

Portable MiniDisc Player

operating instructions

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Thank you for your purchase.



If safety precautions are not followed when using electrical appliances, it can lead to fires or personal injury.

This instruction manual contains important safety precautions and instructions for handling the product to prevent accidents. Please read this manual carefully and use the product safely. After reading, please keep it in a place where you can refer to it at any time.



MZ-EH1



For safety

Sony products are designed with safety in mind. However, all electrical products can be dangerous if used incorrectly, potentially causing fires, electric shocks, or other personal injuries. To prevent accidents, please be sure to follow the instructions below.

V

Follow safety precautions.

Please carefully read the precautions on pages 7-10. These contain general product precautions.

Inspect regularly

Once a year, check the AC power adapter to see if there is any dust accumulated between the plug and the outlet, and whether it is being used while malfunctioning.

If it breaks down, don't use it.

If you notice any malfunctions or damage to the AC power adapter or charging stand, please contact the store where you purchased the product or a Sony service center immediately for repair.

If something goes wrong...

If you hear strange noises or smell strange smells, or if smoke comes out...



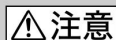
1. Remove the batteries.
2. Unplug the AC power adapter from the outlet.
3. Request repairs from the store where you purchased the product or from a Sony service center.

Meaning of Warning

Labels: The instruction manual and product use the following warning labels. Please carefully understand the meaning of the labels before reading the main text.



Failure to follow the precautions on this sign may result in personal injury, such as death or serious injury, due to fire or electric shock.



Failure to follow the precautions on this sign may result in electric shock or other accidents, causing injury or damage to surrounding property.

A warning symbol



火災



感電

Symbols that prohibit actions



禁止



接触禁止



ぬれ手禁止



分解禁止

Symbols that indicate actions



強制

- "Walkman" and "WALKMAN" are registered trademarks of Sony Corporation, representing headphone stereo products.

This is a registered trademark.



- Hi-MD, ATRAC, ATRAC3, ATRAC3plus, and their respective logos are the trademarks of Sony Corporation.

This is a company trademark.

What you can do with this device

This device allows you to play and enjoy discs recorded on Hi-MD devices, in addition to discs recorded on conventional MD devices .

What is Hi-MD?

This is a new MD format that is an evolution of the conventional MD format.

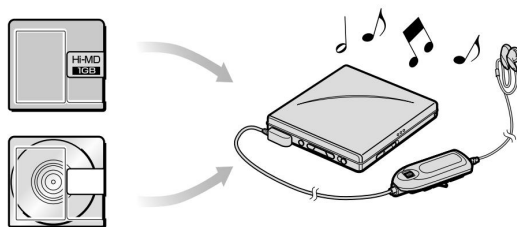
About the discs you can use

This machine supports the following discs:

For Hi-MD standard only

1GB disk

Conventional 60/74/80
minute discs*



* Depending on the settings of the recording device, the difference between discs recorded in Hi-MD mode and discs recorded in MD mode may vary.
There is a match.

Please note

This device is for playback only. Please use playback-only discs or discs that have already been recorded. You cannot record music or data onto discs using this device.

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Basic edition

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When you're in trouble - Q&A

When you're in trouble

MD Q&A

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Failure to follow the precautions below may result in serious injury due to fire or electric shock.

Do not use while driving .

Never use headphones or earphones, perform fine motor operations, or look at the display screen while driving a car, motorcycle, or other vehicle. This can cause traffic accidents.

- Also, when using it while walking, please pay close attention to the surrounding traffic and road conditions to prevent accidents.



Do not allow water or foreign objects inside.

If water or foreign objects enter the device, it may cause fire or electric shock. If water or foreign objects do enter the device, immediately turn off the switch, unplug the AC power adapter from the outlet, and contact the store where you purchased the product or Sony's service center.



AC adapters for domestic models (excluding world models) are for use in Japan only. Please use them with a 100V AC power supply. Using them with different power voltages overseas may cause fire or electric shock.



When thunder starts, do not touch the power plug, as this could cause electric shock.



Using charging stations, AC power adapters, car battery cords, or other non-designated devices may cause rupture, leakage, or overheating, leading to fire, injury, or damage to the surrounding area.



Do not open the main unit or its accessories unnecessarily . Opening or modifying them unnecessarily can cause fire or electric shock.



Do not touch the AC power adapter or charging stand with wet hands, as this may cause electric shock.



If the main unit, AC power adapter, or charging stand is not used while covered with cloth or other materials, heat can build up, causing the case to deform or potentially leading to a fire.



Do not charge or leave the device near a fire or in direct sunlight, as this can cause the internal temperature to rise and lead to fire or malfunction.



Do not place metal objects on the charging stand. If the charging stand's terminals come into contact with metal, a short circuit may occur, causing it to overheat.



Do not carry or store the device with metal objects. Carrying or storing the device with metal objects such as coins, keys, or necklaces may cause a short circuit and overheating.





Failure to follow the precautions below may result in injury or damage to surrounding property.

Avoid listening at high volumes for extended periods.

Listening at excessively loud volumes for long periods can negatively impact your hearing. This is especially important when using headphones. Listen at a volume where you can still respond if called upon.



禁止

Avoid turning the volume up too high from the start, as sudden loud noises can damage your hearing. Increase the volume gradually. This is especially important when listening to low-noise digital devices such as MDs, CDs, and DATs with headphones.



禁止

Do not touch the AC power adapter or charging stand, or the product itself, for extended periods while it is powered on. Prolonged contact of skin with the product can cause low-temperature burns.



禁止

Safety precautions regarding batteries

To avoid serious injury or blindness due to leakage, rupture, overheating, fire, or accidental ingestion, please be sure to follow the instructions below.



When a rechargeable battery leaks

If the rechargeable battery leaks, do not touch the fluid with your bare hands. The fluid may remain inside the device, so please contact our Customer Support Center or Sony Service Center.

If the liquid gets into your eyes, do not rub them, as it may cause blindness. Immediately rinse thoroughly with clean water such as tap water and seek medical attention immediately. If the liquid gets on your body or clothes, it may cause burns or injuries, so immediately wash it off with clean water. If you experience any inflammation or injury on your skin, consult a doctor.

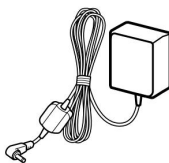


About rechargeable batteries

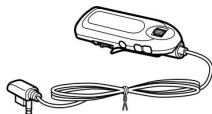
- Insert the correct + and - according to the markings on the device.
 - Do not charge with anything other than the designated charging stand or AC power adapter.
 - If a carrying case for rechargeable batteries is included, always place the batteries in the carrying case.
- Carry and store with care.
- Do not put in fire. Do not disassemble or heat.
 - Do not use, store, or leave in high-temperature places such as near fire, in direct sunlight, or inside a car in direct sunlight. do not.
 - Do not carry or store with metal objects such as coins, keys, or necklaces. Avoid short circuits.
 - Do not peel off or damage the outer vinyl tube.
 - Do not use leaking batteries.
 - Do not use rechargeable batteries other than the specified type.
 - Remove batteries when they are completely depleted. Also remove them when not using the device for extended periods.
 - When not using the device for a long time, remove the rechargeable batteries and store them in a cool, dry place. When storing, do not store the rechargeable batteries when they are completely depleted or 100% charged to prevent deterioration of the batteries .

Check the included accessories.

- AC power adapter • Charging stand



- Remote control
(supports Kanji and Kana display)



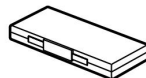
- Headphones



- Rechargeable lithium-ion
battery LIP-4WM



- Rechargeable battery case



- Carrying pouch



- MZ-EH1 Instruction Manual

- Warranty

- Card • Sony Customer Service Information

Please note

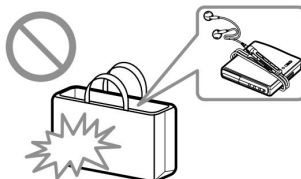
When using this unit, please be sure to observe the following to prevent deformation or malfunction of the cabinet.

- Put this device in your back pocket, such as your pants pocket.

Don't sit down.

