

Mini disc deck

instruction manual

Thank you for your purchase.



Failure to follow safety precautions for electrical products can result in fire or personal injury.

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



MDLP

NetMD

MDS-S500

About the attached manual

The following instructions are attached to the MDS-S500. Please use each manual as necessary.

When connecting this unit to a PC • "Net

MD compatible SonicStage Ver. 1.5.5" instruction manual
How to install the software of the attached CD-ROM
"Net MD compatible SonicStage Ver. 1.5.5" on a PC and basic operations It is a manual about. This CD-ROM also contains help (electronic manual).
Click here for details on how to operate the SonicStage software.

When using the MDS-S500 main unit • MDS-S500 Instruction Manual (this manual) This is an instruction manual for the connection and operation of the main unit.

- This instruction manual mainly uses the buttons on the main unit.
Explains the operation. -If the remote control has a button with the same display as the main unit, you can use that button to perform the same operation as the button on the main unit. -You may be able to perform the same operation with buttons that have different displays on the main unit and the remote control. In this case, the button of the remote controller that performs the same operation is put in () behind the buttons of the main unit. Example) Turn the AMS knob to the right (press> on the remote control) • This instruction manual uses the following symbols.

Symbol Meaning

FROM This operation is possible only with the button on the remote control.

With It is useful information to know.

Precautions for use

Installation location Do not place in the following locations. • On a wobbling table or in an unstable place. • On rugs and duvets. • Humid or poorly ventilated areas. • Dusty areas. • Places exposed to direct sunlight or high temperatures. • Extremely cold place. • Close to tuners, TVs and VCRs. (When used with a tuner, TV, or VCR, if placed near it, noise may occur or the image may be distorted. Especially when using an indoor antenna, use an outdoor antenna. It is recommended.)

When adjusting the volume, MDs are much less noisy than analog cassette tapes. If you adjust the volume while listening to noise in a silent area like when using an analog cassette tape, the volume may be unexpectedly loud and the speaker may be damaged. Be sure to turn down the volume before starting playback.

If the product breaks down under normal use, we will repair it in accordance with the conditions stipulated in the warranty card for this product. However, the Company is not liable for any incidental damages such as damages caused by missing the opportunity to use the product for recording, playback, etc. due to a malfunction, malfunction or malfunction of this product. Please note.

Etiquette when listening to stereo When you



enjoy music in stereo, listen at a volume that does not bother your neighbors. Especially at night, even a small sound often passes around. Let's keep in mind each other, such as closing windows and using headphones, to protect a comfortable living environment. This mark is a symbol of sound etiquette.

Condensation Water droplets may form inside the unit, such as immediately after turning on the room when it is cold. This is called condensation. Not only will it not work properly as it is, but it will also damage the MD and internal parts. It is recommended that you remove the MD when you are not using this unit. If condensation forms, leave the product on for about 1 to several hours, then turn it on again before using it. If it does not work properly after hours, please contact a Sony service representative.

How to clean the main unit Wipe the cabinet and panel surface with a soft cloth soaked in a small amount of neutral detergent solution. Do not use thinner, benzene, alcohol, etc. as they will damage the surface.

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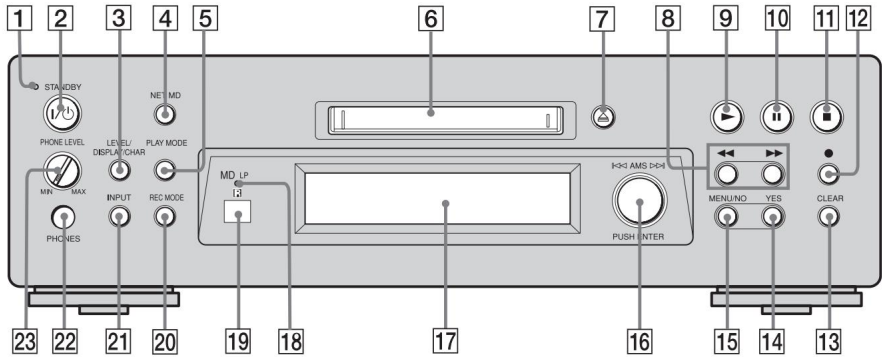
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Names and functions of each part

Front of the main body



stand-by
1 STANDBY lamp (pages 13 and 22)

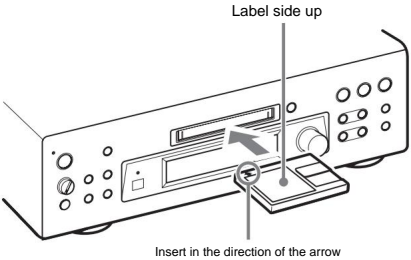
2? / 1 (power) switch (pages 13 and 22)
When you press it to turn on the power, the STANDBY lamp goes out. When you press it again to turn off the power, the lamp lights up and the unit goes into standby mode.

Level / Display / Character
3 LEVEL / DISPLAY / CHAR button (pages 8, 19, 27, 35) The function changes as follows depending on when it is pressed.

When pressed Working During	
recording or waiting for recording	recording level using the AMS knob. Shows disk
stop	information. Displays information about the song
Recording	being recorded. Displays information about the song
Regenerating	being played. Select the type of characters to enter.
While editing	

Net MD
4 NET MD button (page 11) Used to turn the Net MD function on / off.

Play mode
5 PLAY MODE button (page 26) Switches between normal playback, shuffle playback, and program regeneration.
MD
6 MD InsertSlots (pages 13 and 22) the MD as shown below.



7 A (MD eject) button (pages 18 and 22)
8 m / M (fast rewind / fast forward) button (pages 24 and 35) Find the part of the song you want to hear or move the cursor while entering characters.

9 N (Play) button (pages 13 and 22)

Start playing. If you press this button while waiting for recording, recording will start.

0 X (pause) button (pages 13 and 22)

Pauses playback or recording. It also resumes paused playback and recording.

qa x (stop) button (pages 13, 22, 29)

Stops playback, recording, etc. It also cancels the selected item.

qs z (record) button (pages 13, 16 and 18)

Used when recording. It is also used when you want to monitor the input signal or assign a song number yourself.

clear

qd CLEAR button (pages 25 and 27) Cancels the selected song number or character.

Jesus

qf YES button (page 28) Confirms the selected item.

Menu / No

qg MENU / NO button (page 28) Displays the "Edit Menu".

AMS

qh AMS Knobs (pages 19, 23, 28)

Cue the song, adjust the recording level, select characters and items to enter, and so on. It is also used to confirm the selected item.

qj Display window (page

7) Displays various information.

MDLP

qk MD LP Lights Indicator (page 15)

when the LP recording mode is set to LP2 or LP4 stereo recording. It also lights up during playback of an MD recorded in LP2 or LP4 stereo.

ql Remote control light receiving

part Operate the attached remote control toward the light receiving part.

Record mode

w; REC MODE button (page 15) Switches between stereo recording, LP2 stereo recording, LP4 stereo recording, and monaural recording.

input

wa INPUT button (pages 13 and 18) When recording to MD, select the sound source to be input to this unit.

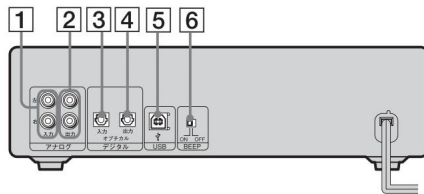
Horns

ws PHONES terminal (page 22) Connect headphones.

Horn level

wd PHONE LEVEL knob (page 22) Adjusts the headphone volume.

behind the body



1 Analog input terminal (pages 10 and 13)

The sound of the connected device is recorded in analog on the MD of this unit.

2 Analog output terminal (page 10) Plays

MD sound through the connected device. Also, analog-record the contents of the MD of this unit on the connected device.

3 Digital optical input terminal (pages 10 and 13)

Digitally records the sound of the connected device to the MD of this unit.

4 Digital optical output terminal (10 pages)

G)

Play the MD sound with better sound quality through the connected device. Also, digitally record the contents of the MD of this unit on the connected device.

USB

5 USB Terminal (page 11)

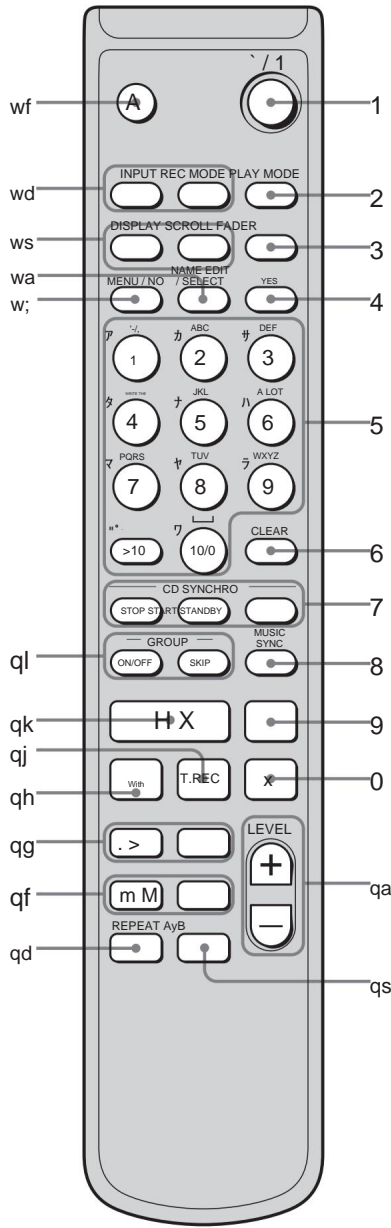
Use the included USB cable to connect to your computer. Connect to the USB terminal.

beep

6 BEEP switch (page 43)

A confirmation sound (beep sound) can be emitted when the unit is operated or when a specific condition is reached.

Remote controller



1 ? / 1 (power) switch (pages 13 and 22)

When you press it to turn on the power, the STANDBY lamp on the front of the main unit goes out. When you press it again to turn off the power, the lamp lights up and the unit goes into standby mode.

2 ^{Play mode}PLAY MODE button (page 26) Switches between normal playback, shuffle playback, and program regeneration.

3 ^{Fader}FADER button (page 41) Fade in / out recording is performed.

4 ^{Jesus}YES button (page 28) Confirms the selected item.

5 Alphabet / Number / Katakana Input Bota (Pages 23 and 36)
Enter alphabets, numbers, and katakana. It is also used when entering the song number.

6 ^{clear}CLEAR button (pages 25 and 27) Cancels the selected song number or character.

7 ^{CDE Synchro}CD SYNCHRO (Page 21)
^{Stop}STOP button
Stops CD sync recording. Start
START button

Start CD sync recording.
^{Standby}STANDBY button

The CD sync recording standby state is set.

8 ^{Music synchro}MUSIC SYNC button (page 20) Starts music sync recording.

9 X (pause) button (pages 13 and 22)
Pauses playback or recording. It also resumes paused playback and recording.

0 x (stop) button (pages 13, 22, 29)
Stops playback, recording, etc. It also cancels the selected item.

qa ^{level}LEVEL +/- button (page 19) Adjusts the recording level while recording or in recording standby.

qs AyB button (page 25) Select AB repeat playback.

qd ^{repeat}REPEAT button (page 24) Select repeat playback.

qf m / M (fast rewind / fast forward) button (pages 24 and 35) Find the part of the song you want to hear or move the cursor while entering characters.

qg./> (Cue) button (pages 19, 23, 29) Cue a song, adjust the recording level, and select characters and items to enter.

qh z (record) button (pages 13, 16 and 18)

Used when recording. It is also used when you want to monitor the input signal or assign a song number yourself.

Time machine record

qj T .REC Press Button (page 20)

during recording pause to start time machine recording.

qh H (Play) button (pages 13 and 22) Starts playback.

Group on / off

qj GROUP ON / OFF button Not used with this unit. Group skip button

GROUP SKIP Not

used with this machine.

Menu / No

w; MENU / NO button (page 28) Displays the "Edit Menu".

