC SET?" and press **ENTER/YES**

4 Press **MENU + or 1** repeatedly Select either "REC1" or "REC 3" and press **ENTER/YES**.

5 Press **MENU + or 1** repeatedly to select "ONCE?", "DAILY?", or "WEEKLY?" "ONCE?"

only ONCE, "DAILY?" At the same time every day "WEEKLY?" can be made to work at the same time of the day of the week you set every week.



6 Press **ENTER/ES**

When "ONCE?" or "WEEKLY?", "day of the week" is FDAILY? When J is "time" flashes.

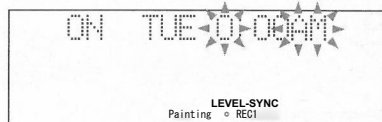
7 Press **MENU + or 1** repeatedly

to select the day of the

If you selected "DAILY?" in step 5, week to activate the timer



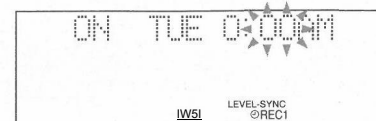
8 Press **ENTER/ES** The "time" flashes.



Noon is 0:00 PM and midnight is 0:00 AM.

9 Set the start time

Press **MENU + or 1** repeatedly to match "Nichidera" and press **ENTER/ES**. "Minutes" flashes.



Press **MENU + or 1** repeatedly to set "minutes" and press **ENTER/ES**. The "day of the week" or "time" will flash again.

10 Adjust the end time

Perform the same operation as in step 9 to set the "hour" and "minute" ("day of the week").

11 Press **MENU + or 1** to select the recording mode (LP2, etc.) and press **ENTER/YES**

The preset content is displayed and returns to the original display.

12 Insert MD for recording

For a pre-recorded MD, it will be recorded after the pre-recorded song.

13 Turn off the power

Change settings Start over from step 1.

Activate/deactivate timer

1 Press the clock/timer selection, press **MENU + or 1** to display "REC SELECT7J", and press **ENTER/YES**.

2 Press **MENU + or 1** to select the timer number (REC1~3), then -Select the timer number (set) and "-" (cancel) with **CURSOR** or **CURSOR** Press **ENTER/YES**.

When the timer is not set, "." is displayed.

Check the timer

In Step 2 of "Start/Cancel Timer", display the timer number (REC1~3) you want to check and press **ENTER/YES**.

The last settings will be displayed.

Just a word

When recording from the radio, the radio station name (page 104)

D. If the station name is not given, the frequency) is at the start. Time is recorded in the MD along with the end time.

Please note

- Cannot be used at the same time as the daily timer
- Sen.
- Power will automatically turn on approximately 30 seconds before the start time.
- vinegar. From the time the power is turned on until the start time, what?
- Do not operate either. Is the timer working correctly?
- It may disappear.
- For MD that has never recorded, what is the start time?
- It will not be recorded for about 15 seconds.
- The power is already on about 30 seconds before the start time
- The recording timer does not work and the recording does not occur.
- During recording, the volume will be minimized.
- When recording to MD, if the group function is activated and timer recording is set, if no group is specified, create a new group and record.

(continued)

Diagram of the front panel of the oven. Callout 3 points to the digital display and control buttons. Callout 4 points to the oven door handle. Callout 5 points to the power cord and plug.

2 Insert MD for recording

レコード レック イット
Press REC/REC IT

The MD will be in a recording pause state.

5 MDAll press

Recording begins.

Press • on the MD
to stop recording.

Just a word

- Smart Space/Auto Cut (page 55) and Time Machine Recording (page 51) are also available.
- This unit has a built-in sampling rate converter.

Therefore, regardless of the frequency of the sound source being recorded (32kHz, 44.1 kHz, 48.0 kHz), audio from digital equipment can be digitally recorded to the MD.

before unplugging the power outlet

Recording to MD is completed by writing recording information to TOC. Writing to the TOC is done when the MD is ejected or turned off. TOC Before writing, do not unplug the power plug from the outlet while writing ("TOC" lights up or blinks). Recording information is not recorded correctly.

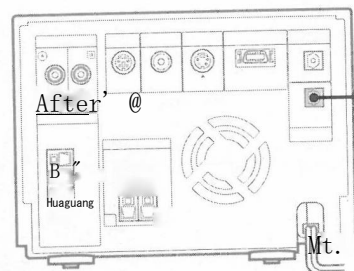
Record from this unit
to a digital device

Use a DIGITAL connection cable (square type, sold separately) to connect the DIGITAL OUT (PCM/DTS/DOLBY DIGITAL) output terminal and the DIGITAL OUT (PCM/DTS/DOLBY DIGITAL) output terminal, sold separately.

By connecting the optical digital input terminal of the digital device, you can connect the DAT deck or MD from this unit.

You can record digitally to a deck, etc.
Please also refer to the instruction manual
of the connected digital device.

"DAT decks, MD decks, etc.



1 Digital connection cable (square type, separate

connect sales)

2 Press **FUNCTION**
repeatedly to display
"DVD" or "MD"

3 connected digital devices such as DAT decks

Start Recording Tal Equipment

4 Press DVDAll or MDAll

Please note

- For DVDs whose copying is prohibited, you cannot make digital recordings.
- Audio from a disc recorded using the Dolby Digital method is not digitally recorded as it is on a DAT deck or MD deck, but is downmixed to 2ch before recording.

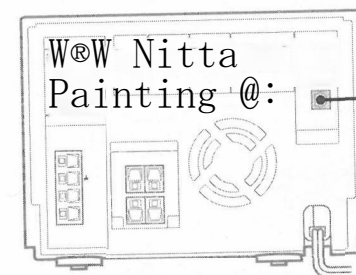
Connect an amplifier sold separately to enjoy 5.1 ch

By connecting the DIGITAL OUT (PCM/DTS/DOLBY DIGITAL) output terminal to the optical DIGITAL input terminal of the AV amplifier with DOLBY DIGITAL or DTS decoder, which is sold separately, you can enjoy 5.1 ch audio using the function of the amplifier. Connect 6 speakers to an amplifier

Come on.

For speaker placement, please also refer to the instruction manual of the amplifier to be connected.

AV Amb with Decoder



Just a word

- The recommended surround effects for this connection are 5. 1 ch Dolby Digital audio with an amplifier (page 137) or 5. 1 ch DTS audio with an amplifier (page 138). You cannot enjoy the surround effect of this unit.

The BGMD function allows you to play MD and DVD at the same time.

use equipment sold separately

cassette deck, le code player connect

Connect using an audio connection cord (sold separately). The analog audio of the connected device is recorded analog to MD.

Please also refer to the instruction manual for the connected device.

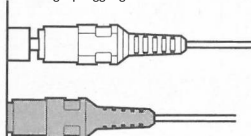
Sai.

Insert audio connection cord (sold separately)

How to include it

When connecting other AV equipment using the Audio Connection Cord (sold separately), please insert the plug of the cord firmly all the way. There is no sound unless it is plugged in securely.

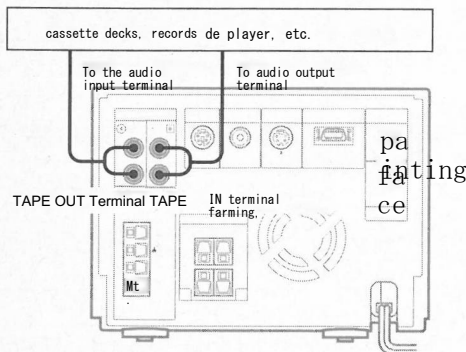
"There is not enough plugging in."



t-plug it in here

TAPE N (input) terminal and TAPE OUT of this unit to connect a cassette deck (TC-TX21, etc.) and record player (sold separately)

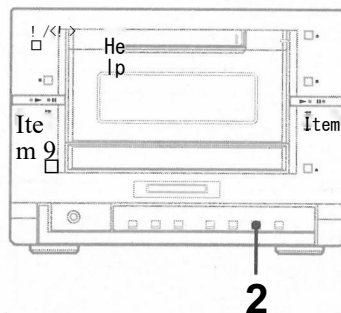
Connect to the (output) terminal.



Just a word

- ④ and times on the input and output terminals are marks for connection guidance to the cassette deck (TC-TX21, etc.) sold separately.
- Records without built-in equalizer amplifier
When connecting a player, connect an equalizer (commercially available) between this unit and the player.
Check with the manufacturer of the player you are using to determine whether an equalizer is required.

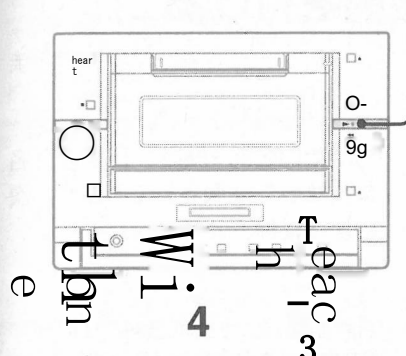
listen to the sound of connected equipment



1 Preparing the analog device side The MD will be in a recording pause state.

2 Press **FUNCTION** repeatedly to display **FTAPEJ** You can hear the sound of the connected analog device.

record the sound of connected equipment



1 Prepare the analog device side

2 Insert MD for recording

3 Press **FUNC** repeatedly to display **FTAPEJ**

Profit Record Reckit

4 **REC/RECIT** press

5 **MDAll** press

Recording begins.

6 Start playing the sound source you want to record

stop recording

Press the MD.

before unplugging the power outlet

Recording to MD is completed by writing recording information to TOC.
It will be. To write to TOC, remove MD.