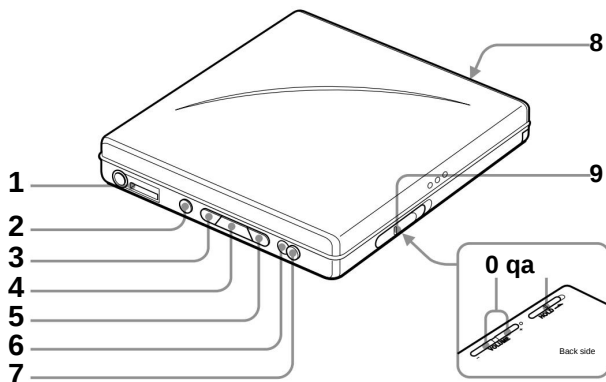


- Place the device in a bag with the remote control/headphones
still wrapped around it, and do not apply excessive force
from the outside.



Names of each part

Main unit



1 i (headphone) jack

2 x (Stop) button

3. Button

4 NX* button

5 > Buttons

charge operation

6 CHG (Charging) / OPR (Operation) lamp
group

7 GROUP button

8. Rechargeable battery compartment

open

9 Open Snacks

volume

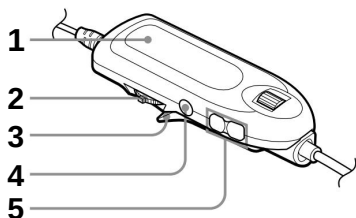
0 VOLUME +*, - buttons (back)

hold

qz HOLD switch (back): Shifting

it in the direction of the arrow will disable the device's operation. This prevents accidental button presses and malfunctions when carrying the device in a bag or other container.

* It has a raised dot (protrusion). Please use it as a guide for operation.



Remote

control 1 display window

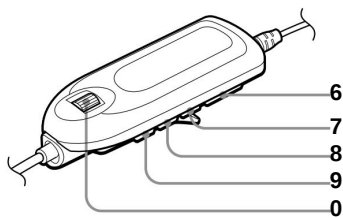
2 Jog lever (NX•ENTER, „>“)

operation	function
Press NX•ENTER	Play/Pause/Confirm
Shift to the side; cue out/rewind	
> Shift to the side / Fast forward	

3 clips

4 x (Stop) / CANCEL button

5. Volume + and - buttons



6. HOLD Switch: By

sliding the switch in the direction of the arrow to display the yellow mark, the remote control will become unusable. This prevents accidental operation when carrying the remote in a bag or other container.

7 • DISPLAY and BACKLIGHT buttons*

8 • P-MODE/ REPEAT button * Sound

9 • SOUND•SOUND SET button*

q; Jog dial (•NAVI/ MENU/

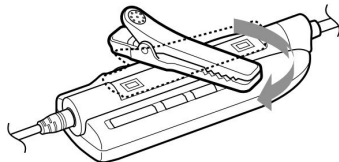
ENTER) *** indicates a

function that can be used when pressed briefly, while indicates a function that can be used when pressed for 2 seconds or more.

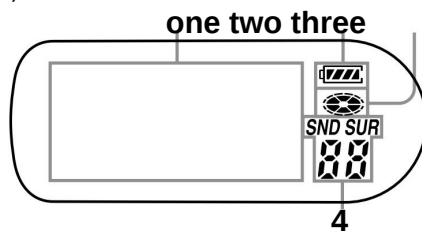
This is a function that becomes available when you press it.

How to use the remote control clip :

Depending on where you attach the clip, the orientation of the text displayed in the display window may be reversed, making it difficult to read. In that case, rotate the clip to the opposite direction and attach it as shown below.



Display window (remote control)



1. Character information display

section 2. Battery level indicator

3- disc display

Sound Surround

4 SND, SUR display

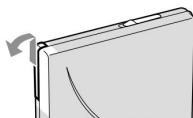
prepare

Please charge the rechargeable battery first after purchase.

1. Insert a rechargeable battery. 1. The lid of the

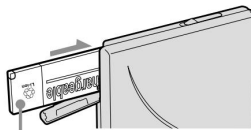
rechargeable battery compartment is indicated by the arrow.

Push and slide in that direction.



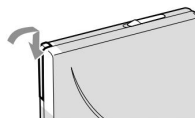
Insert 2 rechargeable batteries.

Please insert it with the eE terminal side facing inwards.



Insert the battery with the front surface facing forward.

3. Close the lid.



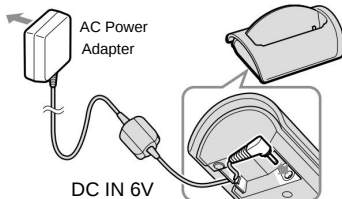
Basic

1 charging stand and

AC power adapter **for charging 2** devices

Connect it and plug it into the outlet.

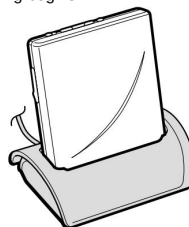
Connect to AC 100V outlet



Please attach the adapter cord to the hook as shown in the diagram above.

Place the 2 units on the charging stand.

The CHG/OPR lamp will light up when charging begins .



Gently press down on the device from above to ensure it is securely placed on the stand. Once charging is complete, remove the device from the charging stand.

Continued on the next page.

Z

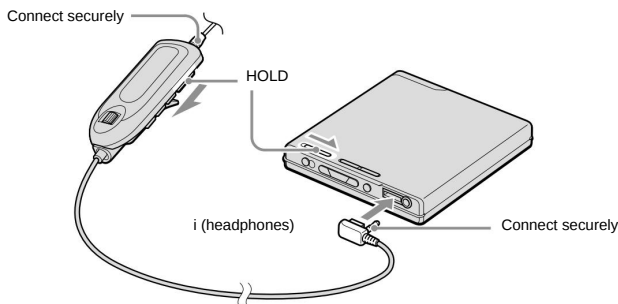
- If the CHG/OPR light turns off immediately after charging, it means the battery is fully charged.
- If you start charging from a completely discharged state, the CHG/OPR light will turn off in about 1 hour. The CHG/OPR lamp turns off when the battery is approximately 80% charged. Charging for another 2 hours will bring it to 100%. The remote control's display window shows the approximate time it will take to reach approximately 80% charge.

Connect the 3 remotes and release the hold by connecting the 1

remote to the main unit.

Slide the 2HOLD knob to release the hold.

To remove.



Please note

When connecting the output of this unit to external audio equipment (amplifier, active speakers, etc.), please disconnect the remote control and connect a commercially available audio connection cable to the i (headphone) jack.

Z

You can operate it even while charging. However, the remaining time until charging is complete will not be displayed.

Please note

- When you first purchase the product or if you haven't used it for a long time, the rechargeable battery may have a short battery life. This is due to the characteristics of the battery, and it will fully charge after several charge-discharge cycles.
- Charging time varies depending on the ambient temperature. (Please charge in a location with a temperature between +5°C and +35°C.)
- For extended use, please use a household power supply. We recommend using it plugged into a power outlet.

You can check

when it's time to charge the device during use in the following

ways:

- Check the battery level indicator in the display window.



The battery level is low.

m



The battery is low.

m



The battery is dead. The remote control's display window will flash "LOW BATTERY" and the power will turn off. The battery level

display is only an estimate and not the actual remaining battery level. It may increase or decrease depending on the operating conditions and environment.

- Repeatedly press the DISPLAY button on the remote control to check the battery life. See "Viewing Information in the Display Window" (page 22) .

Battery life 1)

In Hi-MD mode (1GB disk dedicated to the Hi-MD standard), (JEITA2))

the usage status is linear.	Hi-SP	Hi-LP
PCM	Stereo	Stereo
Stereo		

Playback time : approximately 11.5 hours , approximately 18 hours , approximately 24 hours

In Hi-MD mode (60/74/80 minute discs)

(JEITA2))

Usage status: Linear	Hi-SP	Hi-LP
PCM	Stereo	Stereo
Stereo		

Playback time : approximately 8 hours , approximately 17.5 hours , approximately 23 hours

In MD mode (JEITA2))

Usage status: SP	LP2	LP4
Stereo	Stereo	Stereo

Playback time : approximately 18.5 hours , approximately 22 hours , approximately 25.5 hours

1) When the rechargeable lithium-ion battery is fully charged and played continuously.

2) Measurement values according to JEITA (Japan Electronics and Information Technology Industries Association) standards

is.

