

SONY.

4-229-587-13(2)

MiniDisc Deck

Operating Instructions



MDLP

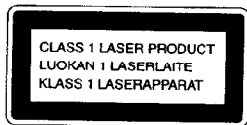
MDS-JE640
MDS-JE440

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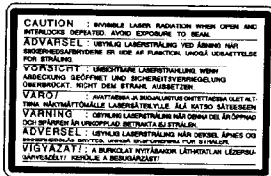
WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

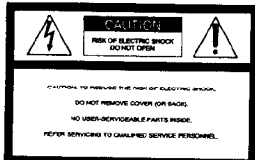


The following caution label is located inside the unit.



IN NO EVENT SHALL SELLER BE LIABLE FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.

For customers in the U.S.A.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

You are cautioned that any changes or modification not expressly approved in this manual could void your authority to operate this equipment.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Owner's Record

The model and serial numbers are located on the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____
Serial No. _____



ENERGY STAR® is a U.S. registered mark. As an ENERGY STAR® Partner, Sony Corporation has determined that this

product meets the ENERGY STAR® guidelines for energy efficiency.

For customers in Canada

This Class B digital apparatus complies With Canadian ICES-003.

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Welcome!

Thank you for purchasing the Sony MiniDisc Deck. Before operating the deck, please read this manual thoroughly and retain it for future reference.

About this manual

The instructions in this manual are for models MDS-JE640 and MDS-JE440. The MDS-JE640 is the model used for illustration purposes. Any difference in operation is clearly indicated in the text, for example, "MDS-JE640 only".

Conventions

- Controls in these instructions are those on the deck; these may, however, be substituted by controls on the supplied remote that are similarly named, or, when different, appear in the instructions within parentheses. Example: Turn AMS clockwise (or press ►► repeatedly).
- The following icons are used in this manual:
 - Indicates a procedure that requires use of the remote.
 - Indicates hints and tips for making the task easier.

TABLE OF CONTENTS

Location and Function of Controls

- Front panel description 4
- Rear panel description 6
- Remote control description 6
- Display window description 8

Getting Started

- Before you start the hookup 10
- Hooking up the audio components 11

Recording to MDs

- Recording to an MD 13
- Notes on recording 15
- Recording for long times 15
- Adjusting the recording level 16
- Recording tips 17
- Marking track numbers while recording (Track Marking) 19
- Starting recording with six seconds of prestored audio data (Time Machine Recording) 20
- Synchro-recording with the audio component of your choice (Music Synchro-recording) 20
- Synchro-recording with a Sony CD player (CD Synchro-recording) 21

Playing MDs

- Playing an MD 23
- Playing a specific track 24
- Locating a particular point in a track 25
- Playing tracks repeatedly (Repeat Play) 26
- Playing tracks in random order (Shuffle Play) 27
- Creating your own program (Program Play) 27
- Tips for recording from MDs to tape (MDS-JE640 only) 29

Editing Recorded MDs

- Before you start editing 30
- Erasing tracks (ERASE) 31
- Dividing tracks (DIVIDE) 33
- Combining tracks (COMBINE) 34
- Moving tracks (MOVE) 34
- Naming a track or MD (NAME) 35
- Changing the recorded level after recording (S.F EDIT) 37
- Undoing the last edit (UNDO) 39

Other Functions

- Changing the pitch (Pitch Control Function) (MDS-JE640 only) 40
- Fading in and fading out 41
- Falling asleep to music (Sleep Timer) 42
- Using a timer (MDS-JE640 only) 43
- Using the CONTROL AIII control system (MDS-JE640 only) 44

Operating the MD Deck Using a Keyboard

- Setting the keyboard 46
- Naming a track or MD using the keyboard 47
- Operating the deck using the keyboard 48
- Assigning characters to keyboard keys 48

Additional Information

- Precautions 50
- Handling MDs 51
- System limitations 51
- Troubleshooting 52
- Self-diagnosis function 53
- Display messages 54
- Specifications 55
- Edit menu table 56
- Setup menu table 56

Index 58

Location and Function of Controls

This chapter describes the location and function of the various buttons, controls, and jacks on the deck and the supplied remote. Further details are provided on the pages indicated in the parentheses.