This is done when you turn off the power. Before writing TOC, During writing ("TOC" lights up or flashes), turn off the power supply.
Do not unplug the plug. Recording feelings

The report is not recorded correctly.

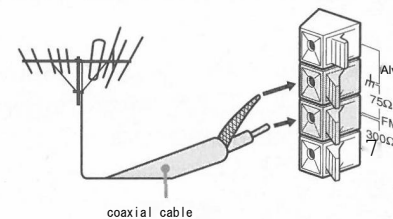
5 Commercially available external antenna

connect

I hook it up when I can't get it well with the included antenna.

Connect an FM antenna

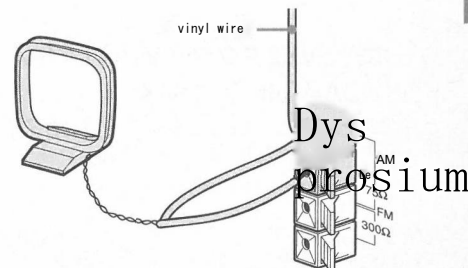
Connect a commercially available FM outdoor antenna.



Connect an AM antenna

A commercially available 6-15 m vinyl wire is stretched as high and horizontally as possible by the window or outdoors. Leave the included AM loop antenna connected.

vinegar.



connect the earth

Please do not connect to the gas pipe including A d.

When erecting an outdoor antenna, be sure to connect it to earth to prevent electric shock in the event of a lightning strike. A commercially available vinyl wire is connected to the antenna's ground terminal (⌋) and one end is connected to a copper metal rod and buried in the ground, or connected to a steel pipe water pipe.

use equipment sold separately

Prepare your keyboard

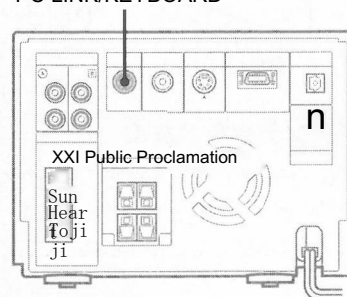
Please use keyboard KB-10 (sold separately) or one with PS/2 interface for old M * PC compatible devices. **

* IBMはInternational Business Machines Trademark of the Corporation.

** Please use one with 120mA or less.

Please note
Depending on the usage environment, noise may enter the AM radio.

PC LINK/KEYBOARD



Connect the KEYBOARD connector to the PC LINK/KEYBOARD terminal

It can be connected even if the unit is powered on.
I will come.

Just a word
The keyboard cannot be used if the unit is not turned on.
I don't.

use the keyboard to name

Using the keyboard, you can easily enter and edit names.

1 Depending on the name you want to give (song name, disc name, or radio station name), operate as follows

When naming a song
Switch the function to MD to display the song number you want to name.
When naming a disk to an MD
Switch the function to MD.
Total number of songs (when the group function is working)
G displays the total number of groups).
When naming a radio station
The function is switched to FM or AM to display the preset number of the radio station to be named.

2 Press the [Enter] key on the keyboard

vinegar

The character input screen appears and the cursor flashes.
I will.

3 Enter a name

See the table below for editing operations while typing.

4 Press the [Enter] key on the keyboard

vinegar

After "Complete!" is displayed for a few seconds, select the song name, disc name or radio station.

The name will be displayed.

Edit operation during input

operation	key to use
Stop naming halfway [Esc] key	
Caps Lock key for uppercase alphabet input and lowercase alphabet input	
change	
Input in katakana	[Katakana · Hiragana] key
Move the cursor to make	[Caps Lock] Keys
alphabetical input	[1] key or [→] key
erase characters on cursor	Delete key
Erase the characters in front of the cursor	[Back Space] key

Just a word

When the group function is working, you will be given a group name. In step 1, select the group you want to name.
Select.

Enter in Roman characters to display katakana (Roman kana conversion)
After "Name using the keyboard", use the following steps to activate the Roman kana conversion mode.

1 Press the [Katakana · Hiragana] key to press the force.
Make Takana input.

2 Press [Alt] + [Katakana · Hiragana] keys
vinegar.

3 Conversion to the katakana you want to input is performed automatically every time one katakana character is confirmed. Roman characters being converted can be deleted and corrected with the [Back Space] key. For more information on the compatibility of romaji and katakana, please refer to "romaji/katakana support list" (page 140).

To disable the Roman kana conversion mode, press [Alt] + [Katakana · Hiragana] again in step 2.

Use the keyboard to operate the unit

You can operate this unit without using this unit or a remote control.

Button or Function	key to use
MDA	A1] Key
MDII	A2] Key [
MD	F3] Key [
DVD DVD	F5] Key
	picture key
DVD	A7] Key
TUNER/BAND	A9] Key
◀◀/Tuner Preset -	[F10] Keys
▶▶/Tuner Preset +	[F10] key
DISPLAY	[F12] key

Precautions for use

Precautions during installation

- When the volume is increased during use, the speed of the fan built into this unit will automatically increase to reduce the temperature rise of this unit. For efficient heat dissipation, leave a sufficient gap behind the unit and do not place objects on the top.
- Placing something that generates magnetism (health equipment, toys, etc.) near the speaker will cause color unevenness on the TV screen due to interaction. Please pay attention to the installation location.

Heat dissipation during use

- The temperature of the main unit may rise during use, but this is not a malfunction.
- If you continue to play at high volume, the top, side, bottom, and ventilation holes of the main cabinet will become quite hot. In such cases, do not touch cabinets. It can cause injuries such as burns.
In addition, in equipment that is equipped with an air-cooling fan to avoid temperature rise during operation, if the area near the fan vent is blocked and used, the temperature of the equipment will rise and cause failure.
- The top plate of this unit may become warm even though the power is turned off, but this is not a fault. As long as the power cord is plugged into an outlet, some current flows to this unit even when the power is turned off. They are used for waiting for remote control operation and timer operation.

About TV Color Unevenness

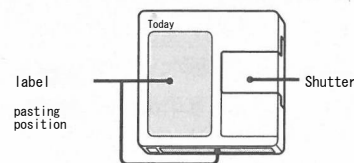
The speaker of this unit is anti-magnetic (JEITA *) type, so it can be used next to the TV, but color unevenness may occur depending on the type of TV. If color unevenness occurs, turn off the TV once and turn it on again after 15-30 minutes. If color unevenness still persists, move the speakers further away from the TV. * This is an abbreviation for the Electronics and Information Technology Industry Association.

Precautions when moving

- Be sure to remove CDs, DVDs, and MDs. If you move it with it inside, you may not be able to get it out.
- Before moving, make sure the power is turned off and all operations are finished.

How to handle MD

- If you try to force open the shutter, it may break. If the shutter has opened, close it immediately without touching the internal disk directly.
- Do not put the label attached to the disc anywhere other than the designated area, such as around the shutter. Be sure to stick it in the recess for labels. The shape of the indentation depends on the disk.



- Periodically wipe off dust and dirt from the surface of the cartridge with a dry cloth.
- Do not place in direct sunlight, in a car or trunk, or in a hot place.

How to handle discs

- Do not affix or damage paper, stickers, etc.
- Only CDs and DVDs that can be used with this unit are circular discs. Using a disc with a special shape other than circular (star, heart, card, etc.) may cause this unit to malfunction.
- For normal care, use a soft cloth to lighten the CD from the center to the outside. If the stain is severe, wipe with a slightly damp cloth and then wipe off the moisture with a dry cloth. Do not use benzene, record cleaners, antistatic agents, etc.
- Do not place it in direct sunlight, in a car or trunk, or in a high-pitched place.
- Used or rental discs, such as stickers
Do not use discs with glue sticking out or sticking to them. The disc may stick inside the player and cannot be removed, or the player itself may malfunction.

Precautions when playing CD-R/CD-RW

Discs recorded on CD-R/CD-RW drives may not be playable due to scratches, dirt, recording conditions, characteristics of the recorder, etc. Also, discs that have not been finalized to record end information at the end of all recording cannot be played.

How to care

To remove stains on cabinets and panels, use a small amount of neutral detergent solution. Please wipe it with a soft cloth. Shin

Na, benzene, alcohol, etc. will damage the surface.

So, please don't use it.

Beware of afterimage phenomenon (image burning)

Do not leave still images such as DVD menus, title menus, video CD menus, and the setting screen of this unit displayed on the TV screen for a long time. An afterimage phenomenon (image burning) may occur on the screen. In particular, projection TVs are prone to afterimage phenomena (image burning).

System Constraints of MD

MD has several systemic constraints and may present with symptoms such as: Please note that these are not malfunctions.

Even if the maximum recording time has not been reached, "Disc Full!"

Once you record 255 songs, you can't record more.

To add more songs, delete and record unwanted songs
Or use another MD.

Even though there is room for the number of songs (up to 255 songs) and recording time, [Disc Full] is displayed

There are many interruptions such as emphasis information during the song.
Or, if you record or edit repeatedly, it will be treated the same as a song break, and "Disc Full!" will appear regardless of the time or number of songs.
Will be shown.

when editing [Group Full!] is displayed

- Perform editing operations when the group function is working
"Group Full!" may be displayed.

vinegar. In this case, the number of characters required for group management is not
I'm adding it. Disk name, group name, etc.

Please remove the required characters.

- MOVE even when the group function is not working

When you perform editing operations such as DIVIDE, the group pipe
Since the management information is updated, "Group Full" and table"
It may be shown.

Deleting a song does not increase the time left to record a disc

Ignore 12 seconds * or less when displaying the remaining time you can record a disc. For this reason,
how many short songs are deleted?
Even so, the remaining time you can record may not increase.

vinegar.