Name edit / select

wa NAME EDIT / SELECT button (page 34) Used to give or change a song name or disc name. Also, when entering the song name or disc name, select the character type.

display

ws DISPLAY button (pages 8 and 27) Switches the information in the display window. Scroll button (page 22) SCROLL Scrolls and song names. displays long disc names and

input

wd INPUT button (pages 13 and 18) When recording to MD, select the sound source to be input to this unit.

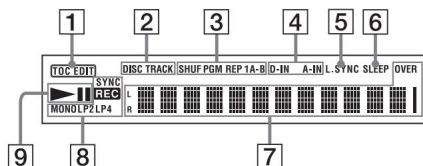
Record mode

REC MODE Button (page 15)

Switch between stereo recording, LP2 stereo recording, LP4 stereo recording, and monoaural recording.

wf A (MD eject) button (pages 18 and 22)

Display window



Tok

1 TOC display (pages 14 and 28) •

"TOC" is displayed when the recorded content has not yet been recorded on the MD. "TOC" flashes when the recorded content is recorded on the MD.

• "TOC EDIT" is displayed during editing

vinagar.

2 Disc name and song name display

disk

DISC means

Lights when information about MD is displayed. truck

TRACK Display

Lights when information about the song is displayed.

3 Reproduction indication

shuffle

SHUF display (page 26)

Displayed when shuffle playback is selected.

program

PGM display (page 26)

Displayed when program playback is

selected. repeat

REP display (page 24)

Displayed when repeat playback is

selected. • If you select repeat all songs, "REP" will be displayed.

vinagar.

• If you select 1 song repeat, "REP 1" will be displayed.

increase.

• When you select AB Repeat, "REP AB" is displayed. Will be.

input

4 INPUT display (page 13)

• "D-IN" is displayed when a device connected to the digital optical input terminal is selected as the recording source. • "A-IN" is displayed when the device connected to the analog input terminal is selected as the recording source.

Level sync

5 L.SYNC display (page 16) Displayed when
automatically numbering songs during recording.

sleep

6 SLEEP display (page 42) Displayed when
the sleep timer is running.

7 Name display (page 34) The disc
name, song name, and "Edit Menu" and "Setup Menu" settings
are displayed. The song title is displayed during playback. If there
is no disc name or song name, "No Name" is displayed.

8 Recording display
Sync
SYNC display
Displayed during sync recording. Record
REC display Displayed during recording.
Recording display (page 50) If MONO
is set to monaural or during playback of a
monaural-recorded MD. • "LP2" is displayed
when the recording mode is set to LP2 stereo or during playback
of an MD recorded in LP2 stereo.

- "LP4" is displayed when the recording mode is set
to LP4 stereo or during playback of an MD
recorded in LP4 stereo.
- "MONO" when the recording mode is set to stereo
or during playback of a stereo-recorded MD.
"LP2" and "LP4" turn off.

9 NX display
Displayed during playback or paused playback.

Switch the display

LEVEL / DISPLAY / CHAR (remote control
Press DISPLAY) repeatedly. Each time you
press it, the display changes as follows.

Note
Depending on the condition of this machine, the following may not be
displayed.

Stopped t

Total number of songs and recorded time * 1
r
Recordable time * 1 (Recording MD only)
r
Disk name * 2

* 1 The displayed time varies depending on the
recording mode (page 15). * 2 If the disk name is
not attached, "No Name" is displayed.

Playing t

Playing song number and elapsed playing time r
Song number being played and remaining time
r
Remaining time of the entire disc
r
Playing song title * 3

* 3 If there is no song title, it will be displayed as "No
Name".

Recording

Song number being recorded and elapsed recording
time r Recordable time * 4 r
Input signal level (recording level adjustment value)
r
The title of the song being recorded * 5

* 4 The displayed time varies depending on the
recording mode (page 15). * 5 If there is no song
title, it will be displayed as "No Name".

Prepare

Before starting the connection

Check accessories

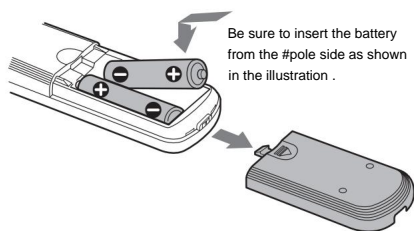
The following accessories are included with this machine. • Audio connection cord (pin plug x 2n pin plug x 2) (2) • Optical digital connection cable (1) • USB cable (1) • Remote control (1) • Sony AA battery (2) • Net MD compatible SonicStage CD- ROM (1) • Net MD compatible SonicStage instruction manual (1) • Information on Sony service counters and consultation counters

(1)

• For safety (1) • Warranty (1)

Insert batteries into the remote control

Insert 3 and # of the two attached dry batteries together with the display inside the battery compartment.



When operating with the remote control, point the remote control at the remote control light receiving part of the main unit.

z Dry batteries have a life of about 6 months.

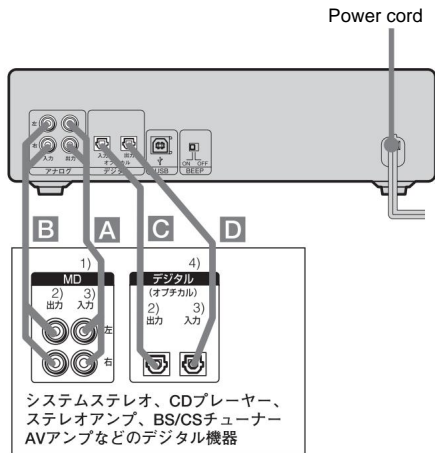
The less you have left, the shorter the distance you can operate with the remote control. Using this as a guide, replace both of them with new dry batteries.

Precautions • If you use the dry battery incorrectly, it may leak or explode. Be sure to observe the following. -Enter the correct orientation of 3 and #. -Do not mix new and used dry batteries, or different types of dry batteries.

-Do not charge the dry cell. -If you do not use the remote control for a long time, remove the dry batteries. -If the liquid leaks, wipe off the liquid in the battery compartment before inserting a new dry battery.

• When operating with the remote control, be careful not to expose the remote control light receiving part of the main unit to direct sunlight or strong light such as lighting equipment. It may not accept operations from the remote control.

Connect to audio equipment

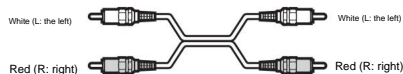


- 1) When there is no MD terminal, DAT, TAPE, VIDEO, Connect to either the LINE or AUX terminal.
- 2) It may be written as "(REC) OUT", "OUTPUT", "REC", "Recording", etc.
- 3) It may be written as "IN", "INPUT", "PLAY", "play", etc. 4) It may be written as "optical digital", "DIGITAL", "OPT (ICAL)", etc.

Necessary codes

Audio connection cord (supplied)

Used to connect AB.



Insert the red plug of the audio connection cord into the right (R) terminal and the white plug into the left (L) terminal.

Optical digital connection cable (only one included) Used to connect a CD.



Plug the optical digital connection cable in parallel until you hear a click into the digital optical end. If the connection is not correct, "Din Unlock" and "C71" may be displayed alternately. Also, do not bend or bundle the optical digital connection cable.

Listen to AMD sounds

Reproduces the MD sound through a system stereo or amplifier. Also, on the tape of the system stereo, the tape deck connected to the amplifier, etc.

You can record the contents of MD in analog.

Connect B to D only if there is a corresponding terminal on the system stereo or amplifier side.

An A or D connection is required to hear the MD. Also, when recording to MD, B or C connection is required.

Analog recording to B MD

The sound of the system stereo CD, radio, tape, CD player, radio, cassette deck, etc. connected to the amplifier is analog-recorded on the MD of this unit.

Digitally record to C MD

System stereo CD, MD, DAT deck,

The sound of the BS / CS tuner, CD player connected to the amplifier, MD deck, etc. is digitally recorded on the MD of this unit.

Listen to the sound of D MD

Reproduce the MD sound with better sound quality through a system stereo or digital amplifier with a digital input terminal. You can also digitally record the MD sound of this unit on a system stereo MD or an MD deck that is digitally connected to the amplifier.

Connection Precautions •

Connect the power cord until all connections are complete. please do not. • Turn

off the power of this unit and the devices connected to this unit before connecting. • Insert the plug firmly into the terminal. Incomplete connections can cause noise and malfunction.

Plug the plug that connects

the power cord into the wall outlet.

Connect to a PC and use (Net MD)

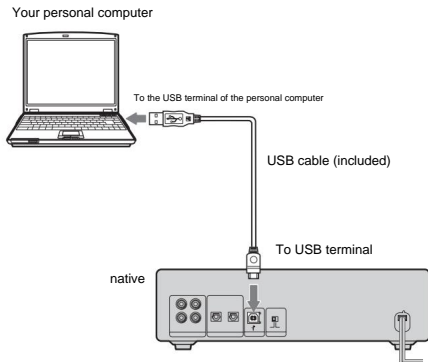
What is Net MD?

This is to install the included Net MD compatible SonicStage CD-ROM on your computer and transfer (check out) or return (check in) the digital music content saved on the hard disk of the personal computer to the MD. ..

install

Be sure to install Net MD compatible SonicStage on your computer before connecting. For how to install, it is included See "Net MD Compatible SonicStage Instruction Manual" and online help.

Connecting



Notes •

Do not use a USB hub or USB extension cable. Be sure to connect the computer directly to this unit with the included USB cable. • Insert the USB connector straight all the way in to connect

Please continue. Inserting it at an angle may cause a malfunction. • Connect this unit to a computer via USB and the included software

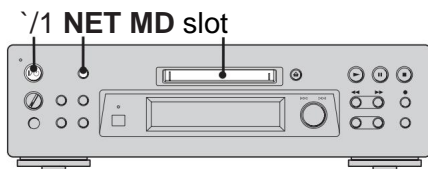
Before using the software, be sure to install the software before connecting this unit to your computer. If you connect this unit to your computer before installing the software, the wrong driver may be selected and the unit may not operate properly. Similarly, when you connect to your computer, the "Add New Device Wizard" will be displayed. In that case, click [Cancel].

- Simply connect the USB cable to this unit on your computer.

I can't hear the playback sound of. To hear the playback sound of this unit from a personal computer, connect the analog input terminal of the personal computer to the analog output terminal of this unit with an audio connection cord or a commercially available resistance-free cable. • Do not connect or disconnect the USB cable when the Net MD function is on. Turn off Net MD, and then connect / disconnect the USB cable.

- Except when connecting this unit to a personal computer for operation We recommend that you disconnect the USB cable.

Use Net MD function



1 Connect this unit and a computer with a USB cable

2 Press the ? / 1 (power) switch on this unit to turn on the power . The STANDBY lamp turns off.

3 Insert MD

4 Press NET MD

The Net MD function is turned on and "Net MD" is displayed in the display window.

5 For details on starting and operating SonicStage on a PC, refer to the separate "Net MD Compatible SonicStage Instruction Manual" and the online help.

6 (when the operation is finished)

Exit SonicStage

7 Press NET MD to turn off the Net MD feature

Notes •

When the Net MD function is on, the following buttons are displayed on this unit.

Only works. -A

(MD eject) button-NET MD
button- ? / 1 (power) switch

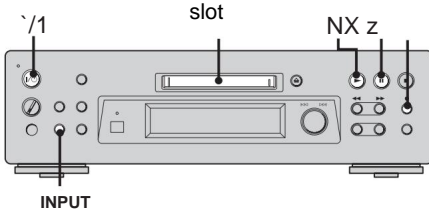
However, it may not work depending on the operating status of this unit.

- When the Net MD function is turned on, the following functions are canceled or the settings are canceled on this unit. -Repeat playback, shuffle playback, program Play-
Sleep timer • When "Check USB" is displayed, the USB cable is displayed. Make sure the cable is connected properly. • Checked-out songs cannot be edited on this unit other than "Move songs" (page 33) and "Name songs and discs" (page 34).

Record on MD

Record

When recording to an MD that has already been recorded, it will automatically record the continuation of the recorded part.



1 Turn on the sound source you want to record and the power source of the system stereo (or amplifier).

2 Select a sound source with system stereo (or amp)

3 Press the ? / 1 (power) switch on this unit to turn on the power . The STANDBY lamp turns off.

4 Insert MD for recording

5 Press INPUT repeatedly to select the sound source you want to record. Select **the terminal to which the sound source is connected** . Display Digital optical input D-IN Analog input A-IN

6 Press z

It will be in the recording standby state.