It also describes the information that appears in the display window

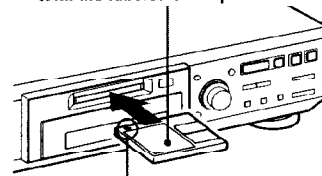
Front panel description

1 I/O (power) switch/STANDBY indicator (13) (23) 8
Press to turn on the deck. When you turn on the deck, the STANDBY indicator turns off. When you press the switch again, the deck turns off and the indicator lights up.

2 Remote sensor (MDS-JE640 only) (10)
Point the remote toward this sensor () for remote operations. For MDS-JE440, the remote sensor is located on the display window.

3 MD Insertion slot (13) (23)
Insert an MD as illustrated below.

With the labeled side up



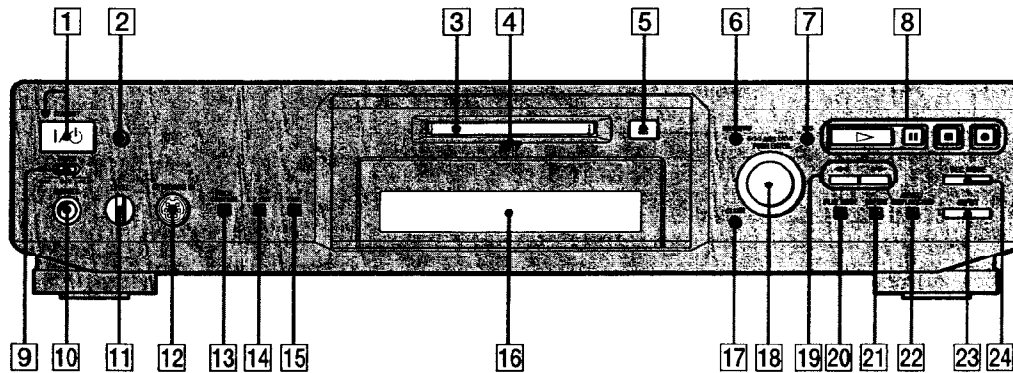
With the arrow pointing toward the deck

4 MD LP indicator (15) (23) 9
Lights when the deck is playing or recording to an MD in LP2 or LP4 Stereo mode. 10

5 Eject button (14) (23) 11
Press to eject the MD. 12

6 MENU/NO button (17) (27) (30) (46) (56) 13
Press to display the Edit Menu or Setup Menu. 14

7 YES button (17) (27) (30) (46) 15
Press to carry out the selected operation.



- 8** ▷ button (13) (23)
Press to start play.
- button (13) (23)
Press to pause play or recording. Press again to resume play or recording.
- button (14) (23)
Press to stop play or recording, or cancel the selected operation.
- button (13) (17) (19)
Press to record to the MD, monitor the input signal, or mark track numbers.
- 9** **TIMER selector (MDS-JE640 only) (43)**
Use to set the timer for recording (REC) or playing (PLAY). Set to OFF to turn off the timer.
- 10** **PHONES jack (MDS-JE640 only) (23)**
Connect headphones to this jack.
- 11** **LEVEL control (MDS-JE640 only) (23)**
Turn to adjust the volume of the headphones.
- 12** **KEYBOARD IN jack (MDS-JE640 only) (46)**
Connect a keyboard to this jack to operate the deck using the keyboard.
- 13** **PITCH CONTROL button (MDS-JE640 only) (40)**
Press to set the MD playback speed (pitch). When you have set the pitch to a value other than "0", the button lights up during play.
- 14** **S.F EDIT button (MDS-JE640 only) (37)**
Press to change the recorded level after recording. The button lights up during the operation.
- 15** **TIME button (MDS-JE640 only) (17) (21)**
Press to display the remaining time.
- SCROLL button (MDS-JE440 only) (24)**
Press to scroll the name of a track or an MD.