* During stereo recording. (When recording manually, LP2 stereo
Approximately 24 seconds, 48 seconds when recording in LP4 stereo)

Continue to the next page

MD system constraints (cont 'd)

don 't connect songs

Songs created by editing may not be connected.

The sum of the time recorded on the disc and the remaining time does not match the maximum recording time

Typically, recordings are recorded on disk in approximately 2 seconds * as the minimum unit. Even if it 's less than 2 seconds *, it actually uses 2 seconds * minutes of space. Because of this, you have less time to actually record. Also , if there is a scratch on the MD, it automatically removes that part, so it takes less time to do that.

* During stereo recording. (About 4 seconds for mono, LP2 stereo recording, about 8 seconds for LP4 stereo recording)

Fast forward and rewind while playing an edited song, the sound breaks

Fast forward while playing, and play faster than normal when rewinding. For this reason, short songs are distributed over the disc. If you do, it may take time to search and the sound may be interrupted. There is.

The song number does not go to the beginning of the song

Even during level synchronization recording, the song number may not be at the beginning of the song next time.

- The song interval is short and falls below a certain level for less than 2 seconds.

- when
- When the level falls below a certain level for more than 2 seconds even in the middle of a song.

- When recording a song of less than 4 seconds *

- * Stereo, mono, LP2 stereo recording. (LP4 stereo recording, 8 seconds or less)

Extra songs are made

If there are long intervals between songs on a CD , extra songs may be made.

RAIL SERIAL COPY MANAGEMENT SYSTEM FOR COPYING DIGITAL AUDIO

In digital audio, audio signals are exchanged digitally. These include compact discs (CDs), mini discs (MDs), digital audio tapes (DATs), and satellite digital music broadcasting. These allow you to copy music easily and with little degradation. For this reason, copy regulations to protect the copyright of music software have become necessary. That is the "serial copy management system". The design of this machine complies with this system. The summary is as follows.

Principle 1

Digitally recorded material cannot be digitally recorded to other digital recording equipment (such as MD or DAT decks).

Principle 2

The analog recording can be digitally recorded only once to another digital recording device.

Please note

- Digital recording cannot be performed from the CS/BS tuner.

There is. This is the broadcast channel on the broadcasting station side. Places where digital recording of programs is prohibited or restricted

This is because there is a case.

- Connect the analog input and output terminals of the device to generate analog

When recording, the above principles do not apply.

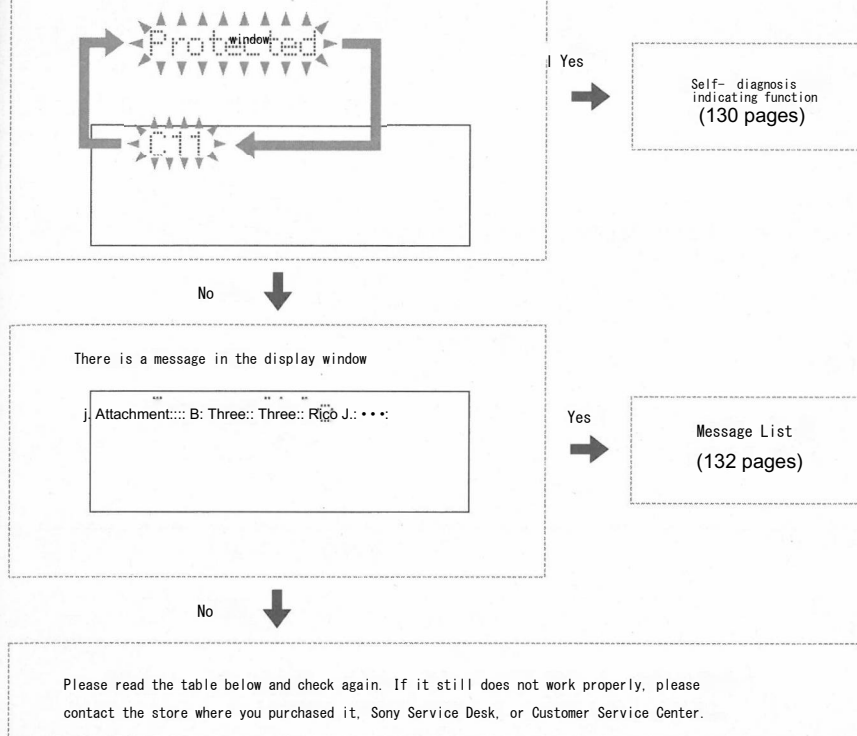
- Copy control signals to protect copyright

Removal, modification and copying is prohibited by law, even for personal enjoyment.

Is it a malfunction? When I thought

Before sending it in for repair, please check it according to the steps

below. A 3-digit display and a message alternately appear on the display



Common

Causes of symptoms and how to deal with them

Even when the power is turned off, the display demo display is displayed.

Windows and buttons repeatedly Press DISPLAY repeatedly while the power is turned off to DISPLAY the clock and reduce power consumption.

Switch to lighting or flashing mode.

The clock setting has been canceled due to unplugging the power cord that displays ". -: 1." or a power failure. Reset the clock now (page 13).

Continue to the next page

So
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Symptoms	Causes and how to respond
no sound	The volume is small. <u>C. Press volume +.</u> Headphones are left on. Now unplug the headphones. • The speaker is not connected correctly. • The vinyl part of the speaker cord is digging into the speaker terminal. <u>Now reconnect the speaker cord correctly (page 9).</u> The BGMD function is working without the MD disk. <u>Now press BGMD to turn off the BGMD indicator.</u>
The sound is strange	The + / - of the speaker cord is not connected correctly. <u>Now reconnect the speaker cord correctly (page 9).</u> The height and distance of the left and right speakers are extremely different. <u>Also, make the height and distance as symmetrical as possible.</u> Two or more speakers are connected to one speaker terminal. <u>-> Connect to one speaker terminal with one included speaker.</u> Connecting speakers other than the included speakers. <u>Now connect the included speakers.</u>
noisy	It is installed near equipment that makes noise, such as <u>televisions and videos</u>. <u>Install it away now.</u> Connect to the same power outlet as noisy appliances such as refrigerators. Now connect to another power outlet. <u>Now use the power line noise filter (commercially available).</u>
Timer cannot be set	The clock is not set. • The clock setting was canceled due to a power outage or other factors. Reset the clock now (page 13).
Timer not working	I did not set the timer to work before turning off the power. <u>Now press the clock/timer selection to light "DAILY" or "FREC1 (~3)" in the display window (pages 106, 108).</u> The wrong time is set. • Check the settings and set the correct time (pages 106-108). The timer on the connected device (sold separately) has not been set. 4 Look at the instructions of the connected device and set the timer at the same time.

Causes of symptoms and how to deal with them

There is an obstacle between the remote control that can be operated by the IJ Mo con and the main body.

st
om
ac
h

6 Remove obstacles.

The distance between the remote control and the main body is too far.

Get close and operate.

The light emitting part of the remote control is not facing the main body. Now point the remote control at the main unit.

The battery in the remote control is dead.

Replace the dry battery (AA).

There is an inverter type fluorescent lamp near the main body.
Now install the main body and the fluorescent lamp separately.

Operation from the keyboard The keyboard is not connected correctly.

Unplug the KEYBOARD connector and connect it to the PC LINK/KEYBOARD terminal on the back of this unit again.

This unit is not powered on.

Turn on the power of the unit.

Nothing is displayed in the display window The backlight of the display window is switched to "Off".

I can't

Now press the damper on the remote control repeatedly.

DVD, CD · Video CD

Symp
toms

Causes and how to respond

The disk tray is closed and the disk is not in the center of the tray.

I don't

Now put the disc back in the center of the tray.

I tried to force the disc tray in.

Now the tray must press 2DVD to close. If you try to push it in by hand, the cause of the failure will be

It will be a cause.

Because glue protrudes from stickers that do not allow the disc to come out, or because a disc with glue on it was inserted,

The disk is stuck inside or the stuck disk falls inside.

It's stuck.

Please contact your nearest Sony service representative.

----- The disc was caught inside due to vibration such as moving the unit while the disc was still in place.

4 Please contact your nearest Sony service office.

Continue to the next page

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Symptoms	Causes and how to respond
Playback does not start	The disc is not in. <u>6 Open the disc tray and check if there is a disc in it.</u>
	The disk stains (oil film, fingerprints, etc.) are terrible. <u>Wipe the Dirt Now (p. 118).</u>
	The disc is badly scratched. <u>Replace the Udisk.</u>
	The disc to be played is of a non-standard size, shape, and recording method. <u>Replace the Udisk.</u>
	The disk is misaligned. <u>Reinsert the disk correctly.</u>
	The disc is inside out. <u>6 Put it back in the tray with the printing surface facing up.</u>
	Dew condensation occurs on the lens inside this unit or on the disc inserted. Now take out the disk, wipe the moisture off the disk, and wait for several <u>hours with the unit turned on.</u>
	The disc is not playing. <u>» Press DVDAll to play.</u>
	I have a DVD with a region number that cannot be played on this unit. <u>Now you can only play DVDs that contain "All" or "2" in the region</u>
	number. Custom viewing restrictions are working. <u>Remove Custom Viewing Restrictions Now (page 89).</u>
make a sound jump	The disk stains (oil film, fingerprints, etc.) are terrible. <u>Wipe off the dirt (page 118).</u>
	The disc is badly scratched. <u>Replace the disk.</u>
	The disc to be played is of a non-standard size, shape, and <u>recording method. Replace the disk.</u>
	Vibration is applied to this unit. Now try installing it in a place where there is no vibration (such as on a stable stand). Now separate the speaker and this unit, or install them on separate stands. If you are listening to a low-pitched song at high volume, the sound may be <u>skipping due to the vibration of the speakers.</u>
Playback does not start from the beginning of the disc	Program playback or shuffle playback is set. <u>Now press Play Mode/Tuning Mode repeatedly to return to normal</u>
	playback. Resume playback is now. <u>Press the button on the DVD to start playback (page 33).</u>
	It contains a screen that automatically displays the title menu, DVD menu, and PBC menu screens. Proceed with playback according to the menu.