7 Adjust the recording level as needed

For more information, see “Adjusting the recording level” (page 19).

8 Press N or X, then start playing the sound source you want to record.

Basic operation during

recording Operation in **such** a case

Stop recording Press x. Pause recording

Press X. Press it again to resume recording.

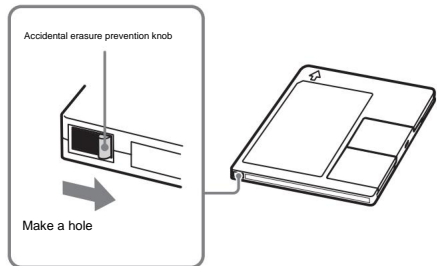
Take out the MD After stopping the recording Press A.

If you pause the recording and then resume it, the song number will change. For example, if you pause recording while recording the 4th song, it will be the 5th song from the time you resume recording.

To prevent erroneous recording

erasure If you move the MD erroneous erasure

prevention knob to open a hole, you will not be able to record. Once you close the hole, you will be able to record again.



z You can immediately play back the recorded song and check it. Immediately after stopping recording, press N. Playback starts from the first song recorded this time.

z After recording, you can immediately start playing the first song. **1** Immediately after stopping recording, press x again.

2 Press N.

Playback starts from the first song on the MD.

Note

Digital recording from dts CD is not possible with this unit.

Precautions when recording

About the display during recording

The content recorded **when "TOC" is lit** has not yet been recorded on the MD. Do not unplug the power plug from the outlet when "TOC" is lit. You will not be able to record the recorded content on the MD.

The contents recorded when you try to remove the MD or when you try to turn off the power of this unit are recorded on the MD.

When "TOC Writing" is blinking, the recorded content is recorded on the MD. At this time, do not unplug the power plug from the outlet or shake the main unit. The recorded content may not be recorded correctly.

Sampling rate converter

Converts the digital signal input to this unit to the MD sampling frequency (44.1kHz). Therefore, you can monitor the sound of DATs and satellite digital broadcasts (32kHz or 48kHz) with different sampling frequencies (see "Monitoring the input sound" on page 18), or perform digital recording.

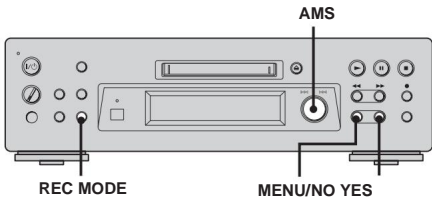
Record for a long time

The recording time can be doubled or quadrupled for stereo recording (MDLP recording). In monaural recording, the stereo signal is converted to monaural and recorded. The recording time is about twice that of normal stereo recording.

LP4 stereo mode (4x long-time recording mode) realizes long-time stereo recording by a special compression method. When sound quality is important, we recommend stereo recording or LP2 stereo recording (double longer recording).

Music recorded on MDLP can only be played on devices with the following marks printed on it. It cannot be played on unsupported devices.

MDLP MDLP



1 Perform steps 1 to 5 of "Recording" (page 13).

2 Press REC MODE repeatedly to select the recording

mode. **Recording mode selected display**

Stereo recording No display

LP2 stereo recording LP2

LP4 stereo recording LP4 monaural

recording MONO

3 Perform steps 6 to 8 of "Recording" (page 13).

z When you selected LP2 or LP4 stereo recording in step 2, the MDLP indicator lights up and "LP2" or "LP4" is displayed.

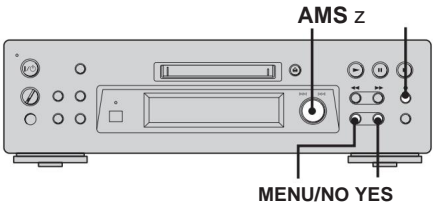
Notes •

Even after recording is complete, the recording mode setting remains. Please check the recording mode before recording.

- When playing an MD recorded on an MDLP, use an MDLP compatible device. It cannot be played on other devices.
- You cannot change the recording mode during recording.
- Even if the recording mode is set to "MONO", the sound source (stereo sound when recording a stereo signal) can be heard from the speaker.
- Some MD editing functions such as SF EDIT cannot be used.

Add song numbers during recording (track marking)

There are two methods, one is to attach it yourself and the other is to attach it automatically. Adding a song number is convenient when you want to find the beginning of a song or perform editing operations.



Attach by yourself (manual track marking)

During recording , press z where you want to add a song number

Automatically attach (auto track marking)

When digitally recording a CD or MD, the same song number as the sound source CD or MD is automatically added. To digitally record other sound sources, or to automatically add song numbers when analog recording is performed regardless of the type of sound source, make the following settings. However, if there is a lot of noise in the sound source such as tape or radio, the song number cannot be added automatically.

1 Press MENU / NO while stopped

2 Turn the AMS knob (press the ./> on the remote control repeatedly) to display "Setup?", And press the AMS knob or YES.

3 Turn the AMS knob (press the ./> on the remote control repeatedly) to display "T.Mark LSync" and display it. Press the AMS knob or YES

4 Turn the AMS knob (press the ./> on the remote control repeatedly) to select a setting, then press the AMS knob or YES.

Select Auto Track Marking Set to work	Settings to choose
	T.Mark LSync (default setting)
Don't work	T.Mark Off

If you select "T.Mark LSync", L.SYNC lights up.

5 Press MENU / NO

To set the level of the input signal that is the standard for auto track marking, after the signal input below the level set here continues for 1.5 seconds or more, when a signal above the set level is input again, a new song number is attached. 1 Press MENU / NO while stopped.

2 Turn the AMS knob (press ./> on the remote control repeatedly) to display "Setup?", And press the AMS knob or YES.

3 Turn the AMS knob (press ./> on the remote control repeatedly) to display "LS (T)", and then press the AMS knob or YES.

4 Turn the AMS knob (press ./> on the remote control repeatedly) to select the level of the input signal, and then press the AMS knob or YES. Select in the range of -72dB to 0dB (2dB unit). It is set to -50dB at the time of shipment.

5 Press MENU / NO.

z Supplementary information on how to number songs • When recording a CD or MD digitally

In the following cases, only one song number may be added to the entire recorded part. -When recording one song with the same disc repeatedly, such as by repeating one song-When recording the same song number on different discs in succession

tree

-Some CD players or multi-disc players

When recording from a layer In

either case, separate the songs after recording (page 31). •

Recorded music is less than 4 seconds (stereo, LP2 stereo)

E, when recording in monaural), or when it is 8 seconds or less (when recording LP4 stereo), the song number may not be added.

• When recording from an analog sound source without setting auto track marking, or when digitally recording DAT or satellite transmission, the entire recorded part is treated as one song, so only one song number is used for the entire song. Is not attached. • When digitally recording DAT or satellite broadcasts

When the sampling frequency of the input signal changes, a new song number is automatically added regardless of the auto track marking setting.

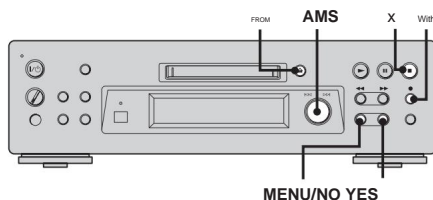
z You can also add a song number after recording. For details, see "Separating songs" (page 31).

Notes •

Even if the power of this unit is turned off or the power plug is unplugged, the auto track marking settings are remembered. •

Even if "T.Mark L Sync" is turned off, the song number may be added when the smart pace and auto cut are turned on. If the smart space autocut is also turned off, the song number will not be added.

Convenient function when recording



Automatically erases silent parts during recording (smart space / auto cut)

When the input signal is interrupted during recording, the silent part that has been recorded can be automatically erased. The operation of this unit changes depending on the length of the input signal interruption.

If the **smart space** signal

is re-introduced within 30 seconds of the interruption, the recorded silence is automatically erased with about 3 seconds between songs, and the recording continues.

When this feature is working

"Smart Space" is displayed.

If more than 30

seconds have passed since the **auto-cut** signal was interrupted, the recorded silence will be automatically erased with about 3 seconds between songs, and the recording will be paused. When this feature is working, you will see "Auto Cut".

To set up the smart space and autocut function, follow the steps below.

- 1 Press MENU / NO while stopped.
- 2 Turn the AMS knob (press ./> on the remote control repeatedly) to display "Setup?". And press the AMS knob or YES.
- 3 Turn the AMS knob (press ./> on the remote control repeatedly) to display "S.Space On", and press the AMS knob or YES.
- 4 Turn the AMS knob (press ./> on the remote control repeatedly) to select the setting, and then select the setting. Press the AMS knob or YES.

S.Space On (default setting) that	Settings to choose
automatically activates smart space and auto cut	
Don't work	S.Space Off

5 Press MENU / NO.

Notes •

If you start recording with no signal input, smart space and autocut will not work regardless of the settings. • The song number may not change before and after the smart space is activated.

- The smart space and auto cut settings are the same. You can't work just one or the other.
- The settings are memorized even if the power of this unit is turned off or the power plug is unplugged. • Recording will stop automatically if the recording paused by auto cut continues for about 10 minutes.

Monitor the input sound (source monitor)

You can monitor the signal from each input terminal without recording.

1 Press A to eject the MD

2 Press INPUT repeatedly to select the sound source you want to monitor.

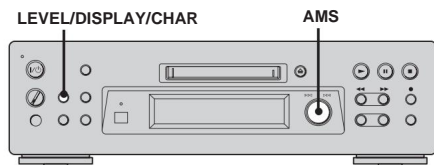
3 Press z

- When "A-IN" is selected for INPUT The signal input from the analog input terminal is A / D converted and output to the digital optical output terminal. The signal is further D / A converted and output from the analog output terminal and PHONES terminal. At this time, "AD --DA" is displayed.
- When "D-IN" is selected for INPUT The signal input from the digital optical input terminal is output to the digital optical output terminal through the sampling rate converter. The signal is further D / A converted and output from the analog output terminal and PHONES terminal. At this time, "-DA" is displayed.

Press x to stop the source monitor .

Adjust the recording level

You can adjust the recording level as needed.



1 Perform steps 1 to 6 of "Recording" (page 13).

2 Play the part with the highest playback level
(the part with the loudest sound) of the
sound source.

3 **LEVEL/DISPLAY/CHAR**
Press (DISPLAY on the remote
control) to display the level of
the input signal.

4 Turn the AMS knob (press the LEVEL +/-
of the remote controller repeatedly) to
adjust the recording level. When the
playback level is the highest, the peak
level meter "OVER" should not always
be lit. Adjust.



Adjust so that this is not always lit

5 Stop playing the sound source you want to record

Ru

6 When you start recording as it is

Performs step 8 and subsequent steps
of "Recording" (page 13).

You can also adjust the recording level with the z remote
control. Z Press LEVEL +/- repeatedly during recording or while
recording is paused .

z You can use the peak hold function. The state
of the peak level meter when the input signal level
is the highest can be stopped and displayed until a
signal exceeding that level is input. 1 Press MENU /
NO while stopped.

2 Turn the AMS knob (press ./> on the remote
control repeatedly) to display "Setup?", And
press the AMS knob or YES.

3 Turn the AMS knob (press ./> on the remote
control repeatedly) to display "P. Hold
Off" (default setting), and then press the AMS
knob or YES.

4 Turn the AMS knob (press ./> on the remote
control repeatedly) to select "P. Hold On", and
then press the AMS knob or YES.

5 Press MENU / NO. To
stop the peak hold function, select "P. Hold Off"
in step 4.

Note

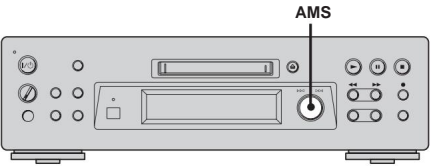
You can only increase the volume up to + 12.0dB
for analog recording and + 18.0dB for digital
recording. If the output level of the connected device
is low, you may not be able to maximize the recording level.

z You can return the recording level to the default value. If
you press CLEAR instead of turning the AMS knob in step
4, the default value will be restored.