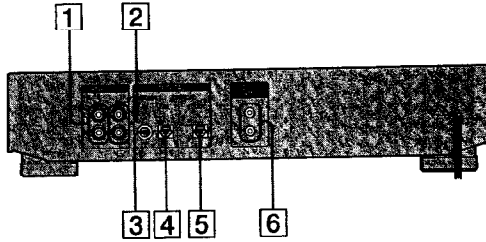
- 16** **Display window (8)**
Shows various information.
 - 17** **CLEAR button (27) (35)**
Press to cancel the selection.
 - 18** **AMS control (13) (23) (30) (40) (46)**
Turn to locate tracks, select the input characters, or select a menu item and a setting value.
 - 19** **◀/▶ buttons (25) (27) (30) (35)**
Press to locate a portion within a track, change the contents of a program, or change the input character.
 - 20** **PLAY MODE button (27) (43)**
Press to select Shuffle Play or Program Play or resume normal play.
 - 21** **REPEAT button (26)**
Press to play tracks repeatedly.
 - 22** **LEVEL/DISPLAY/CHAR button (9) (14) (16) (24) (27) (35)**
- | Press while the deck is | To |
|------------------------------|---|
| Recording or recording pause | Adjust the recording level |
| Stopped | Display disc information or the contents of a program |
| Recording | Display information on the track being recorded |
| Playing | Display information on the current track |
| Editing | Select the type of characters to be input |
- 23** **INPUT button (13)**
Press to select the input jack (or connector) of the program source to be recorded.
 - 24** **REC MODE button (15)**
Press to set the REC MODE to stereo, LP2, LP4 or MONO.

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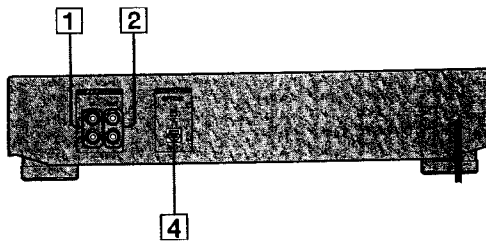
MD