Please note

When replacing the rechargeable battery, always turn off the device first.

By connecting the AC power adapter, which is plugged

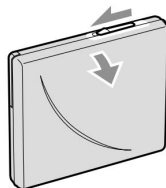
into a household power outlet , to the charging stand and placing the main unit on it, you can use the device without rechargeable batteries.

Play

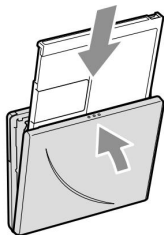
1. Insert a recorded disc. 2. Slide

the OPEN knob.

The lid opens.



With the label side of the 2 discs facing the lid, the arrow
Push it all the way in that direction and close the lid.



2. Press NX

to listen. (On the remote, press the jog lever .)

Press (NX•ENTER). A "beep" sound will
be heard to confirm your operation.

Press VOLUME+ and - to adjust the volume.

You can adjust the volume using the VOL+ and VOL- buttons on
the remote control. You

can also check the volume level on the remote control's display
window.

Jog Lever
(NX•ENTER, ., >)

Jog dial

x•CANCEL

VOL +, -

., NX, >

x

GROUP

VOLUME +, -
(reverse side)

To stop playback, press x. On the remote control, press x•CANCEL. A

beep will sound to confirm your action. The next time you play, playback will resume from where it left off. The device will
automatically power off approximately 10 seconds after stopping.

When using the device with rechargeable batteries and an AC power adapter, the device will power off after charging is
complete.

In times like these	Main Unit Operation	Remote control operation
stop	Press x.	Press x•CANCEL.
Pause	Press NX. Pressing it again will release it.	Press the jog lever (NX•ENTER). Pressing it again will release it.
Select the song number or title directly (Direct Selection)	—	Rotate the jog dial to display the song you want to listen to, then press it.
Press > to skip to the current song, or to skip to the previous song, or to skip to the next song .	Press the . button. Or press the . button as many times as you want to go back to the previous song.	Move the jog lever to the right. Or move it to the right for the number of songs you want to go back to . Move the jog lever to the left.
Rewind/fast forward while playing	Press and hold either . or >.	Keep the jog lever slid to the . or > side.
Search for the location you want to listen to while monitoring the elapsed time (Time Search)	While paused , hold down the . or > button.	While paused, keep the jog lever slid to the . or > side.
Find the part you want to listen to by looking at the track number (index search)	While stopped, hold down the . or > key.	While stopped, keep the jog lever slid to the . or > side.
1) Skip to the beginning of the group (Group skip)	While stopped, press GROUP , then press . or >.	—
Start playback from the first track on the disc.	While stopped, press and hold the NX button for more than 2 seconds .	While stopped, press and hold the jog lever for more than 2 seconds (NX•ENTER).
To eject the disc, press x, then slide the OPEN knob to open the lid (3).		Press x•CANCEL and then the main unit Slide the OPEN knob to open the lid (3).

1) If there are no groups on the disc, the track will start at the beginning of every 10 songs.

2) Perform the operation within 5 seconds while the CHG/OPR lamp is lit. During that time, the mark will flash on the remote control display window.

I will.

3) When you open the lid, the next playback will start from the beginning of the disc.

If playback cannot be started, please check the hold (accidental operation prevention) switch (pages 12, 13, and 16).

Please note

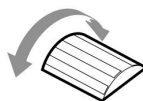
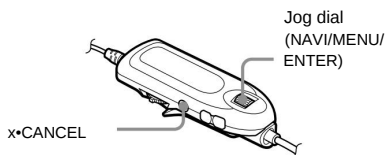
The sound may skip in the following cases: • If the disc is subjected to strong impacts repeatedly
• If you are listening to a scratched or dirty disc . With discs recorded in Hi-MD mode, the sound may be interrupted for up to approximately 12 seconds.

Before you begin

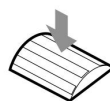
How to use the menu

This device uses a menu to operate its convenient functions. The menu is operated using the following procedure.

The first time you use the menu after purchase, "Menu Mode" will blink on the display window. Before use, set the menu mode to "Simple" (displays only basic items) or "Advanced" (displays all items) and select the items you want to display in the menu. For details, please refer to "Changing Displayed Menu Items" (page 30) to set the menu mode.



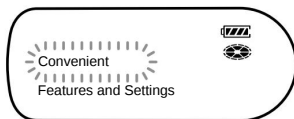
Rotate to select



Press to confirm

Press and hold the **jog** dial (NAVI/MENU/ENTER) for more than 2 seconds.

The menu screen will appear.



Rotate the jog dial to select an item .

Press the **3** jog dial to select an item.

Follow the instructions in **step 4** and repeat steps 2

and 3. The setting will be confirmed when you press the jog dial at the end.

To return to the previous

stage, press the x/CANCEL button.

To cancel midway, press the

x CANCEL button for more than 2 seconds.

Menu List

The following menu items can be configured. These can only be configured using the remote control. When "Menu Mode" is set to "Advanced," all menus will be displayed. When set to "Simple," menu items marked with an asterisk (*) will not be displayed. For more information, please see "Changing the displayed menu items" (page 30).

Please note

The items displayed will vary depending on the operating status and disk settings.

You can set the content displayed in the display window to either Japanese or English. For details, please see "Selecting the Display Language" (page 33).

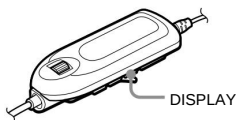
Before s

First layer	Second layer	function	Reference page
Convenient features /	Search for songs / Search * Search for songs		27
Useful*	Speed control /	Change playback speed	29
	SpeedControl *		
Various settings / Option menu mode /	Change the menu display items.		30
Menu Mode	AVLS/AVLS* reduces sound leakage from headphones.		30
	Operation confirmation sound /	Set a confirmation sound.	31
	Beep*		
	Backlight settings /	31. Adjust the backlight settings for the remote control display window.	
	Backlight disk		
	memory / Records disk settings.		31
	Disc Memory*		
	Quick Mode /	Start playback quickly	32
	Quick Mode*		
	Contrast adjustment /	Adjust the brightness of the display window on the remote control.	33
	Contrast*		
	Display language/	Set the display language to Japanese/English	33
	Language		
	display method selection /	Set the display to prioritize kanji characters or alternate between kanji and kana.	33
	JP Character*	(MD mode only)	
	Jog dial /	Change the scroll direction of the display window.	34
	Jog Dial*		

Various ways to play back

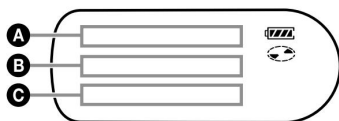
View information in the display window.

During playback, you can check information such as the song title and disc name in the display window.



1. Repeatedly press DISPLAY during playback.

Each time you press it, the display changes as follows:



The name is displayed after each mark: : Disc name :

- Song title :
- Group
- name : Artist
- name : Album name
-

Display A/B/C

Track numbers and elapsed time for

Group number 1)	tracks A, B, and C	• Song title and artist name (Hi-MD) • Song Title (MD)
Track number 1)	Remaining time for the currently playing song	• "Time remaining for one song" /1 Remain" and song title, artist name (Hi-MD) • "Time remaining for one song" /1 Remain" and song title (MD)
(1 song remaining)	Remaining playback time	"Remaining playback time" "All Remain" and the disc name

AB C

- Disc name and artist name (Hi-MD) 2)
- Group name and album name (Hi-MD) 3)
- Group name (MD) 3)
- Disc name (MD) 2)

Sound mode name 4) Display of each selected sound mode

Battery life/ condition of rechargeable batteries (5)	Battery life /Batt Status
• Codec (Hi-MD) 4) • (Not displayed) (MD) 4)	• "Recording and playback format" /Codec" (Hi-MD) • "Recording and playback format / Track Mode (MD)
• Song recording mode (Hi-MD) • Song recording mode (MD)	

- 1) When the main playback mode is selected, the main playback mode mark will be displayed.
- 2) When playing a song that does not belong to a group, the song number will be displayed. 3) When playing a song that does not belong to a group, the disc name will be displayed. 4) This will not be displayed when the menu mode is set to "Simple" (page 30). 5) The displayed time is an estimate of the time when playing continuously in an environment of +25y. When there is sufficient battery power, "Plenty" will be displayed; when the battery is depleted, "Almost Empty" will be displayed . This will not be displayed when using an AC power adapter.