Record from the sound 6 seconds ago (time machine recording)

Synchronized recording with your favorite sound source (musical synchronized recording) Z

When in the recording standby state, the unit starts storing the sound from the sound source in the memory, and always stores the sound up to about 6 seconds before that point. When recording with a time machine, this unit records the sound stored in the memory from the sound source, not the sound from the sound source. When recording from satellite or FM, you can prevent missed timing and missing the beginning of the recording.



1 Perform steps 1 to 6 of "Recording" (page 13).

2 Start playing the sound source you want to record

3 Where you want to start recording
AMS knob (remote control
Press T.REC)

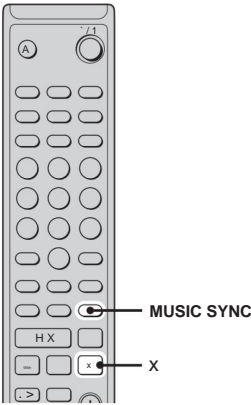
When you press the button, it will start recording the sound stored in the memory, and then continue recording using the sound in the memory.

Press x to stop time machine recording .

Note

Recording will start using the sound stored in the memory at the time of step 3 above. When the recording standby state or the sound source is regenerated for 6 seconds or less, the sound for 6 seconds is not stored in the memory, so the sound 6 seconds ago cannot be recorded.

Recording can be started at the same time as the sound source connected to the input terminal is played. The numbering of songs depends on the sound source to be recorded. For details, see "Adding song numbers during recording" (page 16).



1 Perform steps 1 to 5 of "Recording" (page 13).

2 Press MUSIC SYNC

It will be in the recording standby state.

3 Start playing the sound source you want to record
Recording will start automatically.

Press x to stop music sync recording .

Note

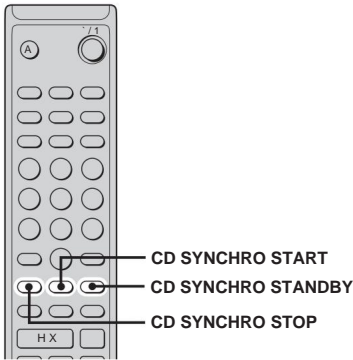
Smart Space and Auto Cut (page 17) work automatically during music sync recording.

Synchronized recording with a Sony CD player (CD synchronized recording) Z

When recording from a Sony CD player, you can easily synchronize recording by operating the CD player with the remote control of this unit. Since the remote control of this unit operates both this unit and the CD player, keep the CD player close to this unit.

Note

With some CD players, CD sync recording may not be possible with the remote control of this unit. In this case, use Music Sync Recording (page 20) to perform synchronized recording between the CD player and this unit.



- 1 Turn on the sound source you want to record and the system stereo (or amplifier), and select "CD".
- 2 Perform steps 3 to 5 (page 13) of "Recording".
- 3 Insert the CD into the CD player and select the playback method.
- 4 Press CD SYNCHRO STANDBY.
The CD player is paused for playback, and the unit is in the recording standby state.
- 5 Press CD SYNCHRO START. The unit will start recording and the CD player will start playing. During recording, the number of the song being recorded and the elapsed time of that song are displayed.

When the CD player does not start playing On some CD players, pressing CD SYNCHRO START may not start playing. Press X on the remote control that came with your CD player to start playback.

Operation during CD sync recording

In such a case, stop recording .
Press CD SYNCHRO STOP.
Press CD SYNCHRO STAND BY to pause recording .
Resume a paused recording . Press CD SYNCHRO START.

You can also use the remote control that comes with the zCD player.

Press button Operation of this unit Operation of CD player	
H recording	reproduction
x	Recording Pause Pause
X	Recording Pause Pause

- z How to add song numbers • When a CD player is connected to the digital optical input terminal, the same song number as the CD is automatically added. • A CD player is connected to the analog input terminal
If you do, you can automatically add song numbers in the Auto Track Marking settings (page 16). • If you pause and then resume recording, the song number will change regardless of the auto tracking setting.

- z You can change the CD during recording.
1 Press x on the remote control that came with your CD player.
vinegar.
2 Replace the CD.
3 Use the remote control H that comes with the CD player.
push.
Recording will resume.

You can also record in sync with a video CD player. Press the number button 2 while pressing the ? / 1 (power) switch on the remote control of this unit to enable synchronized recording with a video CD player.

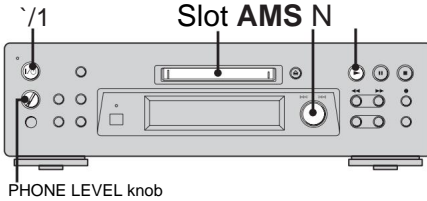
To return to the state of synchronized recording with a CD player, hold down the ? / 1 (power) switch and press the number 1.

- Notes •
When recording with a CD player with a mode selector, set the mode selector of the CD player to "CD1". • Some CD players and multi-disc play

When recording in sync with Yar, there may be only one song number for the entire recorded part.

Play MD

Reproduce



1 Turn on the system stereo (or amplifier)

2 By switching the system stereo (or amp) input Select "MD"

3 Press the ? / 1 (power) switch on this unit to turn on the power . The STANDBY lamp turns off.

4 Insert MD

5 If you want to start playing a song in the middle, turn the AMS knob (press the . / > on the remote control repeatedly) and select the song number. If you want to start playing from the first song, this procedure is not necessary. Proceed to step 6

stomach.

**6 Press N.
Playback starts.**

7 Adjust the volume with the system stereo (or amp)

Basic operation during playback

Operation in such cases

Stop playback Press x. Pause playback

Press X. Press it again to resume regeneration.

Go one song ahead Turn the AMS knob to the right (press> on the remote control).

The beginning of the song being played or the previous song Turn the AMS knob counterclockwise (press. On the remote control).

Take out MD After stopping playback Press A.

zLP2 or LP4 When you reproduce a stereo recorded MD, select the song number in step 5 above, and the MDLP indicator will light up.

You can listen using z headphones.

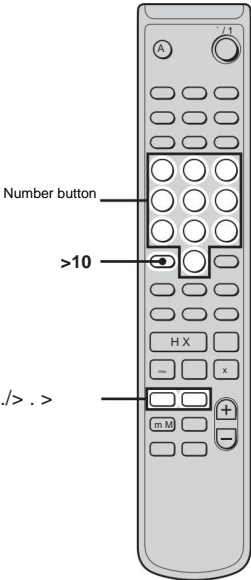
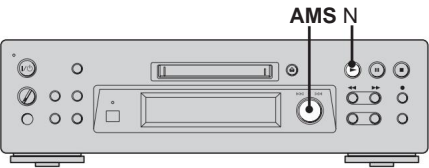
Connect to the PHONES terminal. Adjust the volume with the PHONE LEVEL knob.

z You can check the song title during playback (only when the song title is attached).

Press SCROLL to display the song title and scroll. If you press it again while scrolling, it will stop scrolling, and if you press it again, it will scroll again.

Select the song you want to play

While playing, stopping, or pausing, you can select and cue the song you want to play next.



Search using AMS *

How to find

Cue the next song during playback (AMS) Cue	Operation Turn the AMS knob to the right (press> repeatedly on the remote control).
the previous song during playback ÿAMSÿ	Turn the AMS knob counterclockwise (press the remote control repeatedly).
Return to the beginning of the song being played (AMS)	Turn the AMS knob to the left (press. On the remote control once). 1 Turn the AMS knob to the right until the
Select while watching the song number display while stopped	song you want to listen to is displayed (press the ./> on the remote control).

2 Press the AMS knob or N.

ÿ Automatic Music Sensor

z You can quickly select the last song. While stopped, turn the AMS knob counterclockwise (press. On the remote control once).

z If you select a song while it is stopped or paused, it remains stopped or paused even if you cue it.

Select by direct song selection Z

Enter the song number with the number buttons.

Press 1 > 10 to enter the 11th and subsequent songs .

The "-" with the same number of digits as the number of songs in the MD flashes. 2 Using the number buttons, 100's, 10's

Enter the song number in order of 1st place and 1st place. Press

10/0 to enter 0. Example: When selecting the 30th song of an MD containing 50 songs

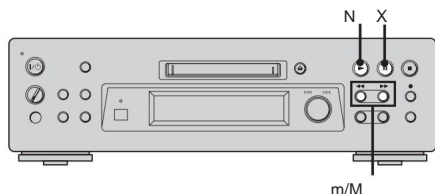
> 10 t 3 t 10/0

When selecting the 30th song of MD containing 200 songs> 10 t 10/0 t 3 t 10/0

z If you enter a song number while paused, the song will be paused at the beginning of the entered song.

Find the part you want to play

You can select the part of the song you want to hear while playing or pausing.



Search while listening (search)

Hold down m / M during playback. The playback sound is heard intermittently. When you get close to the part you want to hear, release the button.

Notes •

- If you proceed to the end of the last song while listening and searching, playback will stop.
- The part where extremely short songs are continuous is normally sir. You may not be able to do it.

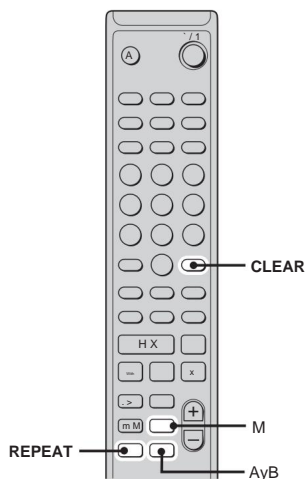
Search while looking at the time display (high-speed search)

Hold down m / M while pausing. I can't hear the playback sound. When you get close to the part you want to hear, release the button, Press N or X.

z If "– Over –" is displayed during the high-speed search, you have reached the end of the last song. Turn the AMS knob on the main unit counterclockwise (press. On the remote control) or press m .

Repeat playback (repeat playback) Z

All MD songs are played repeatedly. Even if you select shuffle playback or program playback, you can play it repeatedly. You can also repeat only one song, or only a part of a song.



Note

Whether you selected repeat all songs or repeat one song is remembered even if you take out the MD, turn off the power of this unit, or unplug the power plug. However, the AB repeat setting may be stopped or It will be erased when you take out the MD, turn off the power of this unit, or unplug the power plug.

Repeat all songs (repeat all songs)

Press REPEAT repeatedly until "REP" lights up.

When you play the MD, all songs will start repeating.
The repetition method changes depending on the selected playback method.

Selected playback Repeated playback

Normal playback (page 26) Play all songs in order.
playback (page 26)

The song order changes each time it is repeated.

Program playback Regenerate in the order of the songs
(page 26) in the program.

Press x to stop all song repeats .

To return to normal playback,
until "REP" or "REP 1" disappears
Press REPEAT repeatedly.

Repeat only one song (one song repeat)

While playing the song you want to repeat, press REP
EAT repeatedly until "REP 1" lights up. One song repeat starts.

Press x to stop one song repeat .

To return to normal playback,
until "REP" or "REP 1" disappears
Press REPEAT repeatedly.

**Repeat only a certain part of one song
(AB repeat)**

You can specify the part you want to hear in one song
and listen to it repeatedly. It is not possible to specify a
part that spans more than one song. 1 During playback,
the starting point of the part you want to repeat (A)

Point) and press AyB.

"REP A-" lights up and "B" flashes.

2 Continue playing (or press M) to the end point (point
B) of the part you want to repeat, and press AyB.

"REP AB" lights up and AB repeat starts.

Press REPEAT or CLEAR to stop the AB repeat and
return to normal playback .

z You can move forward with the repeating part. Change
the end point of the part that is being repeated to the
start point, and specify a new end point.

1 Press AyB during AB repeat.

The current end point changes to the start point (point A).

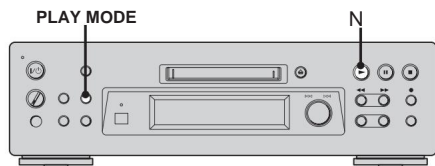
"REP A-" lights up and "B" flashes.