Rear panel description

MDS-JE640

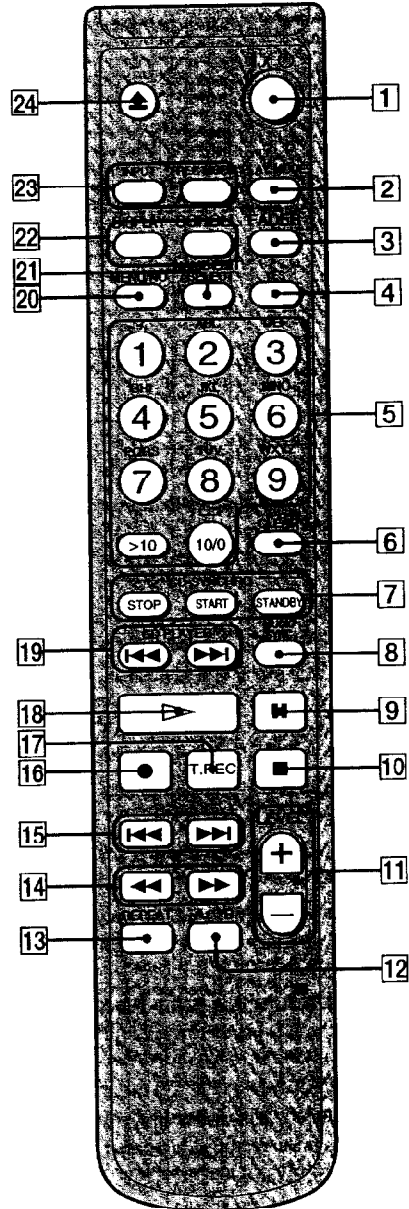














MDS-JE440



- 1 ANALOG IN jacks (11) (13)**
Use to input analog signals from other components.
- 2 ANALOG OUT jacks (11)**
Use to output analog signals to other components.
- 3 DIGITAL COAXIAL IN jack (MDS-JE640 European models only) (11) (13)**
Connect a digital coaxial cable to input digital signals from other components.
- 4 DIGITAL OPTICAL IN connector (11) (13)**
Connect a digital optical cable to input digital signals from other components. If your deck has IN1 and IN2 connectors, you can use either connector.
- 5 DIGITAL OPTICAL OUT connector (11)**
Connect a digital optical cable to output digital signals to other components.
- 6 CONTROL A111 jacks (11) (44)**

Remote control description



- 1** I/O (power) switch (13) (23)
Press to turn on the deck. When you turn on the deck, the STANDBY indicator on the deck turns off. When you press the switch again, the deck turns off and the indicator lights up.
- 2** PLAY MODE button (27) (43)
Press to select Shuffle Play or Program Play or resume normal play.
- 3** FADER button (41) 
Press to perform Fade-in Play/Recording or Fade-out Play/Recording.
- 4** YES button (17) (27) (30) (46)
Press to carry out the selected operation.
- 5** Letter/number buttons (24) (35) 
Press to input letters or numbers or select a track.
- 6** CLEAR button (27) (35)
Press to cancel the selection.
- 7** CD-SYNCHRO STOP button (21) 
Press to stop CD Synchro-recording.
CD-SYNCHRO START button (21) 
Press to start CD Synchro-recording.
CD-SYNCHRO STANDBY button (21) 
Press to enter standby for CD Synchro-recording.
- 8** MUSIC SYNC button (20) 
Press to start Music Synchro-recording.
- 9** II button (13) (23)
Press to pause play or recording. Press again to resume play or recording.
- 10** ■ button (14) (23)
Press to stop play or recording, or cancel the selected operation.
- 11** LEVEL +/- buttons (16) (23) 
Press to adjust the recording level or analog output level (MDS-JE640 only).
- 12** A↔B button (26) 
Press to select Repeat A-B Play.
- 13** REPEAT button (26)
Press to play tracks repeatedly.
- 14** ◀▶ buttons (25) (27) (30) (35)
Press to locate a portion within a track, change the contents of a program, or shift the cursor to the right.
- 15** ◀▶▶▶ buttons (13) (23) (31) (40) (46)
Press to locate tracks, adjust the recording level or select a menu item.
- 16** ● button (13) (17) (19)
Press to record to the MD, monitor the input signal, or mark track numbers.
- 17** T.REC button (20) 
Press to start Time Machine Recording.
- 18** ▷ button (13) (23)
Press to start play.
- 19** CD PLAYER ◀◀/▶▶ buttons (21) 
Press to locate tracks on the CD.
- 20** MENU/NO button (17) (27) (30) (46) (56)
Press to display the Edit Menu or Setup Menu.
- 21** NAME EDIT/SELECT button (35) 
Press to add the name, change the name of a track or an MD or select the type of characters to be input.
- 22** DISPLAY button (9) (14) (16) (24) (27)
Press to select the information to be displayed in the window.
SCROLL button (24) 
Press to scroll the name of a track or an MD.
- 23** INPUT button (13)
Press to select the input jack (or connector) of the program source to be recorded.
REC MODE button (15)
Press to set the REC MODE to stereo, LP2, LP4 or MONO.
- 24** ▲ button (14) (23)
Press to eject the MD.

4] Recording and editing indicators

L.SYNC indicator (19)

Lights when the deck is set to assign track numbers automatically during analog recording.

Rec mode indicators (15)

These indicators turn off during stereo recording/playback.

- "MONO" lights when the deck is set to Monaural Recording mode or playing an MD recorded in Monaural Recording mode.
- "LP2" lights when the deck is set to LP2 Stereo Recording mode or playing an MD recorded in LP2 Stereo Recording mode.
- "LP4" lights when the deck is set to LP4 Stereo Recording mode or playing an MD recorded in LP4 Stereo Recording mode.