DVD only

Causes of symptoms and how to deal with them

Playback starts automatically There is a DVD that starts playing automatically.

Ru

Please also read the instructions included with the disc.

The reproduction is automatically stopped and a DVD recording an autopause signal is being reproduced.

Ru

Now playback will automatically stop at the autopause signal. Please
also refer to the instructions included with the disc.

You are playing a DVD that prohibits stop, scan, or scan operations.

Low, repeat playback, > Please also refer to the instructions included with the disc.

: Shuffle playback, Pro

Operations such as gram playback

can't make

Screen settings in the desired language The desired language is not displayed in the "Screen
display language" of the "Language settings" screen.

Now select the desired language in "Screen Display Language" (page 99).

You can change the audio language. Multiple audio languages are not recorded on the DVD you are playing, or the audio language is not

No

I am playing a DVD that is prohibited from switching. Please
also read the instructions included with the disc.

Unable to change subtitles Plural subtitles are not recorded on the DVD being played,
or a DVD whose subtitle change is prohibited is being played.

----- Please also read the instructions included with

the disc. You are playing a DVD where subtitles can be erased and the subtitle display is prohibited.

No

Please also refer to the instructions included with the 4 discs.

To solve the problem that a plurality of angles are not recorded in a DVD being watched and reproduced by changing the angle.

Switch the angle when the angle display on the display window is on (page 87).

I am playing a DVD that prohibits changing the angle. Please
also refer to the instructions included with the 6 discs.

Continue to the next page

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Tuner (Radio)

Symptoms	Causes and how to respond
Noise comes in/The broadcast station's band (FM/AM) and frequency do not match during reception.	I don't know -> <u>Setting the bands and frequencies correctly (page 14).</u> The antenna is not connected correctly. <u>Reconnect correctly (pages 9 and 10).</u> - The antenna is not installed in a location with good reception. - The radio waves are weak. Find a place with good reception (such as outside a window) or direction, and re-install it (11, 12 Page). In the case of reinforced bars, steel-framed condominiums, etc., the simple antenna that comes with it may not get enough reception. If you don't get better reception after installing it outside a window, I suggest you hook up a commercially available external antenna. A part of the antenna is folded, bundled, wound, etc. The simple antenna that comes with it now receives the entire surface, so leave the extra parts hanging as they are (page 12). Attach the tip of the simple FM antenna that comes with it to the wall with tape (page 12). The type of keyboard and usage environment are not suitable for this unit. 4 Remove the keyboard. Part of the antenna is bundled together with the speaker cord. <u>Away from the speaker cord as much as possible.</u> The antenna wire of the included AM antenna came off the plastic stand. Ru. -> <u>Please consult your nearest Sony service office.</u> It is affected by electrical appliances. -> <u>Try turning off electrical appliances.</u>
It won't be stereo	Monaural reception is set. » Press REPEAT/FM mode repeatedly to turn off "MONO". Poor reception. » Refer to the symptom "Noise/Unable to receive" and check the status of the antenna. Ru.
While recording on MD, the installation position of the antenna is not appropriate.	
Move the antenna to a position where the noise disappears. enter periodically	

MD

Causes of walking and how to deal with it

The disk does not fit in The orientation of the disk is different.
-> Insert in the direction of the arrow with the side where the arrow is written facing up. Do not accept operation The MD is dirty or damaged.

Now replace with a new MD.

FTOCJ is flashing, and TOC is being written. Now that the "TOC" light is turned off, operate again.

Playback does not start

Disk stains (oil film, fingerprints, etc.), scratches are terrible.

6 Replace the disc.

Nothing is recorded on the disk.

Replace with the disc that is currently being recorded.

Dew condensation occurs on the lens inside this unit or on the disc inserted.

Insert the disk into the unit and wait for several hours with the unit turned on.

The MD is not in the playback state.

Now press MDAII to play.

The group function is activated when there is no song registered in the group.
Press now GROUP to turn off "GROUP" and cancel the GROUP function.

make a sound jump

Disk stains (oil film, fingerprints, etc.), scratches are terrible.

6 Replace the disc.

Vibration is applied to this unit.

Try installing it in a place where there is no vibration (such as on a stable stand).

6 Separate the speakers from this unit or install them on separate stands.

If you are listening to a low-pitched song at a high volume, the speaker will vibrate.

There is a possibility that the sound is skipping.

The temperature difference between the inside of this unit and the disk is large.

Put the disc into the unit and wait 10-20 minutes with the power on.

Playback starts from the first song and becomes program playback or shuffle playback.

Press Play Mode/Tuning Mode repeatedly to return to normal playback. "One OVER-" is displayed

While playback is paused, press and hold AA of the MD until the end of the disc is reached.

Now press < on the MD, or press I < to return to the playback position.

Recording and editing to MD After recording and editing the MD, the power cord was unplugged without taking out the MD. However, the information and MD recording and editing information will be recorded when the MD is taken out, so the recording or editing information will be recorded.

no report recorded

Be sure to take out the MD after editing (pp. 43, 59).

Continue to the next page

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Symptoms	Causes and internal methods
Unable to record	-MD is in an erroneous erasure prevention state ("C11" and FProtectecJ are displayed alternately It has been done). · Remove the disc and make it recordable (page 43). ----- ----- Not connected correctly. · Correctly reconnect the equipment sold separately (pages 111, 113, 114). The sound source is MD. ·» Switch to another sound source. It contains a commercially available MD dedicated to playback. ·» Replace with MD for recording. There is not enough time left for the MD. ----- Delete songs that you do not currently use the ERASE function of MD editing (page 65) or replace them with another MD. ----- There was a power outage or the power cord was unplugged during recording. ----- · Re-record from the beginning. Playing Recorded MD The volume of the recorded sound is set to low (or high). When the sound is small (again), adjust the recording level again (pages 57, 73). is large)

Equipment sold separately

Symptoms	Causes and how to respond
no sound	This unit is not in the correct state. 6 Refer to common "No sound" and check the status of this unit. ----- Equipment sold separately is not connected correctly. Now reconnect correctly while checking the following points (pages 111, 113, 114). · Is the connection cord/cable connected in the correct position? · Is the connector of the connection cord/cable firmly inserted all the way in? · Is the digital connection cable connected? ----- The connected device is not powered on. Turn on the power now. ----- Playback has not started on the connected device. Look at the instruction manual of the device you just connected and start playing. Record player or record player directly connected.
The sound is small	Check if the record player you are currently connected to has a built-in equalizer. If it is not built-in, connect an equalizer (commercially available) between this unit and the player. ----- DIGITAL IN The function is not set to ○ PTICAL IN. (OPTICAL) Press the input terminal function repeatedly to display " OPTICAL IN". of equipment connected to children

If these measures do not work properly.

With the power on, press VOLUME- and REC MODE at the same time while pressing MD.

After the message | TCOLD RESETJ is displayed, the power is turned off.

Settings other than DVDs will be reset to the state they were at the time of purchase. Radio station presets and clock settings

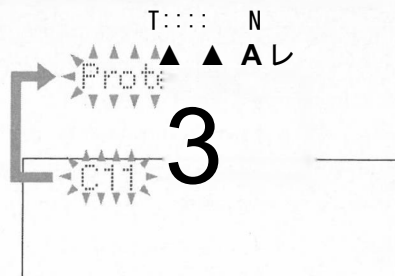
Please reset the timer settings.

On the DVD, select "Set" in step 3 of "Use the settings screen" (page 96) and press OK, then select "Yes" and press OK. It will take a few seconds for the reset to complete. During the reset, it is re. Press (Power) and do not turn off the power.

Self-diagnosis display function (when 3-or 5-digit display and message appear alternately)

This unit has a self-diagnosis display function. This is a function that alternately displays a 3-or 5-digit display and a message on the display window to notify you when the unit is not operating correctly.

The status of this unit can be seen by the display. Please refer to the table below and respond according to the display. If it does not return to normal even after repeating it 2 or 3 times, please contact your Sony service desk.



Display number/ message	Causes and how to respond
C11 /	The disk is in an erroneous erasure prevention state. U Remove the disc and make it recordable (page 43).
Protected C12 / Cannot	-- Record a disc in a format that cannot be played on this unit, such as CD-ROM. It is stated. <u>Take out the disk and turn it on again.</u> I couldn't record it correctly.
Copy C13/REC Error	Install the unit in a place where there is no vibration and start recording again (see "Sound jumps" (page 127) in the MD item "If you think it's a malfunction?"). The disc is badly stained (oil film, fingerprints, etc.) or scratched, or the disc is substandard. * <u>Replace the disc and start recording again.</u>
C13 / Read Error	The disk information could not be read correctly. <u>6 Reinsert the disc.</u>
C14/Toc Error	The disk information could not be read correctly. Try adding other deisk. You can delete All the contents on the disk. You can delete All the recorded contents using the All Erase function of MD editing (page 66).
C41 / Cannot Copy	The sound source I tried to record was a copy of commercially available music software. Or trying to record a CD-R. Now the serial copy management system prevents copying (120 pages). Also, CD-Rs cannot be recorded.