2 Proceed to the end point (point B) you want to specify newly,
Press AyB.

"REP AB" lights up and the AB repeat of the
newly specified part starts.

Play randomly (shuffle play)

All songs are played once in no particular order.



1 While stopped, press PLAY MODE repeatedly until "SHUF" lights up.

2 Press N

Shuffle playback will start. A; is displayed while the next song to be played is determined.

To return to normal playback,

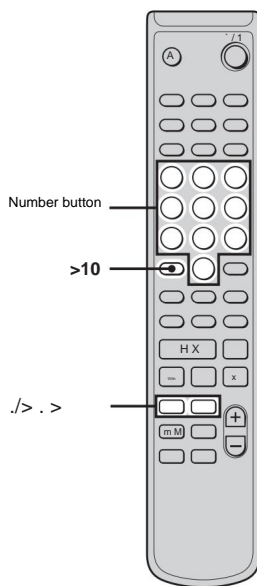
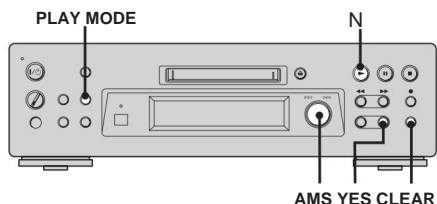
while stopped, press PLAY MODE repeatedly until "SHUF" disappears.

z You can find the next song to play.

Turn the AMS knob (press the ./> on the remote control). Turn it to the right (press>) to find the beginning of the next song to play, and turn it to the left (press.<) To return to the beginning of the song being played. I will not return to the song that has already been played.

Play the songs you want to listen to in any order (program playback)

You can program and play up to 25 songs that you want to hear.



Program and play

1 While stopped, press PLAY MODE repeatedly until "PGM" lights up.

2 Turn the AMS knob (Rimo)

Select the song number you want to program (by pressing ./> repeatedly) and press the AMS knob or YES . After the number of programmed songs (Step number) is displayed, the last programmed song number and total time are displayed. increase.

z You can enter the song number directly with the number buttons. Use > 10 to select the 11th and subsequent songs on the Z MD (page 23).

3 Repeat step 2 to program the songs you want to hear in order.

4 Press N. Program
playback starts.

Press x to **stop program playback** .

To check the number of programmed songs ,
press LEVEL / DISPLAY / CHAR (remocon DISPLAY)
while stopped.

To check the programmed song order, press
N to start playback, then turn the AMS knob during
playback (press ./> on the remote control).

To erase the contents of the program,
press CLEAR while stopped. Each time you press it,
the last programmed song disappears.

To add a song to the program, perform
step 2 while stopped. The song will be added at the
end of the program.

To return to normal playback,
while stopped, press PLAY MODE repeatedly
until "PGM" disappears.

z The program remains even after playback is
finished.

Press N to play again from the beginning of the program. Even
if you stop the playback in the middle, the program will not
disappear.

Notes •

When you remove the MD, the program disappears.

- When the total program time exceeds 1000 minutes, " – – M – – s "is displayed.

- When I try to program the 26th song, "Step"
Full! "Is displayed. • When

the Net MD function is turned on, the program disappears.
increase.

Edit MD

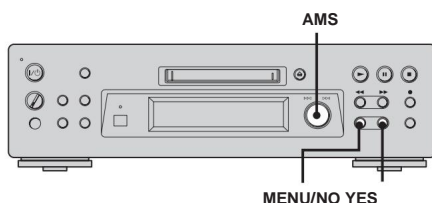
Please read before editing

Buttons commonly used for editing operations

The following buttons can be used in common when erasing, dividing, moving, and connecting songs.

Note

When naming songs and discs, the following buttons work differently. For more information, see "Name songs and discs" (page 34).



AMS knob: Turn to select the desired editing operation or song number, and press to confirm. It is also used to specify the part of a song to be erased or divided.

MENU / NO: Press to display the "Edit Menu" and select the editing operation. Press during an edit operation to cancel the edit.

YES: Can be used instead of pressing the AMS knob.

For details on how each button works, see the page for each editing operation.

Before you start editing

To edit the MD: • The MD is writable • The MD playback mode is set to normal playback

You need to be there.

About display at the time of editing

When "C11 / Protected" is displayed, the MD has an erasure prevention hole, so editing is not possible. Move the knob to close the hole. For details, see "How to prevent accidental erasure of recordings" (page 13).

When "Tr Protected" is displayed Some songs checked out on a Net MD device have editing functions that cannot be operated because the songs are protected.

When "Cannot Edit" is displayed, editing is not possible because shuffle playback or program playback is in progress. Turn off the "SHUF" or "PGM" display (page 26).

About the display after editing

When "TOC" is lit, the edited contents have not been recorded on the MD yet. Do not unplug the power plug from the outlet when "TOC" is lit. You will not be able to record the edited contents on the MD.

The edited contents are recorded on the MD when you try to remove the MD or when you try to turn off the power of this unit.

When "TOC Writing" is blinking, the edited content is recorded on the MD. At this time, do not unplug the power plug from the outlet or shake the main unit. The compiled content may not be recorded correctly.

Erase a song (ERASE)

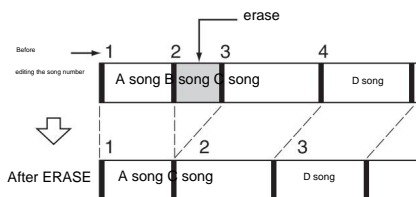
You can easily erase the recorded song by simply selecting the song number you want to erase.

Immediately after erasing, you can use the undo function to undo it, but you cannot undo it after making other edits, so check carefully before erasing.

Erase one song at a time (Track Erase)

Specify the song number and erase it.

Example) Erase the second song



When you erase a song, the song number is automatically reassigned. For example, if you delete the second song, all the song numbers after the original third song will be rounded up.

1 During stop, play, pause,

Press MENU / NO "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press. /> on the computer to display "Tr Erase?" And press the AMS knob or YES.

Playback of the song whose song number is displayed starts.

3 Turn the AMS knob until the song number of the song you want to erase is displayed (press the ./> on the remote control repeatedly).

4 Press the AMS knob or YES

When "Complete!" Is displayed for a few seconds and disappears, the song selected in step 3 disappears and the next song starts playing.

When the last song is erased, the previous song will start playing.

Press MENU / NO or x to **stop erasing a song** .

z When erasing two or more songs, it is recommended to erase from the back song so that the song number in the middle does not change.

Erase all songs at once (All Erase)

The disc name can be erased along with all the songs on the MD.

1 During stop, play, pause,

Press MENU / NO "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Press. /> on the computer repeatedly) to display "All Erase?", And press the AMS knob or YES to display "All Erase ??".

3 Press the AMS knob or YES

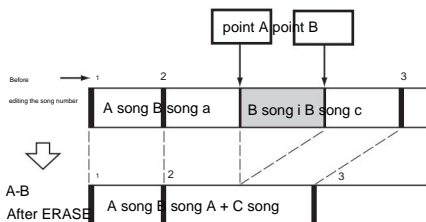
When "Complete!" Is displayed for a few seconds and disappears, all the songs and disc names in the MD will disappear .

Press MENU / NO or x to **stop erasing a song** .

Erase part of the song (AB Erase)

You can easily erase that part by specifying the range you want to erase in one song. This is convenient for erasing only unnecessary parts after recording satellite broadcasts or FM broadcasts.

Example) When erasing a part of B song



1 During stop, play, pause,

Press MENU / NO
"Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Press. ./> on the computer repeatedly) to display "AB Erase?", And press the AMS knob or YES . Playback starts.

3 Turn the AMS knob until the song number of the song you want to erase is displayed (press ./> on the remote control repeatedly).

4 While listening to the playback sound, press the AMS knob or YES at the start point (point A) of the part you want to erase.

"-Rehearsal-" and "Point A ok?" Are displayed alternately, and the playback is repeated for a few seconds until point A.

5 If point A has been played correctly, press the AMS knob or YES again. "Point B set" is displayed, and playback for setting point B starts.

When point A is not playing correctly Turn the AMS knob (press the ./> on the remote control repeatedly) while listening to the sound that is played repeatedly to adjust point A, and then press the AMS knob or YES. 1/86 seconds (1f (1 frame)) * Shift the position by each .

6 Continue playback (or press M on the remote control), and when you reach the end point

(point B) of the part you want to erase, press the AMS knob or YES. "AB Ers" and "Point B ok?" Are displayed alternately. The part of the joint where the AB is erased (a few seconds to the point A and a few seconds from the point B) is played repeatedly.

7 If point B is playing correctly, press the AMS knob or YES again. When "Complete!" Is displayed for a few seconds and disappears, the space between points A and B disappears and playback starts from the beginning of the song. ..

When point B is not playing correctly Turn the AMS knob (press the ./> on the remote control repeatedly) while listening to the sound that is played repeatedly to adjust point B, and then press the AMS knob or YES. 1/86 seconds (1f (1 frame)) * Shift the position by each .

* Monaural or LP2 stereo recorded songs are not 2f

For songs recorded in LP4 stereo, the position can be shifted by 4f.

You can switch the unit of z frames / second / minute. If you want to shift point A or point B in seconds or minutes in step 5 or step 7, press m / M on the remote control repeatedly . You can switch the unit to go to when you turn the AMS knob (when you press the ./> on the remote control repeatedly).

Press MENU / NO or x to **stop erasing a part of the song** .

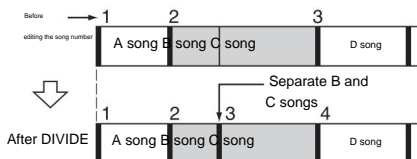
Note

When "Impossible" is displayed, you cannot delete a part of the song. If you repeat editing many times, you may not be able to erase a part of the song, but this is a limitation of the MD system. This is not a malfunction.

Divide songs (DIVIDE)

It is used when you want to add a song number to each song when multiple songs are recorded with only one song number, or when you want to make a cue point in the middle of a song. The song numbers after the divided songs are renumbered in order from the beginning.

Example) Divide the second song into two



Select a song and decide where to divide it

1 During stop, play, pause,

Press MENU / NO "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press. ./> on the computer to display "Divide?" And press the AMS knob or YES.

Playback will start.

3 Turn the AMS knob until the song number of the song you want to divide is displayed (press the ./> on the remote control repeatedly).

- 4 While listening to the playback sound, press the AMS knob or YES at the position where you want to divide the song. "—Rehearsal—" is displayed, and the song is played repeatedly for a few seconds from the position where you pressed the AMS knob or YES.

If the position where the 5 songs are divided is played correctly, press the AMS knob or YES again. When "Complete!" is displayed for a few seconds and disappears, the songs are separated and the new song starts playing. The new song has no name.

When not playing correctly While listening to the sound that is played repeatedly, turn the AMS knob (press the ./> on the remote control repeatedly) to adjust the position where the songs are divided, and then press the AMS knob or YES. 1/86 seconds (1f (1 frame)) * Shift the position by each.

* Monaural or LP2 stereo recorded songs are not 2f
For songs recorded in LP4 stereo, the position can be shifted by 4f.

You can switch the unit of z frames / second / minute. In step 5, if you want to shift the position where the song is divided by seconds or minutes, press m / M on the remote control repeatedly. You can switch the unit to go to when you turn the AMS knob (when you press ./> on the remote control repeatedly).

Press MENU / NO or x to **stop splitting songs**.

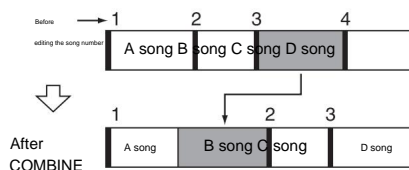
z You can divide songs during recording.
Use track marking (page 16).

Connect songs

ÿCOMBINEÿ

Combine two songs into one song. You can also connect songs that are far apart. You can also connect the previous song to the song whose song order is later. Use this when you want to combine several songs or what you have recorded with broken frames after stopping many times into one song. When you connect songs, the song numbers are automatically renumbered. It is also used to erase unnecessary song numbers.