SYNC indicator (20)

Lights during synchro-recording.

REC indicator

Lights during recording.

TOC indicators (15) (31)

- "TOC" lights to indicate the presence of TOC data that has not been written to the disc. "TOC" flashes when the TOC data is being written.
- "TOC EDIT" lights during edit operations.

5] INPUT Indicators (13)

- "OPT" or "D-IN" lights when the program source connected to the DIGITAL OPTICAL IN connector is selected. For models with two digital input connectors, "OPT1 (2)" lights when the program source connected to the DIGITAL OPTICAL IN1 (2) connector is selected.
- "COAX" lights when the program source connected to the DIGITAL COAXIAL IN jack (MDS-JE640 European models only) is selected.
- "ANALOG" or "A-IN" lights when the program source connected to the ANALOG IN jacks is selected.

6] Music calender

Shows all the track numbers within a grid if the MD is a premastered disc, or without a grid if the MD is a recordable disc. If the total number of tracks exceeds 15, ► appears to the right of number 15 in the music calendar.

7] SLEEP indicator (42)

Lights when the deck is set to turn off automatically after specified minutes.

8] Level meters

Display the audio signal levels during playing and recording.

Note

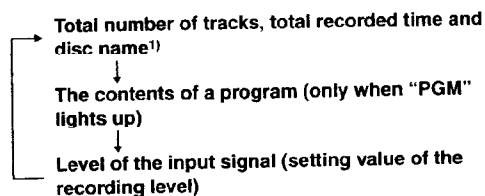
The display format that you have selected in each of the deck statuses (play, recording, etc.) will appear whenever the deck enters that status and you press LEVEL/DISPLAY/CHAR (or DISPLAY) or TIME (MDS-JE640 only) until you change the format to another (see the following sections for details). If you disconnect the AC power cord, however, all the displays will revert to their default (i.e., the factory set display) the next time you turn on the deck.

To change the display in stop mode

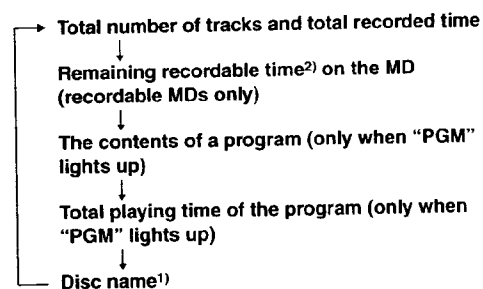
Press LEVEL/DISPLAY/CHAR (or DISPLAY) repeatedly to change the display.

Each press of the button changes the display as follows:

MDS-JE640



MDS-JE440



1) "No Name" appears when the disc has no name.

2) Time shown in the display differs depending on the setting of REC MODE.

Getting Started

This chapter provides information on the supplied accessories and hookups. Be sure to read this chapter thoroughly before you actually connect any equipment to the deck.


Before you start the hookup

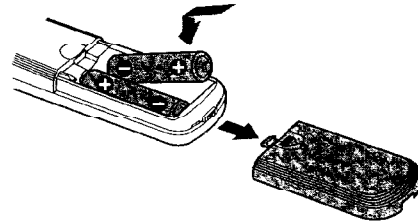
Checking the supplied accessories

This MD deck comes with the following items:

- Audio connecting cords (2)
- Optical cable (1)
- Remote commander (remote) (1)
- R6 (size-AA) batteries (2)

Inserting batteries into the remote

Insert two R6 (size-AA) batteries into the battery compartment with the + and - properly oriented to the markings. When using the remote, point it at the remote sensor  on the deck.



When to replace the batteries

Under normal conditions, the batteries should last for about six months. When the remote no longer operates the deck, replace both batteries with new ones.

Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatus. Doing so may cause a malfunction.
- If you don't use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Hook