Please note

- The display may vary depending on the disk group settings, operating status, and configuration.
- The battery life/status of the rechargeable battery will be displayed approximately 1 minute after playback begins . However, depending on the usage environment and the condition of the rechargeable battery, the display may not be accurate.

Select a playback mode

You can listen to songs in various ways by selecting a playback mode. The playback mode is set using three combinations: main playback mode, sub-playback mode, and repeat playback. • Main

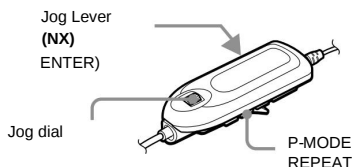
playback mode: Select the song you want to play and...

Select units such as loops. • Sub-

playback mode: Select the playback method. •

Repeat playback: Set repeat playback.

ru.



Select the main playback mode and listen to the song.

1. Press the jog dial while playback is in progress.

Entering navigation mode will bring up the main playback mode selection screen.

Rotate the jog dial to select your preferred playback mode, then press to confirm .

display	Playback status
Normal playback (Normal Play)	Normal playback (play all tracks on the disc once)
Group Regeneration (Group Play)	Group playback (plays only the currently playing group)
Artist Revival (Artist Play) *	Artist Playback (Plays only songs by your favorite artists)
Album Playback (Album Play) *	Album Playback (Plays only the songs from your favorite album)

display	Playback status
Bookmark playback (Bookmark Play)	Bookmark playback (plays only the songs with bookmarks in order)
Program playback (Program Play)	Program playback (arrange the songs you want to listen to in your preferred order and play them)

* This is only displayed in Hi-MD mode.

Listen to music in normal mode (normal playback)

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song," and in step 2, select "Normal Play."

Rotate the **jog** dial to select your preferred group, then press to confirm. A list of songs within the selected group will be displayed. If there are no groups on the disc, this step is not necessary.

Rotate the **3-jog** dial to select your desired song, then press to confirm. Playback of the selected song will begin. Playback will proceed from the selected song until the last song on the disc.

To listen to group music (group playback), please use the disc that has the group configured.

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song," and in step 2, select "Group Play." A list of groups will be displayed.

Rotate the jog dial to select your preferred group, then press to confirm. A list of songs within the selected group will be displayed .

Continued on next

Rotate the **3-** jog dial to select your desired song, then press to confirm.

Playback of the selected song will begin.

Playback will start with the selected song and continue until the last song in the group.

Z

• While playback is in progress, press GROUP on the device, Pressing . or > will take you to the beginning of the group. • If there are no groups on the disk, It will display "Group --".

Listen to songs by a selected artist (Artist Playback) (Hi-MD mode only): If a song has an artist name, you can search for and listen to the song by artist name.

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song" (page 23), and in step 2, select "Artist Play". A list of artists will be displayed in alphabetical order.

Turn the **jog** dial to select your preferred artist's name and press to confirm. A list of songs by the selected artist will be displayed in the order they were recorded.

Rotate the **3-** jog dial to select your desired song, then press to confirm.

Playback of the selected song will begin.

Playback will proceed from the selected song to the last song in the song list.

Z

During playback, you can jump to the beginning of an artist's section by pressing GROUP on the device, and then pressing . or >.

Selecting an album to listen to (album playback) (Hi-MD mode only): If a song has an album name, you can search for the song by the album name and listen to it.

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song" (page 23), and in step 2, select "Album Play". A list of albums will be displayed in alphabetical order.

Turn the **jog** dial to select your preferred album name, then press to confirm. A list of songs from the selected album will be displayed in the order they were recorded.

Rotate the **3-** jog dial to select your desired song, then press to confirm.

Playback of the selected song will begin.

Playback will start from the selected song and continue until the last song on the album.

Z

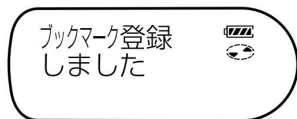
During playback, you can jump to the beginning of an album by pressing GROUP on the device, and then pressing . or >.

You can select and listen to only your favorite

songs (bookmark playback). You can bookmark your favorite songs and play only those songs. However, you cannot change the song order.

To add a bookmark

1. Play the song you want to bookmark and press and hold the jog lever for more than 2 seconds. The first song will be registered as a bookmark.



2. Repeat step 1 to create bookmarks.

To play bookmarked songs

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song" (page 23), and in step 2, select "Bookmark Play".

Turn the jog dial to play the song you want to play .

Select an option and press to confirm. The songs will play in order from the selected song, up to the last bookmarked song.

To delete a bookmark, play the song whose bookmark you want to delete and press and hold the jog lever for more than 2 seconds.

You can rearrange songs and groups in your preferred order (program playback) .

Programming a song (track programming)

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song" (page 23), and in step 2, select "Program Play " .

Turn the jog dial to select "Track " Select ("Track") and press to confirm.

Follow steps 2-4 of "Searching for a Song" (page 27) . The

first song in the program will be registered.

Various

4. Repeat step 3 to program the song.

It

can program up to 64 songs .

Once you've selected 5 , press the jog dial for 2 seconds.

Press the button above to confirm. The settings will be confirmed, "PGM" will be displayed, and playback will begin from the first track of the program.

Programming groups (group programming)

1. Follow steps 1 and 2 of "Select the main playback mode and listen to the song" (page 23), and in step 2, select "Program Play " .

Rotate the jog dial to select "Group" and press to confirm.

Rotate the **3** jog dial to select a group, then press to confirm.

Repeat step 3 of step **4** to program the group. You can program up to 20 groups.

5. Once you have made your selection, press and hold the jog dial for more than 2 seconds to confirm. The program **PGM** be confirmed, " " will be displayed, and playback will begin from the first song of the first group in the program.

Z

During programming, pressing the jog dial allows you to review the songs and groups you have programmed so far.

Select sub-playback mode

You can listen to the songs you select in the main playback mode in various ways. For example, if you select

"Group Play" in the main playback mode and "SHUF" in the sub-playback mode, you can play the songs in the selected group in any order.

Press the P-MODE button repeatedly.

Each time you press it, the display will change as follows:

display	Playback mode
(No display)	Normal playback (play all songs once)
Play 11 songs	(play only the selected song)
SHUF	Shuffle playback (plays songs selected in main playback mode in no particular order)
A- (AB) * 	AB Repeat Playback (Repeatedly plays points A and B within the song)

will not be displayed when the menu mode is set to "Simple" (page 30).

This function allows **you to repeatedly play only a specified section of a song (AB repeat playback).**

You can specify points A and B within a song and repeatedly listen to the section between them. Points A and B must be specified within the same song.

stomach.

1. While playing a song that contains the section you want to repeat, repeatedly press P-MODE until "A-" is displayed.
2. At the point where you want to start the repetition (point A), Press the dial.
Point A is determined, and "B" will start flashing.
3. At the point where you want to end the repetition (point B), Press the dial.
Once point B is determined, "AB" and " " will light up, and the sequence between points A and B will be played.

Z

During AB repeat playback, you can reset points A and B by moving the jog lever to the > side.

Please note

If you stop playing the disc before selecting point A, the A-B repeat setting will be canceled.

Listen repeatedly (repeat playback)

You can listen to songs repeatedly in any playback mode other than A-B repeat playback.

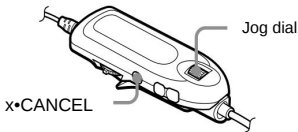
Press and hold REPEAT for more than 2 seconds. The " " light will illuminate.

To cancel, press

REPEAT for more than 2 seconds to remove the " ".

Search for songs

You can easily find your favorite songs by searching by song title, group name, artist name, or album name. Artist and album names are only displayed for discs recorded in Hi-MD mode.



1. In the menu, select "Useful Functions" – "Song Search" ("Useful" – "Search").

Rotate the jog dial to select a song search method, then press to confirm .

	Search
Display	method: Search by song title
Track Search	
(by Track)	Search by group name
Group Search	
(by Group) Artist	Search by artist name
Search (by Artist) *	
Album Search	Search by album name
(by Album) **	

Only displayed in Hi-MD mode.

Step 3 , step 2: Search for song title ("by Track").