Display number/message Cause and how to respond

C71/Check OPT-IN When it appears momentarily and disappears, it is due to the digital broadcast signal during recording. The recording content will not be affected.

DIGITAL IN (OPTICAL) I tried to record from a separately sold DIGITAL device with nothing connected or not connected correctly to the input terminal.

Now using the DIGITAL connection cable (sold separately), DIGITAL IN

(OPTICAL) Connect digital equipment correctly to the input terminal (page 111). ____

The connected digital device is not powered on.

Check the instruction manual for the digital device you just connected to make sure it is powered on.

DIGITAL IN (OPTICAL) During DIGITAL recording from a device connected to the input terminal, the DIGITAL connection cable is unplugged or the connected DIGITAL device is turned off.

Connect cables or turn on digital

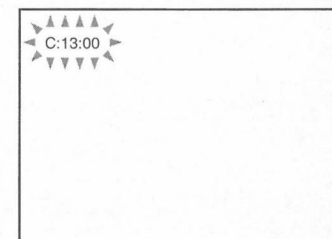
equipment. E0001/MEMORY NG There is a problem with the internal information required to operate this unit.

Please contact your nearest

Sony service representative. E0101/LASER NG There was a problem with the optical pickup.

Now there is a possibility of malfunction. Please contact your nearest Sony service representative.

When the self-diagnosis function works on the DVD, the 5-digit service number (e.g. C13 00) will be displayed on the TV screen and display window. In that case, please respond as follows.



The first three digits of the service number Cause and how to respond

C13	The DVD disc is dirty. <u>Now wipe the disk with a soft cloth.</u>
C31	The DVD disc is not inserted correctly. <u>Reinsert the disc correctly.</u>
EXX (XX is any number)	The self-diagnosis display function worked in order to prevent abnormality beforehand. Please contact your nearest Sony service representative now. Please provide all 5 digits of your service number. Example: E6110

Message List

During use, the message will be displayed in English depending on the situation. The meaning is as follows.

MD

Message	Cause and how to deal with
Auto Cut	During recording, there was no sound for more than 30 seconds, so the automatic cut function between songs was shortened to about 3 seconds, the recording was paused. Press MDA11 where you want to start recording now to resume recording. If you don't want to fill in between songs, disable the Smart Space function and re-record. (56 pages)
Blank Disc	All recorded content has been deleted using Ku-
Cannot Edit	A commercially available playback-only MD is included. The playback-only MD cannot be edited at this time. Program playback or shuffle playback. > Press Playback Mode/Tuning Mode repeatedly to return to normal playback. MDLP is recorded. The recording level of MDLP recorded songs cannot be changed. It
Cannot REC	contains a commercially available playback-only MD. > You cannot record to a playback-only MD. The function is MD. 6 Press Function and select the recording source (other than MD).
Complete!	The MD editing work has been completed successfully. Today-
Disc Full!	Recording is not possible because there is little recording time left. Now replace it with a new disk.
Eject	4
Group Full!	I tried to create a new group by exceeding the upper limit of the number of groups. Alternatively, the number of characters required for updating the group management information is insufficient. Now delete the unnecessary characters (disc name or song name).

Message	Causes and how to respond
Impossible	In the MD editing operation, impossible editing content has been specified. >> Redo the editing operation. The song I tried to Combine cannot be connected due to MD system constraints. You cannot edit it as specified now. In MD, one song is not recorded consecutively. It records efficiently while searching for an empty space on the disc. With this recording method, MD can easily record and edit again and again. However, in MD, which has been recorded and edited many times, one song is on the disc. Sometimes a state of being recorded little by little is created here and there. Songs recorded in such a state will be deleted from the MD system. It cannot be connected to other songs due to approx.
Incomplete!	Vibration of the main unit, scratches, dirt, etc. may cause changes in the Fading/fade-out operations were not performed correctly. Now place the unit in a place where there is no vibration, or use a disc that is free from scratches or stains. Ru.
Initialize flashes	I haven't turned it on for a long time, so I'm initializing it. Today-
Name Full!	The number of characters that can be entered (about 1700 characters) is already recorded. Delete the song title you don't need now, and then re-enter it. When changing the
No Change	recording level after recording, press ENTER/without changing the recording level. Because I pressed YES, it ended without rewriting. Today-
No Disc	The disc is not inserted. Today-
—OVER—	During playback pause, press and hold AA on MD to reach the end of the disc. -Press and hold «on the MD, or press to return to the play position.
Push STOP!	While playing MD, you pressed the playback mode/tuning mode. You cannot change the playback mode during playback. Press MD to stop playback Press Playback Mode/Tuning Mode. MD editing of
—Rehearsal—	A-B During Erase or DIVIDE operation, after finishing specifying the location to DIVIDE the song, etc., playing for confirmation. Listen to what is currently being played and check the parts that are divided (pages 67, 69).
S.FEdit!	S.F EDIT (changing the recording level after recording, fade in and fade out) I tried to do other operations during the line. No other operations can be performed while S.F EDIT is running.
S.F Edit NOW	S.F I/O (Power) was pressed while executing EDIT (changing the recording level after recording, fade in/fade out). If the power is turned off while executing S.F EDIT, the rewrite will not finish normally. Turn off the power after the rewrite is completed. However, if you turn off the power during rewriting, I/O will be reset during message display. Press (Power).

Message cause and how to respond

During Smart Space recording, there was silence for more than 3 seconds and less than 30 seconds, so the Smart Space function worked and the silent part was shortened to about 3 seconds.

If you don't want to fill between songs right now, disable the smart space function (page 56)

J) _

Step Full! Twenty-five tracks are already programmed.
Delete the songs you don't need now, then reprogram them (page 30).

Text Protect There is information in the CD text that cannot be recorded to the MD.
Now press NAME EDIT/SELECT and then press ENTER/YES
to record the song title of the song you are recording.

TOC Reading Reading information from the disk.
Please wait until the display disappears.
Do not vibrate the unit until the display goes off. Read the information correctly
You won't be able to take it.

TOC Writing Recorded and edited information is written to a disk.
Please wait for a while until the display disappears.
Do not vibrate the unit until the display goes off. The information is written correctly
You won't be able to put it in.

Track End Reach the end of the song while adjusting the position of dividing the song during MD editing
DIVIDE operation.
Ta.
Now press I <◀ on the MD to change the position (page 69).

Tr Protect He tried to erase a song that was banned from erasing.
Today-

DVD

Message cause and how to respond

No Disc The disc is not inserted.
Today-

Push STOP! Press Play Mode/Tuning Mode while playing DVD.
You cannot change the playback mode during playback. Press • on the
DVD to stop playback, then press Playback Mode/Tuning Mode.

Cannot Use I pressed the invalid
button. Today-

Tuner (Radio)

Message cause and how to respond

WAIT Switching functions to radio. Ku-

Warranty and after- sales service

warranty

- This product comes with a warranty card, so please purchase it.
Please pick it up at the store where you purchased it.
- Please fill in the prescribed information and
check the contents, and save them in a safe place.
- The warranty period is one year from the date of purchase.

After-sales service

If you are not feeling well, check first
Please take another look at this manual to find out.

If you still feel unwell, go to the service
Please consult the store where you purchased the product or the
nearest Sony service counter in the attached "Sony Consultation
Counter Information".
Come on.

Repairs during the warranty period

We will repair it based on what is stated in the
warranty. Please refer to the warranty for details.

Repairs after the warranty period

If the repair can maintain its functionality,
we will repair it for a fee upon request.

Regarding the retention period of parts

We have been discontinuing production of stereo repair
performance parts (parts necessary to maintain product
functionality) for 8 years after discontinuing production.
It is held between. This part retention period will be the
period during which repairs can be made. Even after the
retention period has passed, some defective parts may be able to
be repaired, so please consult the store where you purchased it
or the service counter.

Replacement of parts

This product may reproduce and reuse parts
replaced during repair. At that time, we will
collect the replaced parts.