Example: Connect the 3rd song to the 1st song



The name of the song before connecting will be the name of the song that was connected.

1 During stop, play, pause, Press MENU / NO

The "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press ./> on the computer to display "Combine?" And press the AMS knob or YES.

3 Turn the AMS knob until the song number of the previous song is displayed (press the ./> on the remote control repeatedly), and then press YES for the AMS knob . Repeats the end of the previous song and the beginning of the last song for a few seconds).

4 Turn the AMS knob until the song number of the song behind it is displayed (press the ./> on the remote control repeatedly), and then press the AMS knob or YES. "Complete!" is displayed for a few seconds and then disappears. Then, the selected songs will be connected and playback will start from the beginning of the created song.

Press MENU / NO or x to **stop connecting songs** .

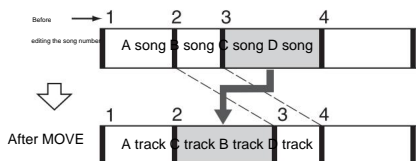
Notes •

The recording modes (stereo, LP2 stereo, LP4 stereo, monaural) cannot be the same song. • When "Impossible" is displayed, the two songs cannot be connected. If you repeat editing many times, you may not be able to connect songs, which is a system limitation of MD. This is not a malfunction.

MOVE

You can move the song to the desired position and change the song order. If you change the song order, the song numbers will be renumbered from the beginning.

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



1 During stop, play, pause,

Press MENU / NO "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press. ./> on the computer to display "Move?" And press the AMS knob or YES.

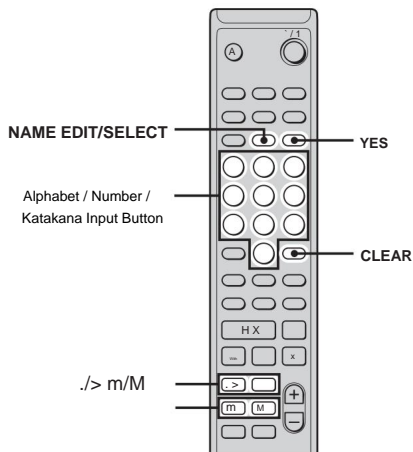
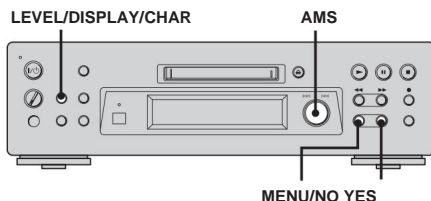
3 Turn the AMS knob (press the ./> on the remote control repeatedly) until the song number of the song you want to move is displayed, and then press YES for the AMS knob.

- 4 Turn the AMS knob (press the ./> on the remote control repeatedly) until the song number of the destination is displayed, and then press the AMS knob or YES. "Complete!" Is displayed for a few seconds and then disappears. Moves and the moved song starts playing.

Press MENU / NO or x to **stop moving songs** .

Name songs and discs (NAME)

You can name songs and discs using uppercase and lowercase letters, numbers, insignia, and katakana. You can enter up to approximately 1700 characters on a single disc.



Notes •

You can enter 1700 characters only if you enter only alphabets and numbers. Entering katakana increases the amount of data per character and reduces the number of characters that can be entered.

- This unit does not support Kanji / Hiragana input and display. However, the Kanji and Hiragana information already recorded on the MD is saved as it is even if you play or record it on this unit.
- When you give a song title during recording, if the recording of the song ends while you are giving the song title, the characters you have entered will be invalid and the song title will not be added. Please give a song title after recording again.

prepare

Select the song or disc you want to add.

Select with remote control

Z • When assigning a song title

Press NAME EDIT / SELECT while stopping, playing, pausing playback, or recording while the song number is displayed. • When assigning a disc name Press NAME EDIT / SELECT when the entire number of songs is displayed and stopped. The cursor flashes and you can enter characters.

Select on the

main unit 1 Press MENU / NO during stop, play, record, and pause. The "Edit Menu" is displayed.

2 Turn the AMS knob to display "Nm In?" And press the AMS knob. When you name the song you are recording, the cursor will blink at this point and you will be able to enter characters.

3 Turn the AMS knob to blink the song number (when assigning a song name) or "Disc" (when assigning a disc name), and press the AMS knob. The cursor will blink and you will be able to enter characters. When the song number is blinked, playback starts automatically, and you can enter the song name while checking the song.



Name it on the body

1 Press LEVEL / DISPLAY / CHAR

repeatedly to select the type of character to enter.

Character Type Button

Uppercase Alphabet Press repeatedly until "A" is displayed. Press
Lowercase Alphabet Press repeatedly until "a" is displayed. Press repeatedly until "a" is displayed. Press repeatedly until "0" is displayed. Press repeatedly until "" is displayed. Press repeatedly until "A" is displayed.

Symbol 1) displayed. Katakana 2) Press repeatedly until "A" is displayed.

1) The following symbols can be displayed.

— / . () ! ? & + < > = ; # \$ % @ * 2) In

addition to the normal Japanese syllabary, lowercase letters Aiu eo

Yayuyotsu, and "(dakuten), ° (semi-voiced sound mark) can be displayed.

To free one character

Press M while the cursor is blinking. However, the first character of the name cannot be empty.

2 Turn the AMS knob to display the characters you want to enter.

The letters will flash.

Repeat steps 1 and 2 to change the blinking characters.

3 Press the AMS knob

The blinking character lights up and is confirmed. The cursor moves to the next position and blinks again.

4 Repeat steps 1 to 3 to enter all the characters.

To change the character,
press m / M repeatedly to blink the character you
want to change, and repeat steps 1 to 3.

To erase a character,
press m / M repeatedly to blink the character you
want to erase, and then press CLEAR.

5 Press YES. The
disc name or song name is displayed
from the beginning.

When "Complete!" Is displayed for a few seconds
and disappears, it will be named.

Press MENU / NO or x to **stop naming** .

Note
Recording using the group function on other minidisks
The "disk name" of MD is displayed as follows. example)

0 ; Favorites // 1 – 5 ; Rock // 6 – 9 ; Pops // ...
1 2

1 Disk name: "Favorites" 2 Group name:
"Rock" "Pops"

Since this unit does not support the group function, the above character string
is displayed as the "disk name" as it is. If you rewrite the disk name by
following the "Name" procedure, the group function may not be available on
that MD.

Name with remote control Z

1 The name you want to give (song title or
Operate as follows depending
on the disk name)

When assigning a
song name Press NAME EDIT / SELECT while
the song number is displayed, stop, replay, pause
playback, or record.

When naming a disc Press
NAME EDIT / SELECT when stopped with the
total number of songs displayed. The cursor
flashes and you can enter characters.

2 Press NAME EDIT / SELECT back and
forth to select the type of character to
enter.

Character type	Display to select
Uppercase alphabet or symbol 1) Lowercase	ÿSelected ABÿ
alphabet or symbol 1) Katakana 2) Number	ÿSelected abÿ
	"Selected A"
	ÿSelected 12ÿ

1) The following symbols can be displayed.
normal Japanese symbols (lowercase letters, etc.)
and "(dakuten)", " (semi-voiced sound mark) can be displayed. ...

3 Press the alphabet / number / katakana

input button corresponding to the character you want to enter.

When you select Alphabet / Katakana 1
Button with the character you want to enter (ABC,
Press DEF or a (line), f (line), etc.
repeatedly to display the desired character.
You can also switch characters by
pressing ./> repeatedly. To select a symbol,
blink "A" and then press. Repeatedly.

2 Press M.

The characters you type are displayed and the
cursor flashes at the next position.

When you select a
number, the number of the button you pressed is
displayed, and the cursor blinks at the next position.

4 Repeat steps 2 and 3 to enter all the characters.

To change a character,
press m / M repeatedly to blink the character
you want to change, press CLEAR to erase
the character, and then repeat steps 2 and 3.

5 Press YES. The disc

name or song name is displayed from the
beginning.

When "Complete!" Is displayed and
disappears, it will be named.

Press MENU / NO or x to **stop naming** .

Erase the name

Specify the song name or disc name to erase.

1 Press MENU / NO while stopping, playing,
recording, or pausing . The "Edit Menu" is
displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press. ./> on the
computer to display "Nm
Erase?" And press the AMS
knob or YES.

3 Turn the AMS knob (Rimo)

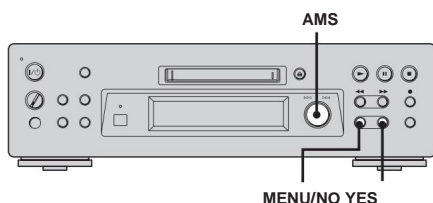
Flash the song number (when erasing the
song name) or "Disc" (when erasing the disc
name), and press the AMS knob or YES to
display "Complete!" When it disappears, the
name disappears.

Press MENU / NO or x to **stop erasing the
name** .

Change the recording level after recording (SF EDIT)

You can change the audio level of a recorded song. The original song will be overwritten at the new recording level. Also, if you set fade-in / fade-out for a recorded song, you can create a song in which the beginning of the song is played gradually larger or the end of the song is played smaller.

It is not possible to change the recording level (SF EDIT) of a song recorded on an MDLP.



Change the recording level of the entire song

1 During stop, play, pause,

Press MENU / NO

The "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press. /> on the computer to display "SF Edit?" And press the AMS knob or YES.

3 Turn the AMS knob (Rimo)

Repeatedly press. /> on the computer to display "Tr Level?" And press the AMS knob or YES.

4 Turn the AMS knob (press ./> on the remote control repeatedly) until the song number for which you want to change the recording level is displayed, and then press the AMS knob or YES.

5 While listening to the sound being played

Turn the AMS knob (press the ./> on the remote control repeatedly) to change the recording level. You can change the recording level within the range of -12dB to +12dB (in units of 2dB). Adjust so that the peak level meter "OVER" is not always lit when the playback level is the highest.



Adjust so that this is not always lit

If you press CLEAR here, the recording level will return to the default value.

6 Press the AMS knob or YES

vinagar

"SF Edit OK?" Is displayed.

7 Press the AMS knob or YES

again. The song rewriting starts. During rewriting, "SF Edit: **%" is displayed. Rewriting a song takes about the same or longer than the playing time of that song. After rewriting,

"Complete!" Is displayed for a few seconds.

Make a song that fades in / fades out

1 During stop, play, pause,

Press MENU / NO "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

Repeatedly press. ./> on the computer to display "SF Edit?" And press the AMS knob or YES.

3 Turn the AMS knob (Rimo)

Repeatedly press. ./> on the computer to display "Fade In?" Or "Fade Out?" Press the AMS knob or YES

4 Turn the AMS knob (press the ./> on the remote control repeatedly) until the song number you want to fade in or fade out is displayed, and then press YES for the AMS knob . "Time 5.0s" is displayed.

5 While listening to the sound being played Turn the AMS knob (press the ./> on the remote control repeatedly) to adjust the time to fade in or fade out.

The part that fades in or fades out is played repeatedly. It can be adjusted from 1 second to 15 seconds (in 0.1 second increments). You cannot set the song beyond the playback time. If you press CLEAR, it will return to the initial value.

6 Press the AMS knob or YES

vinegar

"SF Edit OK?" Is displayed.

7 Press the AMS knob or YES again . The song rewriting starts. During rewriting, "SF Edit: **%" is displayed. When the rewrite is complete, "Complete!" Will be displayed for a few seconds.

To stop SF EDIT in the middle, press MENU / NO or x in steps 1-6. If you press the AMS knob or YES in step 7 to start rewriting, you cannot stop the operation in the middle.

Notes •

Do not shake the unit or unplug the power plug while rewriting music.
The recorded information is corrupted and will not be recorded correctly. • SF EDIT cannot be used for songs recorded in LP2 or LP4 stereo. • Do not use scratched or dirty discs

stomach. Recording information may not be recorded correctly.

- Sound quality deteriorates when changed many times using SF EDIT increase.
- Even if you use SF EDIT to return the changed song to the original level, it does not completely return to the original recording level.
- Songs modified using SF EDIT cannot be restored to their original state using the undo function.