If you select [option], proceed to step 4. Otherwise, rotate the jog dial to select your preferred group, artist, or album, and press to confirm. A list of songs from the

selected group, artist, or album will be displayed.

Turn the **jog** dial to select a song.

Press the button to confirm.

Playback of the selected song will begin.

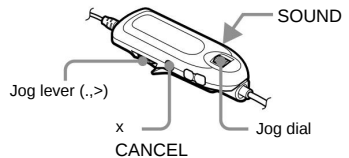
Please note

- After step 4, the main playback mode and sub-playback mode will be deactivated (repeat playback will still work).
- When searching for songs, unnamed songs will appear at the very end of the song list.
- While sorting selected items, "Sort ..." will be displayed. Do not perform any operations until "Sort..." disappears.

Customize the sound to your liking (Virtual surround sound, 6-band equalizer)

You can change the sense of realism in the sound and select and set your preferred sound quality. You can choose one of the following two effects: • V-SUR (Virtual Surround):

Changes the sense of realism in the sound (4 types) • 6 BAND EQUALIZER : Changes the sound quality (6 types)



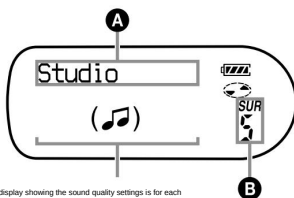
Transforming the sense of presence (virtual surround sound)

1. While playing, repeatedly press SOUND.
Display "SUR".

Press and hold the 2SOUND button for more than 2 seconds.

Turn the **3** jog dial to adjust the surround sound.
Choose a type.

Continued on the next



The display showing the sound quality settings is for each Displayed by mode.

Turning the jog dial will move A and B next It will change like this.

AB

Studio	SUR S
Live	SUR L
Club	SUR C
Arena	SUR A

Press the **jog** dial to confirm.

When you want to disable the setting

In step 1, nothing is displayed in B.

Select (Normal).

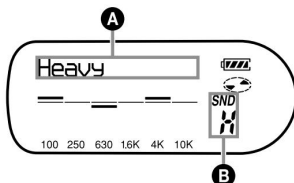
Choosing sound quality
(6-band equalizer)

1. While playing, repeatedly press SOUND.
Display "SND".

Press and hold the 2SOUND button for more than 2 seconds.

Turn the **3** jog dial to create a sound seed.

Choose a type.



Turning the jog dial will move A and B next It will change like this.

AB

Heavy	SND H
Pops	SND P
Jazz	SND J
Unique	SND U
Custom1	SND 1
Custom2	SND 2

Press the **jog** dial to confirm.

When you want to disable the setting

In step 1, nothing is displayed in B.

Select (Normal).

Adjust to your preferred sound quality.

"Custom1" and "Custom2" are

You can save your preferred sound quality settings.

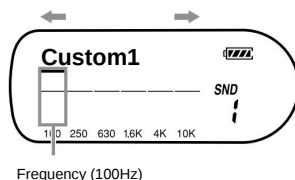
vinegar.

1. "Choose your sound quality (6-band equalizer)"
Follow steps 1-3 to select "Custom1".
Alternatively, display "Custom2".

Press the **jog** dial.

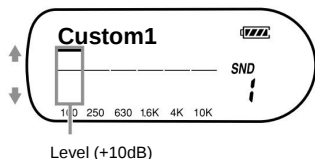
3. Jog lever. Or slide to the side.

Then select the frequency.



You can choose from the following six frequencies:
100Hz, 250Hz, 630Hz, 1.6kHz, 4kHz,
10kHz

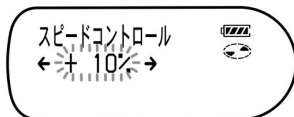
Adjust the level by turning the **4** jog dial.
do.



The level can be selected from the following 7 levels: -10dB, -6dB, -3dB, 0dB, +3dB, +6dB, +10dB

Repeat steps 3 and 4 .

Press the **6** jog dial to confirm.



Once confirmed, "SC" will be displayed in the display window.

To return to normal speed,

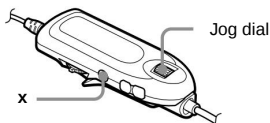
set the playback speed to 0% in step 2 and confirm .

Please note

Changing the playback speed may cause you to hear popping or echoing sounds during playback.

Change playback speed (speed control)

This is useful when you want to change the playback speed for language learning or other purposes. It changes only the playback speed, without altering the pitch. You can choose from 13 levels of playback speed, ranging from +100% to -50% .



1. While playback is in progress, select "Useful Functions" – "Speed Control" from the menu.
This will take you to the playback speed settings screen.

Rotate the jog dial to select the speed, then press to confirm. Please select the playback speed while listening to the playback sound .

Various

Change the displayed menu items (menu mode)

You can choose to display all menu items ("Advanced ") or only the basic items ("Simple"). For menu items that are not displayed, please refer to the "Menu List" (page 21) .

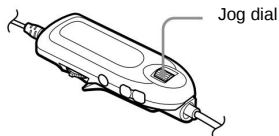


1. Menu operation for "Various settings" - "Menu Mode"
Select "New Mode" ("Option" - "Menu Mode").

Rotate the jog dial to select "Simple" or "Advanced," **then** press to confirm.

Reduces sound leakage and creates a sound that is gentle on the ears (AVLS - Auto Volume Limiter System - Comfortable Volume)

This reduces the risk of sound leakage, ear pressure, and the danger of not being able to hear ambient sounds due to excessive volume, allowing you to listen at a more comfortable volume.



"Various settings" can be accessed with a single menu operation.

("Option") – Select "AVLS".

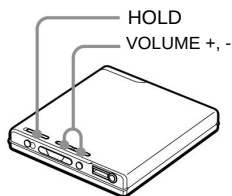
Turn **the jog dial** to select "AVLS O

Select "AVLS On" and press to confirm. If you try

to increase the volume beyond a certain level, "AVLS" will flash in the display window, and the volume will not increase any further.

To disable the setting,
select "AVLS Off" in step 2 .

Operate using the main unit.

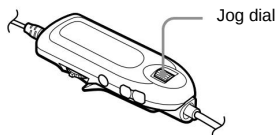


To set it , while playback is in progress, slide the HOLD switch in the > direction , and while holding down VOLUME - , slide the HOLD switch in the opposite direction.

To deactivate the setting , while playback is in progress, slide the HOLD switch in the > direction , then while holding down VOLUME + , slide the HOLD switch in the opposite direction.

Turn off the confirmation sound

You can configure whether or not to play confirmation sounds on the main unit and remote control.



1. Menu operation: "Various settings" - "Operation"

Select "Confirmation Sound" ("Option" – "Beep").

Turn the jog dial and hear the confirmation sound .

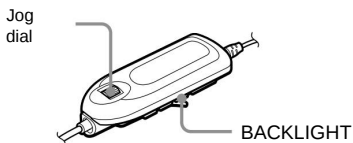
Select "Beep Off" and press the button to confirm.

To revert the settings,

select "Beep On" in step 2 .

Turn the display window backlight on/off

You can set the remote control's display window to always be lit or to remain off.



1. While stopped, select "Various settings" from the menu.

Select "Option" – "Backlight".

Rotate the jog dial to select your preferred setting, then press to confirm .

display	setting
Automatic lighting (AUTO)	The light stays on while in operation. It turns off after a few seconds of inactivity.
Always on (ON) :	The light stays on while the device is running .
Always off (OFF) .	

To turn on the backlight only when needed while it's set to "Auto" mode:

Press and hold the BACKLIGHT button for more than 2 seconds.

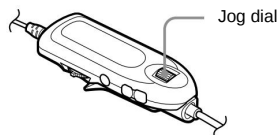
While the BACKLIGHT button is pressed, the backlight of the display window will illuminate.

Save settings for each disk (disk memory)

This unit is configured to automatically register disc settings (default setting). When this setting is enabled, the settings are automatically registered when a disc is ejected, and the settings are automatically recalled when a previously registered disc is inserted again. The following settings can be registered: • Program playback • Bookmarks • 6-band equalizer "Custom1" and "Custom2"

You can check this setting by following these steps.

Continued on the next page.



1. Remove the disc, then select "Various Settings" - "Disk Memory" ("Option" - "Disk Memory") from the menu.

Turn the **jog** dial to select "Disk Memory On" ("On") and press to confirm.