When you consult with us, please let
us know:

- Model Name: CMT-P555DVD
- Fault status: As detailed as possible
- Status of self-diagnosis function:
- Disc that was playing when it failed:
- Purchase date:
- Purchase store:

Main Specifications

Bulk (HCD-P555)

Amplifier	
section	25W +25W (JEITA * 6Q load)
practical	Tape: 250mV, 47kC Digital Optical (Supported Sampling Frequencies 32kHz, 44.1 kHz, 48kHz)
maximum output	Tape: 250mV, 1kQ PHONES terminal: Stereo mini jack, 8Q or higher
input terminal	Digital optical output level: -18 dBm Emission wavelength: 660nm
Monitor output terminal (video)	Pinjack, Maximum output calor level: 1.0 VP-P, Load impedance: 75Q synchronous negative
terminal	Monitor output terminal (S video) 4 pin mini DIN, Maximum output level Luminance signal I. 0VP-P, load impedance 75c synchronous negative Color signal 0.286 VP-P, load impedance 75c termination
Monitor output terminal (D video)	D terminal, Maximum output level Y: 1.0 VP - P. Load impedance 75Q Negative for the same period CB/B-Y, CR/R-Y: 0.7 VP-P, load impedance 75Q termination
DVD player unit	
Form	CD/DVD player
Signal mode	JEITA * standard, NTSC color system
Frequency	DVD: 2Hz - 22kHz CD 2Hz-20kHz
characteristic MD	
deck section	MINIDISK DIGITAL AUDIO SYSTEM
format	Sampling frequency 44.1 kHz
Frequency characteristics	5 Hz to 20 kHz Tuner section
reception	Frequency modulation: 76-90MHz AM : 531-1,602kHz
frequency	FM : 75c Unbalanced/3000 Balanced AM: External antenna terminal
antenna	
terminal	

Speaker System (SS-CP555)

Type	2-way bass reflex type
Speaker used	Woofer (for bass) 12cm cone-shaped togerater (for treble) 2.5 cm balance drive Impedance: 6Q
Other	
Power	AC 100V, 50/60HZ
Genem	70WNormal Action (JEITA*) Approximately 0.2 W standby (low power consumption standby mode)
Maximum outer dimensions maximum protrusion)	(width x height x depth, including Amplifier/CD Player/MD Deck/ Tuner: 190X141 x 325mm Speaker system part: 150 x 250 x 240mm Amplifier/CD Player/MD Deck/ Tuner section: 5.6kg Speaker system section: 3.0kg (1 set)
Quality	Remote Commander (1) AA dry battery (2) Speaker Cord (2) Video Connection Cable (1) Simple antenna for FM (1) AM Loop Antenna (1) First reading 6 (1) Collection Instructions (1) For safety (1) Information about Sony Consultation Desk (1) Warranty (1) Technical Information Center (1)
Subsidiary	
Accessories	PC Connection Kit sold separately Keyboard KB-10 Cassette Deck TC-TX21 Accessories sold separately for this unit are subject to change without notice. For more information, please contact the store where you purchased the product, Sony Service Center , or Customer Service Center.
Please note that specifications and appearance are subject to change without notice for improvement.	
* Measurement according to JEITA (Electronics and Information Technology Industry Association) standards It's a value.	

Explanation of terminology

Index (CD) /Video Index (Video CD)

One that divides one track into several
parts and numbers it to make it easier to
find the part you want to play. Some disks
are not indexed.

Viewing age limit (88 pages)

A DVD function that restricts the playback of discs
corresponding to viewing age restrictions in accordance with
the regulatory level of each country. The mode of restriction
varies depending on the DVD, and there are cases where playback
cannot be performed at all, cases where an extreme scene is
skipped, or cases where playback is replaced with another scene

Scene

A PBC (Playback Control) compatible
video CD that separates menu screens,
movies, and still images.

Title

The largest unit of video or song recorded
on DVD. Usually, it corresponds to one
movie in video software, and one album (or
one song) in music software.

Region code (page 5) A system established for the
purpose of copyright protection. A region number
is assigned to a DVD player or a DVD disk
according to a sales region, and the respective
region number is displayed on the player body and
the package of the disk. It can be played when the
region numbers of the player and the disc match.
Disks with displays can be played on any player.
Note that even DVDs that do not display a region
number may be region-restricted.

Chapter

At the break of a video or song recorded on a DVD,
A unit smaller than the title. One title
consists of several chapters. Chapter
Some discs are not recorded.

Truck

Video CDs and videos and songs recorded on CDs
Break (for one song).

Dolby Surround (ProLogic)

Dolby Laboratories has developed surround sound
Audio signal processing technology developed for. Entry letter
When there is a surround signal in the signal, it performs
prologic processing and outputs the signal to the front,
center, and rear. The rear channel becomes mono.

Dolby Digital

Digital audio compression technology developed by
Dolby Laboratories. 5.1 Channels · Surround
It is responding. The rear channel is stereo.
The subwoofer channels are output independently
. Like Dolby Digital Cinema Audio
High-level digital audio with 5.1 channels
It can be shattered. All channels are completely separated
Since it is recorded in the state of
It has the advantage of good ration and is all delivered
digitally, so it is less likely to deteriorate.

Virtual Enhanced Surround (VES) (75 pages)

Sony-developed surround technology concept
Name. You can enjoy DVD surround sound only with the
included front speakers. There are actually no speakers
However, it seems like multiple speakers were placed in the rear.
You can enjoy the sound field.

Continue to the next page

Bitrate (95 pages)

A value indicating the amount of information per second of an image and audio compressed and recorded on a DVD.

The unit is the image field

-Mbps (Mega bit per second), 1Mbps

is 1,000,000 information per second.

Represents that it is a bit. In the case of audio

, the unit is kbps (kilo bit per second)

The larger the value, the larger the amount of information, but it is not necessarily directly related to image quality or sound quality.

D image signal

Digital TV with D terminal and one cable

Since component video signals can be easily connected, an image of higher image quality is obtained. The D terminal has D1, D2, and D3 terminals depending on the corresponding signal format.

• D1 terminal: Supports 525i (480i) signals

• D2 terminal: 525i (480i) and 525P (480p)

Respond to signals

• D3 terminal: Supports 525i (480i), 525P

(480p), and 1125i (1080i) signals

This unit is compatible with D1 terminal.

* i stands for interlace, p stands for progressive. The number in parentheses is another name when counted by the number of effective scanning lines.

DVD

A disc with the same diameter as a CD that can record up to 8 hours of video.

One layer on one side can record 4.7 GB (Giga Byte), seven times more information than a CD, 8.5 GB with two layers on one side, 9.4 GB with one layer on both sides, and 17GB with two layers on both sides.

For image recording, MPEG 2, one of the global standards for digital compression technology, is adopted, and video data is compressed to about 1/40 (average). In addition, a variable rate coding technique for changing the amount of information to be allocated in accordance with the state of the image is also employed. Audio information can be recorded using Dolby Digital in addition to PCM, and more realistic audio can be enjoyed.

Various additional functions such as multi-angle, multi-language, and viewing age restrictions are also available for a more advanced enjoyment.

DT8

Digital audio compression technology developed by Digital Theater Systems. 5.1 channel Supports surround sound. The rear channel becomes stereo, and the subwoofer channel is output independently. You can enjoy high-level digital audio on 5.1 channels.

Since all channels are recorded in a completely separated state, separation between channels is good, and since all channels are delivered digitally, it is difficult to deteriorate.

List of language codes

See pages 85, 87 and 99 for more information.

Language name notation complies with ISO639V988 (E/F)			
code language	code language	code language	Code Language
1027 Afar	1183 Irish	1347 Maori	1507 Samoan
1028 Abkhazian	1186 Scots Gaelic	1349 Macedonian	1508 Shona
1032 Afrikaans	1194 Galician	1350 Malayalam	1509 Somali
1039 Amharic	1196 Guarani	1352 Mongolian	1511 Albanian
1044 Arabic	1203 Gujarati	1353 Moldavian	1512 Serbian
1045 Assamese	1209 Hausa	1356 Marathi	1513 Siswati
1051 Aymara	1217 Hindi	1357 Malay	1514 Sesotho
1052 Azerbaijani	1226 Croatian	1358 Maltese	1515 Sundanese
1053 Bashkir	1229 Hungarian	1363 Burmese	1516 Swedish
1057 Byelorussian	1233 Armenian	1365 Nauru	1517 Swahili
1059 Bulgarian	1235 Interlingua	1369 Nepali	1521 Tamil
1060 Bihari	1239 Interlingue	1376 Dutch	1525 Telugu
1061 Bislama	1245 Inupiak	1379 Norwegian	1527 Tajik
1066 Bengali;	1248 Indonesian	1393 Occitan	1528 Thai
Bangla	1253 Icelandic	1403 (Afan) Oromo	1529 Tigrinya
1067 Tibetan	1254 Italian	1408 Oriya	1531 Turkmen
1070 Breton	1257 Hebrew	1417 Punjabi	1532 Tagalog
1079 Catalan	1261 Japanese	1428 Polish	1534 Setswana
1093 Corsican	1269 Yiddish	1435 Pashto;	1535 Tongan
1097 Czech	1283 Javanese	Invasio	1538 Turkish
1103 Welsh	1287 Georgian	1436 Portuguese	1539 Tsonga
1105 Danish	1297 Kazakh	1463 Quechua	1540 Tatar
1109 German	1298 Greenlandic	1481 Rhaeto-	1543 Twi
1130 Bhutani	1299 Cambodian	Romance	1557 Ukrainian
1142 Greek	1300 Chinese	1482 Kirundi	1564 Urdu
1144 English	1301 Korean	1483 Romanian	1572 Uzbek
1145 Esperanto	1305 Kashmiri	1489 Russian	1581 Vietnamese
1149 Spanish	1307 Kurdish	1491 Kinyarwanda	1587 Volapuk
1150 Estonian	1311 Kyrgyz	1495 Sanskrit	1613 Wolof
1151 Basque	1313 Latin	1498 Sindhi	1665 Xhosa
1157 Persian	1326 Lingala	1501 Sangho	1684 Yoruba
1165 Finnish	1327 Lao	1502 Serbo-	1697 Chinese
1166 Fiji	1332 Lithuanian	Croatian	1703Not Zulu
1171 Faroese	1334 Latvian; Lettish	1503 Singhalese	
1174 French	1345 Malagasy	1505 Slovak	specified
1181 Frisian		1506 Slovenian	

List of romaji/katakana support

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					XYI			XYE	

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					es					

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Continue to the next
page

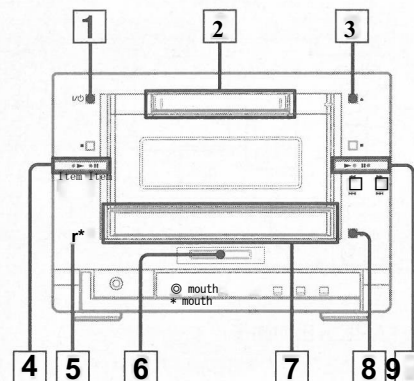
So
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continued) Line C