Undo the last edit operation (UNDO)

Undo the last edit operation and the previous one. Return to the contents of MD. However, please note that you cannot undo if you perform any of the following operations after editing.

- Perform other editing operations.
- Perform recording operations.
- Turn off the power or remove the MD to record the edited contents.
- Unplug the power plug from the outlet.

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

1 During stop, play, pause,

Press MENU / NO "Edit Menu" is displayed.

2 Turn the AMS knob (Rimo)

If you have not performed the editing operation to display "Undo?" (By repeatedly pressing ./> on the computer) ,

"Undo?" Is not displayed.

3 Press the AMS knob or YES

vinegar

Depending on the last edit operation you made, you will see a message similar to the following:

Last edit operation Display Erase	
one song at a time Erase all songs	Erase Undo?
at once Erase a part of a song	Erase Undo?
Separate songs	Divide Undo?
Connect	CombineUndo?
songs Move Undo? Give songs and	
discs a name Rename Delete a name	Name Undo?

4 Press the AMS knob or YES again . When

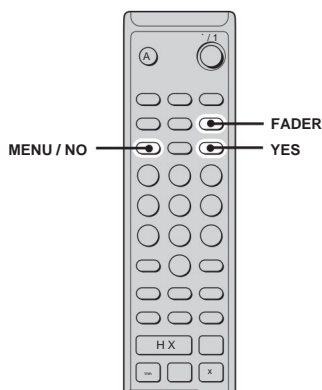
"Complete!" Is displayed for a few seconds and disappears, the MD returns to the contents before editing.

Press MENU / NO or x to **cancel the editing operation in the middle** .

Other features

Z with fade-in / fade-out

You can gradually increase the volume to start recording (fade-in recording), or gradually decrease the volume to end recording (fade-out recording).



Fade-in recording

Press FADER when you start fading in while recording is paused. "B" flashes during fading in. Fade in for 5 seconds (default) until the counter reaches "0.0s".

Fade out recording

Press FADER at the beginning of the fade-out during recording. During the fade-out, "B" flashes. It fades out for 5 seconds (default) until the counter reaches "0.0s". Recording is automatically paused when the fade-out is complete.

You can change the z-fade time. You can set the fade-in time and fade-out time separately. 1 Press MENU / NO during stop, play, and pause.

2 Press /> repeatedly to display "Setup?". And press YES.

3 Turn the AMS knob (press ./> on the remote control repeatedly) to select the setting, and then select the setting. Press the AMS knob or YES.

Change the time Destination

Select Settings Fade-in recording F.in

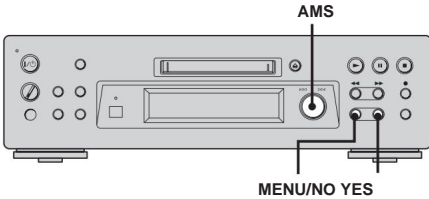
Fade out recording F.out

4 Turn the AMS knob (press ./> on the remote control repeatedly) to set the fade time, and then press the AMS knob or YES. The fade-in and fade-out times can also be set from 1 second to 15 seconds (in 0.1 second increments).

5 Press MENU / NO.

Use sleep timer

After the specified time, the power of this unit will be turned off automatically.



- 1 While stopped or playing,
Press MENU / NO

- 2 Turn the AMS knob (Rimo)
Repeatedly press. /> on the
computer to display "Setup?" And
press the AMS knob or YES.

- 3 Turn the AMS knob (Rimo)
Repeatedly press. /> on the
computer to display "Sleep Off"
and press the AMS knob or YES.

4 Turn the AMS knob (Rimo)

Select the setting (press the. /> of
the computer repeatedly) and
press the AMS knob or YES.

Select sleep timer Setting to work	
	Sleep On
Not working	Sleep Off (default)

When "Sleep On" is selected, "Sleep 60
min" is displayed. The power turns off
automatically after 60 minutes.

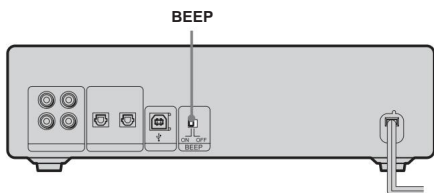
5 Press MENU / NO

z You can check the time until the power turns
off. 1 After activating the sleep timer, perform
steps 2 of "Using the sleep timer".

- 2 Turn the AMS knob (press ./> on the remote
control repeatedly) to display "Sleep **
min".

About the confirmation sound of the operation

A confirmation sound (beep sound) can be emitted when the unit is operated or when a specific condition is reached. During recording, the confirmation sound is output only from the PHONES terminal of the main unit.



Set the BEEP switch to **set the confirmation sound to "ON"**.

Confirmation sound

and operation • High sound "pip"

- Turn on the power
- Start playback or recording
- 1) -Press A to remove the MD

• Low sound "Bi"

- Net MD mode is entered. •

Long and high sound "Pee" -Power is turned off-Playback and recording are stopped-Net MD mode is canceled.

• Continuous high-pitched "beep"

- Cancel or end menu operation did
- Edit menu items or settings do not switch anymore

-Returned to normal playback, the recording level is

Each setting (INPUT, REC MODE, etc.) of this unit, such as returning to 0 dB (initial setting value)

PLAY MODE, REPEAT, etc.) has returned to its initial state. • Continuous low-pitched sound

"Bibi" -No more switching of setup menu items or settings

• Beep and treble "Bip" -The edit

menu sub-item or setting value does not switch anymore.

• High-pitched sound "pee-pee-pee" three times in a row

-While recording or recording is paused, the peak level meter "OVER" lights up (recording level exceeds the appropriate value) -INPUT, REC MODE, PLAY MODE

Switching operation is invalid

-N or X without MD pushed

-Press z (Record) when there is no time left on the MD-The USB cable is not connected correctly ("Check USB" is displayed) -The operation of NET MD is invalid ("Push STOP" is displayed) • Low-pitched sound is heard three times in a row.

-Recording level has reached the maximum or minimum value-Level Sync setting has reached the maximum or minimum value • Continuous low-pitched sound

continues "bi-bi-bi-bi-bi" -Self-diagnosis function has worked • High-pitched sound 5 times in a row "Peep Peep Peep"

-There is less than 3 minutes left to record during recording. • Low-pitched sound continues "Bi, Bi, Bi"

-This unit is still in the recording standby state • Low sound is "bibibi" three times in a row-The unit is in the recording level change state • Low sound and high sound are in the recording standby state multiple times in a row-Recording standby state When, the remaining time of MD is expressed in units of 10 minutes. For example, 10 minutes will sound 1 time, 50 minutes will sound 5 times, and 100 minutes will sound 10 times.

1) The confirmation sound does not affect the recorded content.

Set the BEEP switch so that there is no confirmation sound to "OFF".

Note If you

press SCROLL on the remote control without MD, a confirmation sound will be heard and the settings will change as follows. • Shuffle playback and program playback are canceled and

It will return to normal playback.

• All song repeats or one song repeats are cancelled

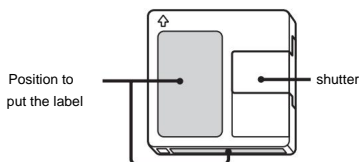
- The recording mode changes to stereo.
- The input changes to ANALOG.

Other information

How to handle MD

The MD is stored in a cartridge so that it can be easily handled without worrying about dust and fingerprints. However, dirt or warpage of the cartridge may cause malfunction. Please note the following so that you can enjoy the beautiful sound forever.

- If you try to force the shutter open, it may break. If the shutter opens, close it immediately without touching the internal disc directly.
- Be sure to attach the label attached to the disc to the indentation for attaching the label. The shape of the label depends on the disc.



Placement

Do not place in places with high temperature or high humidity such as in direct sunlight.

Regularly clean the cartridge

with a dry cloth to wipe off any dust or debris on the surface of the cartridge.

System constraints

The MD (MiniDisc) system records in a different way than traditional cassettes and DATs. As a result, there are some system restrictions that may result in the following symptoms: Please note that these are not malfunctions.

Even if you haven't reached the maximum recordable time

In MD systems where **"Disc Full"** is displayed, **"Disc Full"** is displayed when the number of songs is full, regardless of the time. You cannot record more than 256 songs. To add more songs, delete unnecessary songs or record them separately on the second MD.

Even though there are plenty of songs and recording time

"Disc Full" is displayed if a lot of information such as enhancement information is turned on and off during a song, it will be treated the same as a song break, and **"Disc Full"** will be displayed regardless of the time or number of songs.

The remaining time of MD does not increase no matter

how many short songs are erased. When displaying the remaining time of MD, the part of 12 seconds * or less (in stereo mode) is ignored, so the time is added even if the short songs are erased. It may not be done.

* When recording in stereo. (Approximately 24 seconds for monaural and LP2 stereo recording, approximately 48 seconds for LP4 stereo recording)

If the total of the time recorded on the MD and the remaining time does not match the maximum recordable time, one cluster (about 2 seconds *) (in

stereo mode) is usually recorded in the smallest unit. Even

if it is not enough, it uses a space of 2 seconds * minutes.

Therefore, the actual usable time is reduced. Also, if there is a scratch on the MD, that part will be deleted automatically, which will reduce the time required.

* When recording in stereo. (Monaural, LP2 stereo recording 4 seconds for time, 8 seconds for LP4 stereo recording)

When searching for a song created by editing, the sound may be interrupted.

It may not be possible to connect songs that have been edited may not be able to be connected.

The song number may not be assigned correctly When recording a CD with a digital connection, a short song may be created depending on the recorded sound content of the CD. Also, if you set "T.Mark" in the setup menu to "Lsync" and automatically add a song number during recording, the song number may not be added correctly depending on what you are recording. vinegar.

The "Reading" display does not disappear easily. If you insert the recording MD you just purchased, the "Reading" display will be displayed longer than usual.

Discs recorded in monaural mode may not display the time accurately.

Rules for Copying Digital Audio — Serial Copy Management System

In digital audio, voice is exchanged with a digital signal. These include compact discs (CDs), minidiscs (MDs), digital audio tapes (DATs), and satellite digital music transmissions. These allow you to easily copy music with little deterioration. For this reason, copy restrictions that 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 outline is as follows.

Principle 1 Digital recording from digital recording to other digital recording equipment (MD, DAT deck, etc.) is not possible.

Principle

2 Analog recordings can be digitally recorded only once on other digital recording devices.

Notes •

Digital recording is not possible from the CS / BS tuner.

You may. This is because broadcasters may prohibit or restrict digital recording of broadcast channels and programs. • The above principle does not apply when analog input / output terminals of devices are connected to each other for analog recording. • Removing, modifying and making copies of copy control signals to protect copyright is prohibited by law, even for personal enjoyment.

What you record cannot be used without the permission of the copyright holder under copyright law, except for personal enjoyment. The price of this product includes private recording compensation as stipulated by the Copyright Law. (Contact: Private Copy Levy Management Association Tel. 03-5353-0336)

Is it a malfunction? If you think

If something is wrong with the unit, first remove the power plug, then reconnect the power plug, and then check the items below. If it still does not work, contact the store where you purchased the product, Sony service counter, or Sony consultation counter (back cover).

stomach.

Do not accept operations.

c The MD is dirty or damaged. Replace with a new MD.

I can't play it. c

Condensation (water droplets adhere to the inside of the main body) vinegar. Take out the MD and leave it on for 1 to several hours.

c Turn on the power. c Check the connection with the amplifier and operate it correctly.

c Insert according to the direction of the MD arrow Please.

c Contains a new MD. Has been recorded Please replace it with the MD.

There is a lot of noise. c Charge and separate from the TV, etc.

I can't record. c

MD is in the erasure prevention state. Move the erasure prevention knob to close the hole.

c Check the connection with the sound source. c Press INPUT and select the sound source correctly

stomach.

c Increase the recording level. c Replace with a recording disc. c Replace with a recording disc that has sufficient remaining time. Or, delete unnecessary songs. c If the power cord is unplugged during recording or a power failure occurs

If this happens, you may not be able to record the contents of the recording. Please re-record from the beginning.