To disable memory saving, select "Disk Memory Off" ("Off") in step 2 .

To delete your registration

1. Insert the disc you want to remove from the registration and check its contents.

Step 2 , "1. Erase Memory"

Select ("1MemoryErase"). The disk configuration information will be deleted from the registration.

Z

When Disk Memory is turned on ("On") , "Disk Memory " will be displayed when you reinsert a disk that has been registered in Disk Memory .

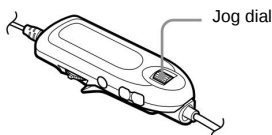
Please note

- You can register up to 64 discs , but if you exceed 64, the oldest played discs will be automatically deleted. The number of discs you can register depends on the number of songs recorded on each disc. The more songs a disc has, the fewer discs you can register.

- If you attempt to erase the registration on a disk that has never been registered for disk memory, the message "This disk is not memorized" ("NO DISC MEMORY") will be displayed.

Listen to the sound quickly (Quick Mode)

This unit is configured to allow you to hear playback immediately after pressing the play button (default setting). You can check this setting by following these steps.



1. While stopped or playing, select "Settings" - "Quick Mode" ("Option" - "Quick Mode") from the menu.

Turn the jog dial to select " **Quick** Select "Quick On" and press to confirm.

If you won't be using the device for an extended period, select "Quick Mode Off" in

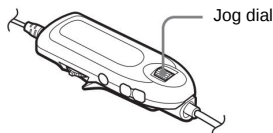
step 2. This will reduce battery drain when the device is not in use.

Please note

When the setting is set to "Quick Mode On ," the device remains powered on internally even when nothing is displayed on the screen. When the battery is completely depleted, the device will automatically shut off internally.

Adjust the contrast of the display window. (Contrast adjustment)

You can adjust the contrast of the display window on the remote control.



1. While stopped, use the menu to select "Various settings"

"Option" – "Contrast Adjustment" will blink, then press to confirm.

Turn the **jog** dial to adjust the brightness of the display window.

Select and press to confirm.

Select the display language.

You can switch the language displayed on the remote control's display window between Japanese and English.



1. Menu operation: "Various settings" - "Display"
Select the language ("Option" – "Language").

Turn the jog dial to select "Japanese language"

Display "Japanese" or "English" ("Japanese" / "English") and press to confirm.

Switch the way the title is displayed.

This setting can only be switched for discs recorded in MD mode.

If the disc was recorded in Hi-MD mode, you cannot switch modes.

For discs recorded in MD mode, there are two display methods: • Kanji

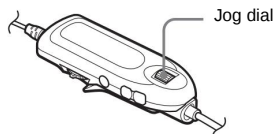
Priority: The default setting. This is usually the one to use. • Kanji/

Kana Alternating: When entering text on a computer.

This option is used when you have entered different information in the full-width and half-width character areas (e.g., song title in the full-width area, artist name in the half-width area).

Both pieces of information will be displayed.

To switch to "alternating kanji and kana" display, please follow these steps:



1. In menu operation, select "Various Settings" - "Display Method Selection" ("Option" - "JP Character").

Turn the jog dial **to** select "Kanji & Kana" and press to confirm.

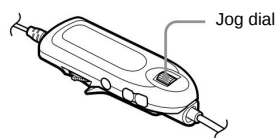
To revert the settings, select "Kanji First" in step 2.

Please note

Even if you set alphanumeric characters and spaces to full-width when entering text in computer software, they will all be displayed as half-width characters on this device.

Change the scroll direction of the display window.

By default, turning the jog dial downwards scrolls the items in the display window downwards, but you can change this so that it scrolls upwards.



1. Select "Various Settings" – "Jog Dial" ("Option" – "Jog Dial") from the menu .

Rotate the **2** jog dial to select "Reverse Scroll" and press to confirm.

To revert the settings, select "Normal Scrolling" ("Default") in step 2 .

Precautions for use

Do not disassemble the MiniDisc player. The laser used in the MiniDisc player is dangerous if it comes into contact with your eyes.

Do not touch the lens. If the lens becomes dirty, it may cause skipping or prevent playback. Also, to prevent dust from accumulating, always keep the lid closed except when inserting or removing discs.

Regarding the AC power adapter (for use with the included charging stand) : Please

use the included AC power adapter (polarity-unified plug, JEITA standard) with this product . Using any other product may cause malfunction.



Polarity-unified plug

- Connect the AC power adapter to a power outlet that is easily accessible, and unplug it immediately if any problems occur.
- When using the AC power adapter, please note the following:
 - Do not place the unit in narrow spaces such as shelves or built-in cabinets. —To avoid the risk of fire or electric shock, do not use the unit in places where it may get wet or in humid places.
 - Also, do not place vases or other objects containing water on top of the unit.

Regarding the disposal of rechargeable batteries in Japan



Li-ion

Lithium-ion batteries can be recycled. If you no longer need lithium-ion batteries, please attach insulating tape such as cellophane tape to the metal parts and bring them to a participating recycling store.

For inquiries regarding the collection and recycling of rechargeable batteries and participating recycling stores, please refer to the Battery Association of Japan website : <http://www.baj.or.jp/>

Handling Instructions: • Do

not drop or subject the device to strong shocks, as this may cause malfunction. • Do not pull the remote control or headphone cords forcefully. • Do not place the device in the following locations: — Places with very high temperatures (above 60°C). — Places in direct sunlight or near heating appliances.

Ku.

—Inside a car with the windows closed (especially in summer). —In damp places such as bathrooms. —Magnetic devices such as magnets, speakers, and televisions.

Near something wet or damp. —A dusty place.

- At high temperatures (above 40°C) or low temperatures (below 0°C), the LCD display may become difficult to see or the display may change slowly. It will return to normal when it returns to room temperature.
- Do not put hard objects in the carrying pouch along with the main unit. This may cause paint chipping or scratches.

The device may become hotter during **charging** or after prolonged use, but this is not a malfunction.

Regarding the operating

noise, this device uses a power-saving operating method. Therefore, it will make intermittent noises during operation, but this is not a malfunction.

others

Regarding charging :

- The included charging stand is for this device only. It cannot charge other devices.
- Do not use the included charging stand to charge batteries other than the specified type.
- Always use the included AC power adapter for charging .
 - Charge in a location

between +5°C and +35°C . The charging time will vary depending on the temperature. (Charging time will be longer at lower temperatures. This is due to the characteristics of lithium-ion batteries.) • When not using the device for an extended

period, remove the rechargeable battery and store it in a cool, dry place. When storing, do not store the rechargeable battery in a completely discharged or 100% charged state to prevent deterioration of the battery . • The charging stand and the main unit will become hot during charging, but this is not dangerous.

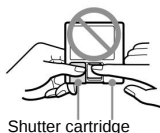
- When purchased or if not used for a long time, The battery life of rechargeable batteries may be short. This is due to the characteristics of the battery, and it will become fully charged after several

charge-discharge cycles. • When the usable time after a full charge is about half of the normal time, replace the rechargeable

battery with a new one. • When not using the device for an extended period, unplug the AC power adapter from the outlet and remove the unit from the charging stand.

Disc Handling Instructions: • The MiniDisc

itself is housed in a cartridge, making it easy to handle without worrying about dust or fingerprints. However, dirt or warping of the cartridge can cause malfunctions. To ensure you can enjoy beautiful sound for a long time, please note the following: —Do not open the shutter by hand. Forcing it open will break it.



—When carrying or storing, place in the case. —

Regarding

storage location: Do not

place in places with high temperatures or humidity, such as in direct sunlight. Also, do not leave in places where sand may get into the disc, such as on a sandy beach. — Regular maintenance: Wipe off any dust or debris

from the surface of the

cartridge with a dry cloth. • Do not attach the label included with the disc to any location other

than the designated area. Always make sure to align it firmly with the label indentation.

About the headphones : • If

you experience any skin irritation while using the included headphones, stop using them immediately and consult a doctor or customer support center. • The included headphones

will leak sound if the volume is turned up too high. Please

be careful not to disturb those around you by turning the volume up too high. You may be tempted to turn up the

volume in noisy places, but when listening with headphones, please aim for a volume level that allows you to respond if called upon.