Ha HA	Hi HI	Fu HU FU	to HE	Ho HO	Hiyahii HYA HYI HYU HYO HYO	Huhiehiyo			
					FA FWA FA	Fi FI frui	Fuu FWU	Fe Fake FE FE FE FE FE FE FE FE	Huo FWO FO
					Fuya FYA		Fu FYU		Fuyo FYO
Ba BA	Bi BI	Bu thi S	Be BE	Bobiya BO	Bibubiehiyo BYA BYI		BYU BYE		BYO
					Vaviv VA VI		VU	Vevo VE VO	
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PAPA ma	Pi PI	Pu PU	Pe PE	Po PO	Pya PYA	Piy PYI	Pyu PYU	Pie Foot	Piyo PYO
line									
ma		Si MU	Me ME	Mo MO	Miyamii MYA MYI		Nyukoe, Yo MYU MYE MYO		
line									
YA		U YU		yo YO	Yal ya XYA		ユ LYU XY		yo LYO XYO
La line									
Fu RA	Ii RI	Le RU	Le RE	□ RO	Rear RYA	Li RYI	Ryu RYU	Lie RYE	Ryo RYO
Wa line									
Wa WA				wo WO	n NN XN				

Name of each part

本機



Field only power supply switch

Turn on/off the power of this unit.

The I/O (power) lamp on this switch turns red when the power cord is connected, and turns off when the power is turned on.

Figure MD slot

WMD (eject) button

Picture DVD All (Play/Pause) button

チューナー バンド
(5) TUNER/BAND Button

It is used for FM/AM switching on the radio.

If you press it while listening to another sound source, the sound source
You can switch to radio and listen to radio broadcasts.

ボリューム
(6) VOLUME + / -button

The volume is loud when you press +, and low when you press -.

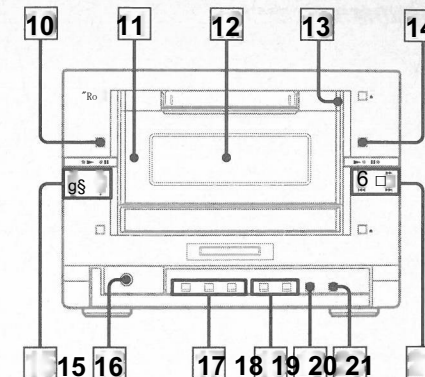
I will.

cluster disk tray

Press the 2DVD button on the right to

open and close it. (8) WDVD (disc tray open/

close) button MMD All (play/pause) button



H • (Stop) button (DVD)

S3 Remote control light receiving unit

When you use the remote control, you point it here.

Over-representation

It displays the playback and recording status of DVDs, CDs, and MDs, as well as disc names and track names. During radio reception, the radio station name and frequency are displayed.

Times BGMD indicator

It lights up when the BGMD function is

working. 33 • (Stop) button (MD)

Solid (DVD), (DVD) <</>

TUNING + / -button

During DVD playback, the next title (or chapter), the previous title (or chapter)

Header (<</> I) button, or title Find your favorite part of (or chapter) (< </>) works as a button.

While playing a CD, press the Next Track, Previous Track (y </aa) button, or Find your favorite place (</AA) as a button. It works.

It acts as a button (+ / -) for tuning frequencies during radio reception.

ホーンズ
surrounding PHONES
terminal

Headphones (sold separately) are connected here.

Continue to the next page

So
of
He

) Same recording button

レコーディングモード

REC MODE Button

Use it to switch between recording modes (stereo recording/ 2x stereo recording/ 4x stereo recording/mono recording).

Record Rec Itt.

REC/REC IT Button

It's the record button.

It is also used when manually assigning song numbers during recording.

シンクロ

CD SYNC Button

It is used for synchronized recording from CD to MD.

ディスプレイ

H DISPLAY Button

Toggle what appears at the top of the display window (preset equalizer name, clock, disc/track/radio station name,

タイム volume, etc.). TIME button

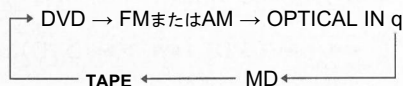
Switch the contents displayed at the bottom of the display window (such as DVD or MD playback time mode).

ファンクション

FUNCTION button

Use it to switch sound sources.

Each time this button is pressed, the sound source is switched as follows.



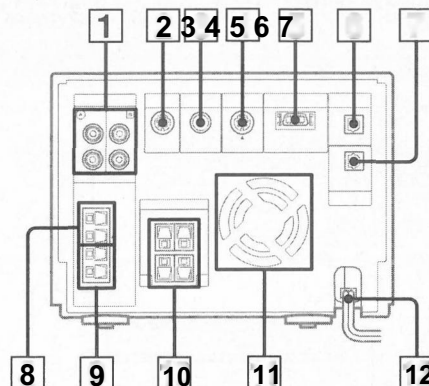
Country BGMD Button

BGMD mode (simultaneous playback of DVD and MD)

Used when switching ON/OFF.

R J + </> (1/2), 1 <</21 (1/2) Buttons During MD playback, it acts as the start of the next song or the previous song (</> </>) button or the search for a favorite part of the song (</> </>) button.

Behind this machine



ET inlet and outlet terminal

Connect to the input/output terminals of the cassette deck. (114 pages)

Link Keyboard

② TC LINK/KEYBOARD端子 3 5

Connect the computer using the Sony PC Connection Kit (sold separately) compatible with this unit. The keyboard is connected here. (116 pages)

video out
Figure VIDEO OUT output terminal

This is the video output terminal. Connect to the video input terminal of the TV. (11 pages)

Draw S-VIDEO OUT Outlet Terminal

S video output terminal. Connect a TV with an S-video input terminal using the S-video cord (sold separately). (11 pages)

Fixed COMPONENT VIDEO Outlet Terminal

D1 video output terminal. Connect a TV with a D video input terminal using the D terminal cable (sold separately). (11 pages)

Solid DI Xialdi load (0 % L) input terminal

Connect to optical digital audio output terminals on digital equipment sold separately, such as other CS/BS digital tuners. (111 pages)

⑦ DIGITAL OUT(PCM/DTS/DOLBY, _ , digital out

DIGITAL) Outlet Terminal

Connect to optical digital audio input terminals such as digital equipment sold separately or AV amplifiers with Dolby Digital or DTS decoders. (113 pages)

AM antenna terminal

Connect the supplied AM loop antenna. (10 pages)

Do not use commercially available vinyl cables if the antenna provided does not provide good reception. (115 pages)

FM antenna terminal

Connect the included simple antenna for FM. (10 pages)

If the included antenna doesn't get good reception, connect a commercially available external antenna. (115 pages)

スピーカー

Back SPEAKER Terminal

Connect the included speakers. (9 pages)

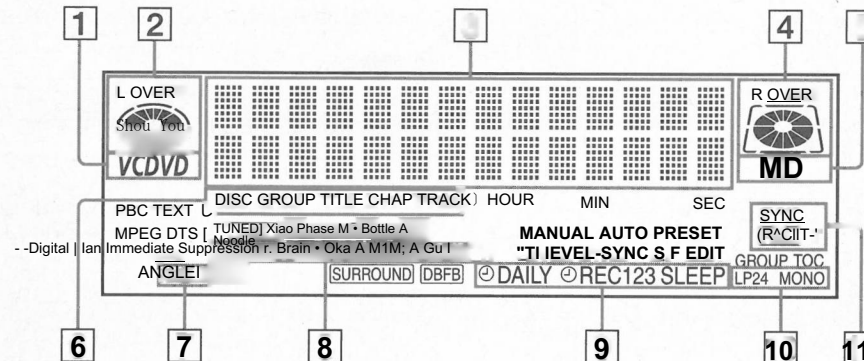
Air cooling fan

The air-cooled fan rotates to dissipate heat efficiently.

times power cord

Plug it into a wall power outlet.

Representati on of



Tian VCD/CD/DVD

Displayed when there is a disc in the unit during the DVD function. When you switch to another function, it may be displayed even if the disc is not in it.

Figure Sound level indicator display

Displayed when there is a disc in this unit during DVD function. When you switch to another function, it may be displayed even if the disc is not in it. Also, when recording or adjusting the recording level, the volume of the recorded sound will be displayed. Adjust so that "OVER" is not displayed.

The above paragraph indicates that

Switch with the DISPLAY button on the main unit or the DISPLAY button on the remote control.

Display preset equalizer name, clock, de' isk name/track name/radio station name, etc.

The lower paragraph represents

Switch with the TIME button on the main unit or the TIME button on the remote control.

Displays function names, radio station frequencies, DVD, CD, MD playback time modes, etc.

vinegar.

Continue to the next page

So of He

Names of each part (continued)

Sound level indicator display

Displayed when MD is installed in this unit. Also, when recording or adjusting the recording level, the volume of the recorded sound is displayed. Adjust so that "OVER" is not displayed.

Zone MD represents

It is displayed when the MD is installed in this unit. It is also used as a sound level indicator display.

ディスク ODISC denotes

Lights up when information about DVDs, CDs, or MDs is displayed.

グループ GROUP denotes

Lights up when information about a group is displayed, such as when the group feature is working in MD.

タイトル TITLE means

Lights up when the DVD shows information about the title.

チャプター CHAP denotes

Lights up when the DVD shows information about the chapter.

トラック TRACK denotes

It lights up when information about the track (song) is displayed.