A message and 3- or 5-digit alphanumeric characters are displayed alternately in the display window. c The self-diagnosis display function is working. Take action by looking at the table on page 47. If none of the above actions work properly, remove the power plug and then plug it back in again.

Self-diagnosis function and display list

This machine has a self-diagnosis display function. When the machine is not operating properly, a 3-digit or 5-digit alphanumerical code and a message are displayed alternately in the display window to notify you. Please refer to the table below and take appropriate action according to the display. If it does not return to normal even after repeating it a few times, contact a Sony service representative.

Code / Message	Cause and Remedy
The disk is in the state C11 / . c Remove the disc and insert a new one according to the instructions (page 13).	Protected
C12/ Cannot Copy	I tried to record a sound source that cannot be recorded, such as a CD-ROM or DVD. c Remove the disc and Insert a music CD.
C13/ REC Error	I couldn't record correctly. c Install this unit in a place where there is no vibration, and try recording again. The disc is heavily soiled (oil film, finger marks, etc.), scratched, or the disc is out of specification. c Replace the disc and try recording again. The disc information could not be read correctly. c Reinsert the disc. The disc information could not be read correctly. c Try inserting another disc. c If you want to delete all the contents on the disc, delete all the recorded contents (page 29).
C14/ TOC Error	

Code / message	Cause and how to deal with the sound
Cannot Copy. Or you are trying to record a CD-R. c Cannot copy due to serial copy management system (page 45).	source that you tried to record
C71/ From Unlock	CD-R cannot be recorded. If it appears and disappears for a moment, it is due to the signal of the digital broadcast being recorded. It does not affect the recorded content. The connection during recording from a digital sound source is incomplete, or the connection cable is disconnected. The sound source is turned off. c Check the connection or turn on the digital device. There was a problem with the internal
E0001/ MEMORY OF	information required to operate this machine. c Please contact your nearest Sony service counter.
E0101/ LASER OF	There was a problem with the optical pickup. c There is a possibility of failure vinegar. Please contact your nearest Sony service counter.
E0201/ LOADING OF	There was a problem with loading. c There is a possibility of failure vinegar. Please contact your nearest Sony service counter.

Message display list

When you are using it, you will get an English message depending on the situation. The meaning of Japanese is as shown in the table below. See also "Self-diagnosis function and display list" on page 47.

Message meaning	
Auto Cut Auto Cut is working (page 17).	
Blank Disc I inserted a recording MD that I just purchased, or a recording MD that erased all songs.	
Busy NOW! You pressed NET MD during check-in / check-out. Turn off the Net MD function after the operation is completed.	
Cannot Edit The program tried to edit in the shuffle playback state. I also tried to edit an MD that was recorded in LP2 or LP4 stereo.	
Check USB USB cable is not connected properly.	
CONNECT check-in / check-out It is carried out. (If an invalid operation is performed at this time, "CONNECT!" Will be displayed.) Recording is not possible because there is no remaining time on the Disc Full! MD ("System Control", page 44).	
Impossible Recording or editing operations are not possible.	
Incomplete! The recording level was not changed or the fade-in / fade-out operation was not performed correctly after recording due to vibration of the main unit, scratches on the disc, or dirt. This unit does not remember the	
Initialize (lit off)	settings of the setup menu. Also, the content recorded last time is not correctly recorded on the MD. Also, this unit does not remember the playback status when it was used last time . (When the power is turned on by pressing the? / 1 (power) switch, it blinks for about 4 seconds.)

Name Full! The number of characters in the song title and disc name has reached the upper limit. You can only enter up to about 1700 characters.	
Net MD	The Net MD function is turned on. (If you perform an invalid operation at this time, "Net MD!" Will be displayed.)
No Change When changing the recording level after recording, the AMS knob or YES was pressed without changing the recording level, so the recording ended without rewriting.	
Disc no	MD is not included.
No Name No name.	
Premastered Recording is not possible with commercially available MD software. Also, commercially available MD software cannot be edited.	
An invalid key was pressed while Push STOP! MD was operating. After stopping, operate again.	
S.F Edit!	An attempt was made to perform another operation while SF EDIT (change recording level after recording, fade-in / fade-out) was in progress. No other operation can be performed while SF EDIT is running.
SF Edit NOW You pressed the? / 1 (power) switch while performing SF EDIT (change the recording level after recording, fade in / fade out) . If the power is turned off while SF EDIT is running, rewriting will not end normally. Turn off the power after rewriting is completed.	
Smart Space Smart space is working (page 17).	
Step Full! The programmed song has reached the maximum value and cannot be programmed any more.	
Immediately after inserting the Reading MD, the recorded information is being read into this unit. To.	
Some songs, such as songs checked out on a Tr Protected Net MD device, cannot be operated because the songs are protected.	

Warranty and after-sales service

Warranty

- This product comes with a warranty card, so please pick it up at the store of purchase.
- Make sure to fill in the required items and check the contents, and save it in a safe place.
- The warranty period is one year from the date of purchase.

After service

If you are not feeling well, please check this manual again to check it.

If you still feel unwell, contact the service where you purchased the product, or contact the nearest Sony service counter in the attached "Sony Consultation Counter Information".

Repairs during the warranty period will be repaired based on the contents of the warranty card. Please see the warranty for details.

Repairs after the warranty period will be charged if the function can be maintained by repair.

About the parts retention period We hold stereo repair performance parts (parts necessary to maintain the function of the product) for 8 years after the production is discontinued. This parts holding period will be the repairable period. Even after the retention period has expired, repairs may be possible depending on the location of the failure, so please contact the store where you purchased the product or the service counter.

Replacement of parts This product may recycle or reuse the parts that were replaced during repair. At that time, the replaced parts will be collected after obtaining the consent.

Please let us know the following when you consult with us. • Model name: MDS-S500 • Failure status: As detailed as possible • Date of purchase:

Main Specifications

form Minidisc Digital Audio System Disc Minidisc

Recording method Magnetic field modulation Overwrite method
Playback reading method Non-contact optical reading (using semiconductor laser) Laser Semiconductor laser ($\lambda = 780\text{nm}$)

Error correction method ACIRC (Advanced Cross Interleaved Reed-Solomon Code) Sampling Frequency

44.1kHz
Coding ATRAC (Adaptive Transform Acoustic Coding) / ATRAC 3 Modulation Method EFM Number of Channels Stereo 2 Channels Frequency

Characteristics 5 to 20,000Hz $\pm 0.5\text{dB}$

SN ratio 96 dB or more during playback

Input
terminal Analog input (ANALOG IN)

Terminal name Terminal shape Pin
jack Input impedance 47k Ω Reference input level

500mVrms Minimum input level
125mVrms

Terminal name Digital optical input (DIGITAL)
OPTICAL IN \bar{y}

Terminal shape Square optical connector jack Emission wavelength 660nm

Output

terminal PHONES
Terminal name Terminal shape Stereo
mini jack Output level 10 mW Load
impedance 32j

Terminal Analog output (ANALOG OUT)
name Terminal shape Pin jack
Output level 2Vrms (at 50kj) Load
impedance
10kj or more

Terminal name Digital optical output (DIGITAL)
OPTICAL OUT)
Terminal shape Square optical connector jack
Output level – 18dBm Emission
wavelength 660nm

USB terminal
USB connector series B


Power supply /
Other power supplyAC 100V, 50 / 60Hz Power
consumption 9W (0.6W in standby) Maximum
external dimensions 280 x 82.5 x 300mm
(Width / Height / Depth, including maximum
quality protrusion) 2.5kg

See
page 9 for accessories .

Optional accessories compatible with this unit are subject to
change without notice. For details, contact the store where you
purchased the product, the Sony service counter, or the Sony
consultation counter (back cover).

Dolby Laboratories licensed product based on US and
foreign patents.

Please note that the specifications and appearance are subject
to change without notice for improvement.



Standby power consumption
0.6W Halogen-based flame-retardant material is not used
for the main printed wiring board.
Lead-free solder is used for the main soldering parts
No halogen-based flame retardant material is used in the
cabinet.

List of items in the edit menu

With this unit, you can perform various edits by
operating the menu. Each editing operation is as
described in each item, but each item in the menu and
its function are summarized in the table below. Please
use it as a reference for operation.

How to enter the edit menu

Press the MENU / NO button to display the "Edit
Menu".

Note
The items displayed when you press the MENU / NO
button differ depending on the status of the unit.

Item	Sub-item	Function	reference page
<hr/>			
Nm In?	— Give a name to a song or disc.		Page 34
<hr/>			
Nm	— Erase the name. 37 Erase?	Page Tr	
Erase?	— Erase a song. Page 29		
<hr/>			
Move?	— Move a song. Page 33 — Connect		songs.
<hr/>			
Combine	32 pages		
?			
<hr/>			
Divide?	— Divide the song. Page 31		
<hr/>			
A-B	— Erase part of the song.	30	
Erase?		pages	
<hr/>			
All Erase?	— Erase all songs at once.		Page 29
<hr/>			
Undo?	— Undo the last editing operation.		
	Change the		Page 40
<hr/>			
S.F Edit? Tr	recording level		
Level?	of the entire song.	Page 38	
<hr/>			
Fade	Make a song		
In?	that fades in.	Page 39	
<hr/>			
Fade	Make a song		
Out?	that fades out.	Page 39	
<hr/>			
Setup?	— Enter the setup menu.		Page 51
<hr/>			

List of items in the setup menu

With this unit, you can make various settings by operating the menu. For each operation required for setting
As stated in the item, the function, setting value, initial value, etc. of each item in the menu are as follows.
I summarized it in the table. Please use it as a reference for operation.

How to enter the setup menu

- 1 Press MENU / NO while stopped.
- 2 Turn the AMS knob (press the ./> on the remote control repeatedly) to display "Setup?"
Press the AMS knob or YES.

project	Work	Set value	Default value reference page	
T.Mark	Set the track marking method. L.Sync / Off Auto track marking		LSync	page 16
LS(T)	reference level Set.	-72dBȳ0dBȳ2dB unit)	-50dB	page 16
S.Space	Set smart space and auto cut To.	On/Off	On	Page 17
P.Hold	Always display the highest level of the input signal (Peak hold function).	On/Off	Off	Page 19
F.in	Set the fade-in time.	1.0sȳ15.0s	5.0s	page 41
F.out	Set the fade-out time.	1.0sȳ15.0s	5.0s	page 41
Sleep	Set the sleep timer.	On/Off	Off	Page 42

To return the set value to the initial value

Press CLEAR on the setting screen for each item.

index

In alphabetical order

A line

Pause 13, 22 Autocut 17

Ka line

Confirmation
sound 43 Erase
song number 32

Add song number
automatically 16 Add

by yourself 16 Move song

33 Erase song one by
one 29 Erase part of
song 30 Erase all songs
at once 29 Connect songs

32 Divide songs 31 Repeat
playback 1 song repeat 25 All
songs repeat 25

AB Repeat 25 Code

Audio Connection Cord

10 Optical Digital Connection
Cable 10 Accidental Erase
Prevention Knob 13

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Search 24

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Play 22 Sampling rate
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Line

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Line

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mode 15

Alphabetical order

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BEEP sound
43 COMBINE 32
DIVIDE 31 ERASE
29 MD (Minidisc)
Recording 14, 28
Extract 13, 22
Recording MD 13
MDLP Recording 15
MOVE 33 NAME 34 Net
MD 11 SF EDIT 38 TOC
14, 28 UNDO 40

よくあるお問い合わせ、解決方法などはホームページをご活用ください。

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

使い方相談窓口

フリーダイヤル
.....0120-333-020
携帯電話・PHS:一部のIP電話
.....0466-31-2511

修理相談窓口

フリーダイヤル
.....0120-222-330
携帯電話・PHS:一部のIP電話
.....0466-31-2531
※取扱説明書・リモコン等の購入相談は
こちらへお問い合わせください。

上記番号へ接続後、最初のガイダンスが流れている間に
「3 0 6」+「#」
を押してください。直接、担当窓口へおつなぎします。

FAX (共通) 0120-333-389

受付時間 月～金:9:00～20:00 土・日・祝日:9:00～17:00

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