Regarding the remote control:

The included remote control is for this unit only. Furthermore, this unit cannot be operated with a remote control included with another model.

For cleaning, if the surface

becomes dirty, gently wipe it with

a soft cloth slightly dampened with water, then dry it thoroughly.

Do not use paint thinner, benzene, alcohol, etc., as these will damage the surface.

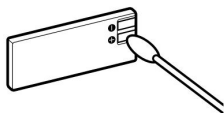
Cleaning your headphones and remote control plugs:

Dirty

plugs can cause static and sound interruptions. To ensure you always enjoy good sound, wipe the plugs occasionally with a soft, dry cloth to keep them clean.

Regarding terminal maintenance, please

clean each terminal regularly with a cotton swab or soft cloth.



In the event of a malfunction, please contact the store where you purchased the product or a Sony service center without opening the device. (If the malfunction occurs while a disc is inserted in the device, we recommend that you contact us with the disc still inside to help us resolve the cause of the malfunction as quickly as possible.)

Main specifications

format

MiniDisc Digital Audio System

Re-reading method: Non-

contact optical reading (using semiconductor laser)

GaAlAsMQW diode, $\lambda=790\text{nm}$

Rotational

speed approximately 350 rpm to 3,600 rpm

(CLV) Error correction method

Hi-MD:

LDC (Long Distance Code)

BIS (Burst Indicator Subcode)

MD:

ACIRC (Advanced Cross

Interleave Reed Solomon Code)

sampling

frequency 44.1kHz

Coding Hi-MD:

Linear

PCM (44.1kHz/16bit) — PCM

ATRAC3plus (Adaptive

Transform Acoustic Coding 3 plus)

— Hi-SP/Hi-LP

MD:

ATRAC

ATRAC3 — LP2/LP4

Modulation method

Hi-MD:

1-7RLL (Run Length Limited)

PRML (Partial Response

Maximum Likelihood)

MD:

EFM (Eight to Fourteen
(Modulation)

Frequency response (headphone output): 20–20,000 Hz $\pm$ 3 dB

Output terminals

i: Stereo mini jack (dedicated remote control)
(Njack)

Practical maximum output 1)

Headphones: 5 mW + 5 mW (16 Ω)

power supply

Main

unit: Rechargeable lithium-ion
battery LIP-4WM, 3.7V, 370mAh,
Li-ion battery

(1 unit), Charging

stand: AC power adapter DC 6V, AC 100V,
50/60 Hz, Operating

temperature

+5 $\circ$ C to +35 $\circ$ C

Battery life: See

"Battery life" (page 17).

Main unit dimensions

Approximately 74.7 $\times$ 81.4 $\times$ 12.8 mm
(width/height/depth, excluding protrusions)

Maximum external dimensions 1)

Approximately 75.9 $\times$ 82.5 $\times$ 13.8 mm
(width/height/depth)

mass

Approximately 71g (main unit only).

approximately 81g (including rechargeable battery)

1) Measurement values according to JEITA (Japan Electronics and Information Technology Industries Association) standards

is.

This device is a licensed product based on Dolby Laboratories' U.S. and foreign patents.

Please note that the specifications and appearance of this device may be changed without notice due to improvements.

Accessories sold separately

Stereo headphones 2) MDR-EX51SP,
MDR-EX71SL

active speakers, SRS-Z510/Z30, etc.

2) Please purchase headphones with a stereo mini plug. Headphones with a micro plug cannot be used.

The following models are not compatible with this

device: Rotary Commander RM-WMC1,
MD Label Printer MZP-1, IC
Memory Repeat Learning MD Controller RPT-M1

I thought it might be broken.

If you experience any problems while using this device, please try checking the following steps again before contacting our service center. (Please also refer to the message list (page 43).) If any messages are displayed, we recommend that you write them down.

Step 1: Check the

"Troubleshooting" section in this book and look up the relevant item. You will also find various information within the instructions in this book and in the "Message List." Please look up the relevant item.

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Step 2: If the problem persists, please contact our

Customer Support Center (back cover) or the store where you purchased the product.

troubleshooting
For

example

About charging

Symptoms	cause	countermeasure
Unable to charge, or unable to charge sufficiently.	The rechargeable battery is not inserted correctly , or the AC power adapter is not connected correctly.	Reinsert the rechargeable batteries correctly, or connect the AC power adapter correctly.
	The battery life may be shorter when the product is new or if it has not been used for a long time, due to the characteristics of the battery.	After several charge-discharge cycles, it will become fully charged.
	The connection between the main unit and the charging stand is not good.	Remove the device from the charging stand and place it back firmly on the stand. At this time , also confirm that the CHG/OPR lamp lights up.
	The temperature of the charging location is too low or too high (the message " Charge within +5°C to +35°C" ("CHARGE +5°C to +35°C 41F to 95F") will be displayed).	Please charge the device in a location with a temperature of +5°C to +35°C .
The rechargeable battery ran out even though I wasn't using it.	It does not contain rechargeable batteries.	Please insert rechargeable batteries.
	The "Quick Mode " setting was set to "Quick On" (page 32).	When "Quick Mode" is set to "Quick On," the device remains powered on internally even when nothing is displayed on the screen. This shortens battery life. If the device is not fully charged and the setting is "Quick On," the rechargeable battery may be depleted while not in use. In that case, please charge it again.
Even when fully charged, it can only be used for about half the normal time.	The battery may have reached the end of its life. Please replace it with a new rechargeable battery.	
The device and charging stand get hot while charging.	It's not a malfunction.	—

Now playing

Symptoms	cause	countermeasure
Normal playback is not possible. Repeat playback is selected. Press and hold the P-MODE/REPEAT button for more than 2 seconds to remove the (Repeat) display, then start playback (page 26).		
Normal playback is not possible.	I changed the playback mode.	Please switch the main playback mode (page 23) or sub-playback mode (page 26) back to normal playback before starting playback (page 23).
The disc will not start playing from the first track.	The last time I played it, I stopped it halfway through the disc.	Stop the machine once, then press and hold the jog lever (NX•ENTER) on the remote control, or the NX key on the main unit, for more than 2 seconds .
The sound cuts out during playback. It's placed in a location with a lot of vibration. Please use it in a location with less vibration.		
There's a lot of noise.	It is placed near objects that emit strong magnetic fields, such as a television.	Please place it away from televisions and other electronic devices.
The volume isn't getting louder. AVLS is working.		Please disable AVLS (page 30).
There is no sound coming from the headphones.	The headphones with the remote control are not properly plugged in.	Please insert it firmly into the i-jack. Please insert the headphone plug firmly into the remote control unit.
	The plug is dirty.	Please wipe the headphone and remote control plugs with a dry cloth.
Pressing . or > jumps to the previous or next group (or several songs prior or several songs after). Fast-forwarding or rewinding while playing an edited song causes the sound to cut out.		
	Group skipping is active. If you wait for more than 5 seconds without doing anything, group skipping will be automatically canceled.	
	This is a system limitation. When fast - forwarding or rewinding while playback is in progress, the playback speed will be faster than usual, which may cause the sound to cut out.	

Group function in progress

Symptoms	cause	countermeasure
The group function is not working.	The disk contains a disc that is not grouped.	Please insert the grouped disks.

others

Symptoms	cause	countermeasures
The display window shows "Simple/Advanced".	This was the first time I attempted to use the menu after purchasing the product (I pressed the jog dial on the remote control for more than 2 seconds).	Please set the menu mode (page 30).
Some menu items are not displayed.	The menu mode is set to "Simple".	Set the menu mode to "Advanced" to display all menu items (page 30).
It doesn't respond to commands, or it doesn't function correctly.	The rechargeable battery is not charged. Please charge it.	
	The volume is low.	Turn up the volume.
	There is no disc inserted.	Please insert the recorded disc.
	The hold function is active (the "HOLD" display appears when you press the operation button on the device).	Release the hold function by moving the HOLD switch in the opposite direction of the arrow (pages 12, 13, and 16).
	The lid isn't closed properly.	Close the lid until you hear a click.
	Condensation has formed (water droplets have accumulated inside).	Remove the disc and leave it for several hours.
	The AC power adapter is not properly plugged in.	Please plug the DC IN 6V jack firmly into the power outlet.
	The battery is depleted (the "Battery level is low / LOW BATTERY" indicator is flashing or nothing is displayed). (See pages 15 and 16.)	
	The disc is damaged, or the information such as the content of the recordings or edits is not correctly entered.	Please reinsert the disc. If the error message persists, please try a different disc.
	The internal system is malfunctioning. During use, it is subjected to strong noise due to shocks, excessive static electricity, or abnormal power voltage caused by lightning strikes.	Please try the following steps again: Step 1: Disconnect all power. Step 2: Leave it like that for about 30 seconds. Step 3: Connect
The LCD display is different from the normal display.	I unplugged the power cord.	the power. Leave it for a while. Alternatively, turn on the power and press any of the operation buttons.
When using the AC power adapter, the display window is faintly lit even when the device is not operating.	It stays lit from approximately 80% charge until it reaches 100% charge (page 16).	