アングル ⑦ ANGLE denotes

Lights up when multiple angles are recorded on a DVD.

Times DVD, CD, MD playback mode

FSHUFFLEJ is displayed during shuffle playback. "PROGRAM" is displayed during PROGRAM playback, and "REPEAT" and "REPEAT1" are displayed during REPEAT playback.

Timer display

When you set the timer, the type of timer will be displayed with "...".

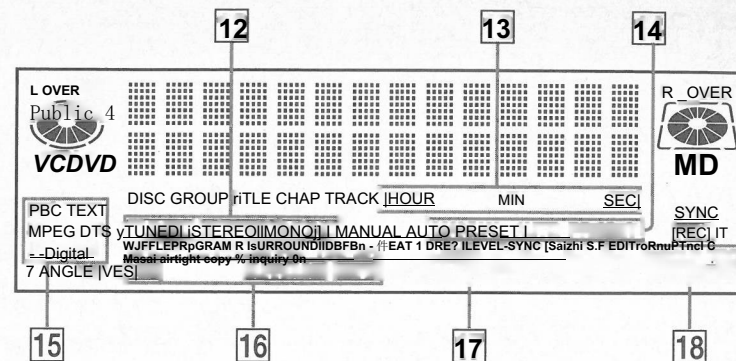
0 Recording mode display

LP2 displays "LP2" when you select stereo recording, "LP4" when you select stereo recording, and "MONO" when you select MONO recording. When you choose stereo recording

"LP2", "LP4" and "MONO" turn off.

03 Recording Representation

"SYNC REC" is displayed during synchronization recording, and "SYNC REC ITJ" is displayed during recording.



02 Tuner reception display

It says "TUNED" when it receives a radio station. When receiving FM broadcasts in stereo

"STEREO", "MONO" is displayed when setting MONO.

03] Elapsed time display

Hours (HOUR), minutes (MIN), and seconds (SEC) light up when displaying elapsed or remaining time for the entire disc, or for a single title, chapter, or track (song).

03 Tuner display

The radio reception mode (manual/auto/preset) is displayed.

surrounding PBC display

Displayed when using the PBC (Playback Control) function on a video CD. TEXT

テキスト denotes

CD Displayed when CD with text. MPEG

エムベグ represents

It is displayed when the disc is recorded in MPEG format.

DTS represents

It is displayed when the disc is recorded with DTS.

ドルビーデジタル

D Digital display

It is displayed when a disc is recorded in Dolby Digital (surround, or multi-channel).

[S VES denotes

Lights up when the VES (Non-Heart Surround) function is working.

サラウンド SURROUND represents

Lights up when surround effects are on.

ディービーエフビー DBFB denotes

Lights up when the DBFB effect is on.

レベル シンクロ 07] LEVEL-SYNC Recording Representation

It is displayed when you automatically assign a song number during recording.

Scale Factor Edia

S.F EDH ■ denotes

It is displayed when you change the recording level after recording.

グループ 08] GROUP

It is displayed when the group function is working.

トック TOC denotes

It will appear when you record or edit MD.

Continue to the next page

So
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Names of each part (continued)

Remote control

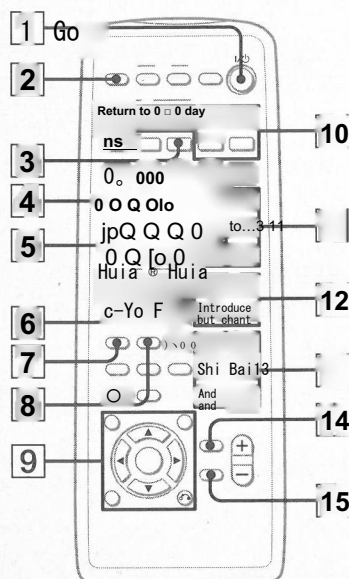
With the included remote, you can operate it just like the main unit.

Please note

The following operations cannot be operated with the remote control. -Disc ejection

-MD recording

-MD fast forward, fast rewind- BGMD switching



E1/O (power supply) switch

② Sleep button

I use it when I sleep while listening to music.

perimeter scroll button

Used to scroll through a disc or track name.

Country MENU/NO button

This is used to enable or disable FEdit MenuJ and FSetup MenuJ. It is also used when undoing edits.

Country E Do Zhai FVY Word All Buttons

It is used to determine selected items and edits, such as setting clock settings, program playback settings, and naming MD or radio stations. It is also used to confirm the contents set in Edit MenuJ or FSetup MenuJ.

Image repeat/FM mode button

You can choose how to play DVD, CD, or MD by repeating one song and repeating all songs.

Switch between stereo and mono while receiving stereo broadcasts.

0 Function button

Use it to switch sound sources.

Each time this button is pressed, the sound source is switched as follows.

L DVD → FMまたはAM → OPTICAL IN □

TAPE MD

Figure Playback Mode/Tuning Mode Button

Switches between normal playback, shuffle, and program modes of DVD, CD, and MD playback.

During radio reception, switch the tuning mode of the radio station (MANUAL/AUTOZPRESET).

Chimney </▲> / /Decision button

Select the items displayed on the screen to decide.

Tight button

Bring up the title menu of the DVD.

DVD Menu Button

Bring out the DVD menu.

DVD screen display button

Display the DVD control menu screen.

Return Habotan

Return to the previous selection screen.

0 MD operation button

A (Play) button

U (Pause) button

(Stop) button



Group Button

Use it to collect your favorite songs and register them in a group, or to record and edit them within a group.

Group skip button

Select a group when the group function is working.

MENU + /button

FSetup? J or Edit MenuJ is used when selecting items.

Preset the radio Select the preset number during reception.

-CURSOR/CURSOR-button

Use it when naming an MD or radio station or setting a clock.

DVD operation button

▶ (Play/Select) button

II (Pause) button

(Stop) button

YY (front) button

> * 1 (Next) button

<1 time/8A (scan/slow) button

o TV operation button

Operates Sony TVs.

wide switch button

input switching button

Volume + / -button

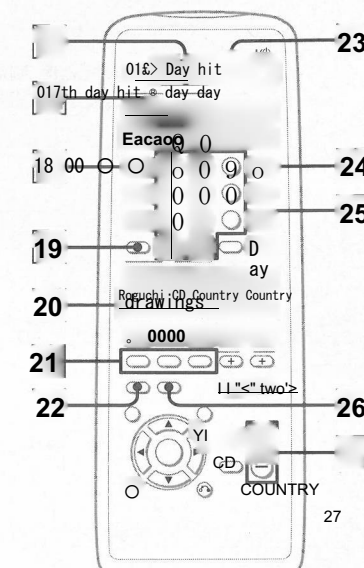
Channel + / -button

H3 DBFB Button

I use it when I want to emphasize the bass.

Image preset EQ button

Use it when applying the effects of preset equalizers (5 types).



Button for existing clock/timer

select button

Use it to check the set timer and turn it ON/OFF.

setting button

Use it to adjust the clock and set the timer function.

same time button

Switch the contents displayed at the bottom of the display window (DVD, CD, MD playback mode, etc.).

display button

Switch the contents displayed at the top of the display window (preset equalizer name, clock, disc name/track name/radio station name, volume, etc.).

Continue to the next page

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Name of each part)

Legacy degree T button

Press when naming an MD or radio station to bring up the character input screen. On the character input screen, you can select the type of character you want to input.

W/CLEAR button

Use it when naming an MD or radio station, erasing mistaken letters, or erasing songs during program settings.

Country tuner operation button

band button

Use it when choosing a radio as a sound source. It is also used when switching between FM/AM.

+ / -button

Tuning frequencies during radio reception.

Garden voice button

Switch audio on DVD or video CD. Angle button

Switch the angle of the DVD.

Subtitle button

Switch subtitles on DVD.

Country DVD setting button

It is used when setting or adjusting items on the DVD settings screen.

TV power button

I use it to power ON/OFF my Sony TV.

Dimmer button

Switch the brightness of the display window backlight. vinegar.

Figure Alphabet/Numbers/Kabota with Katakana

n

You can select the track (song) number of DVD, CD, MD, or preset number of radio station. On the character input screen, enter the corresponding characters/numbers. It will be powered.

Surrounding VES button

When activating the VES (Normal Ennotonst Surround) function and applying surround effects, I will use it.

Picture volume + / -button

I use it to adjust the volume.

INDE X

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For inquiries, please contact the Customer Consultation Center

• Navidial Sjg 0570-00-3311

time: 9:00 ~

(Available from anywhere in the country for local call rates)

• For use on mobile phone • PHS... 03-5448-3311

• Fax ***** 0466-31-2595 17 00

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Information

Thank you for purchasing Sony audio products. We would like to inform you that Noni has opened a "Technical Information Center" as a consultation desk dedicated to the products you have purchased.

Technical Information Center

Telephone: 0120-30-8132 (toll-free)

Payment time: Monthly ~9:00 before Golden Noon ~7B Temple in the afternoon

9:00 before noon to 5:00 afternoon on Sunday

(However, excluding year-end, New Year 's holidays, long holidays, and national holidays)

The name and serial number of the product you purchased are as follows.

Product Name	Manufacturing Number
CMT-P555DVD 204413	

If you have any inquiries about the quality of the product you purchased, how to operate it, how to connect it, etc., please contact the "Technical Information Center" mentioned above. Please refer to the instruction manual before making an inquiry regarding the operation method and connection method.

We apologize for the inconvenience, but use of the Technical Information Center is limited to one year from the date of purchase.

Thank you for your understanding.

Thank you for your continued use of Sony products.

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

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