Message List

If a message appears on the remote control's display window, please check it according to the table below.

stomach.

Display (Japanese)	Display (English)	meaning	countermeasure
I can't increase the volume because AVLS is ON.	AVLS NO VOLUME OPERATION	The AVLS setting is set to " AVLS On," so the volume cannot be increased any further (page 30).	Please set AVLS to " AVLS Off".
This is a blank disk.	The BLANKDISC contains a disc with nothing recorded on it.	—	—
Please wait a moment.	BUSY WAIT A MOMENT	Reading disk information.	Please wait a moment. It may occasionally take up to a minute.
This disk cannot be used for recording or playback.	CANNOT RECORD OR PLAY	The disc does not contain any playable music data. The music data or management file is corrupted.	Please replace it with another disc.
Please charge within a temperature range of +5°C to +35 °C.	CHARGE +5ÿ~+35ÿ 41F~95F	I tried to charge it at a temperature other than the specified temperature.	Please charge within the specified temperature range (+5°C to +35°C).
Charging	Charging	This is displayed while charging (pages 15 and 16).	—
The DC-IN voltage is too high.	DC IN TOO HIGH	The power supply voltage is too high (the specified AC power adapter is not being used).	Please use the designated AC power adapter.
There are no more songs after this.	End	The end of the disc was reached while playback was in progress or while the jog lever was being moved to the > side (or while the > button was being pressed on the device).	—
ERROR	ERROR	The internal system is malfunctioning.	Please follow steps 1-3 in the table on page 42 .
ErrorXX	ERROR XX	Internal system malfunction It's there. The call failed.	Please follow steps 1-3 in the table on page 42. If you still receive an error message, please contact our customer support center.
This disc is unusable.	FORMAT ERROR DISC	A disc with a format that is not supported by this device has been inserted.	Please insert an MD or Hi-MD formatted disc.
It is on HOLD.	HOLD	The hold function is active.	Release the hold function by turning the HOLD switch on the main unit in the opposite direction of the arrow (pages 12, 13, and 16).

enable
tt
For

example

Display (Japanese)	Display (English)	meaning	countermeasure
Low battery level .		The battery is dead.	Please recharge the rechargeable battery (pages 15 and 16).
In main play mode and song selection,	While the main playback mode was selected using the	NAVIGATION remote control, I operated a button on the main unit.	—
there are no bookmarked songs.	NO BOOKMARKED TRACK	I tried to play a bookmarked disc that did not have bookmarks.	Please bookmark this page (page 25) before proceeding. Please use the disk where the bookmark is located.
No disc is inserted.	NO DISC	There is no disc inserted. Please insert a disc.	
This is a disk that is not stored in memory.	NO DISC MEMORY	An attempt was made to delete disk memory on a disk that was not registered to the disk memory.	—
Artist name not entered.	NO NAME	On a disc that does not contain any songs with an artist name, the main playback mode was set to artist playback. On a disc that does not contain any songs with an artist name, while searching for a song, I tried to select "Artist Search" ("by Artist").	—
I cannot operate it.	While setting up a program using the NO OPERATE remote control, I attempted to skip a group.		—
Album name not entered.	NO TITLE	The main playback mode was set to album playback on a disc that did not contain any songs with an album title. The "Album Search" ("by Album") option was attempted while searching for songs on a disc that did not contain any songs with an album title.	—
Nothing was recorded.	NO TRACK: Attempted to play a disc with no recordings.		Please insert the recorded disc.
Loading error.	READ ERROR: The disk information could not be read correctly.		Please reinsert the disc.
There is an anomaly in the TOC data.	TOC DATA ERROR	The disk information could not be read correctly.	Please replace it with another disc.

Warranty

Warranty and after-sales service
This product comes with a warranty card.
Please pick it up at the store where you purchased the product.

- Please fill in the required information and check the

After-sales service :

contents before keeping this document safe.

Check this first if something is wrong.

- The warranty period is one year from the date of purchase.

vinegar.

Please review this instruction manual again. • If you are still feeling

unwell...

Please contact the store where you purchased the product or the nearest Sony service center listed in the attached "Sony Customer Service

Information" document. •

Repairs during the warranty period will be carried out according to the terms of the warranty certificate. Please refer to

the warranty certificate for details.

- Repairs after the warranty period will be charged upon request if the function can be maintained through repair.
- Regarding parts availability: We maintain repair parts (parts necessary to maintain the product's functionality) for our portable MiniDisc players for 8 years after production is discontinued. This parts availability period will be considered the repairable period. Even after the availability period has expired, repairs may still be possible depending on the nature of the malfunction, so please contact the store where you purchased the product or our service center.

It's useful to know

Here is some useful information to know when using a portable MD player.

I will explain it simply in a Q&A format.

Q1: What is Hi-MD?

A1: Hi-MD is a new MiniDisc format.

This new MiniDisc uses a different recording method than conventional MiniDiscs, allowing for even longer recording times.

Furthermore, it can now store data other than music (such as text and image data) on MiniDiscs as an external device for computers. * This device is for playback only. It cannot be used to record or store data on discs.

Q2: What is ATRAC3plus?

A2: ATRAC3plus is an audio compression technology that is a further development of ATRAC3.

While the compression ratio of the previous ATRAC3 (in this unit's LP2/LP4 stereo mode) was 1/10th that of a CD, ATRAC3plus

(in this unit's Hi-SP/Hi-LP stereo mode) achieves a much higher compression ratio of 1/20th compared to a CD, while also providing high sound quality.

Q3: What are Hi-MD mode and MD mode?

A3: This unit has two modes, "Hi-MD mode" and "MD mode," and automatically detects the mode of the inserted disc.

Q4: What is Linear PCM?

A4: This is an audio recording method that does not use digital compression. Recording with this method allows you to enjoy the same sound quality as a CD.

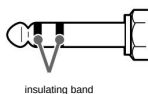
Q5: What is the ATRAC/ATRAC3 DSP TYPE-S?

A5: Employs the ATRAC-compatible DSP TYPE-S found in Sony's high-spec MD decks.

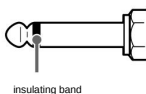
You can enjoy high-quality sound not only in MDLP mode, but also when playing ATRAC3 in Hi-MD mode. Furthermore, this DSP inherits the processing power of the ATRAC-specific DSP TYPE-R. It also excels at playing back songs recorded in SP stereo using TYPE-S or TYPE-R compatible devices.

Q6: How can I tell the difference between a stereo plug and a mono plug?

A6: Stereo plug: Two insulating strips



Mono plug: Has one insulating band



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Contact information

For any questions, technical inquiries, or concerns regarding this device, please contact us at the address below. • This

device's product category is [Audio] - [Walkman]. • When contacting us, please provide the following information:

—Model

number —Inquiry details: Please be as detailed

as possible —Date of purchase

商品の修理、お取扱い方法、お買物相談などの問い合わせ

● <http://www.sony.co.jp/SonyDrive/>

お客様ご相談センター

● ナビダイヤル  0570-00-3311

(全国どこからでも市内通話料でご利用いただけます)

● 携帯電話・PHSでのご利用は... 03-5448-3311

(ナビダイヤルがご利用できない場合はこちらをご利用ください)

● FAX 0466-31-2595

受付時間 : 月~金 9:00~20:00 土・日・祝日 9:00~17:00
お電話は自動音声応答にてお受けしています。

ソニー株式会社 〒141-0001 東京都品川区北品川 6-7-35



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