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Contact Information

If you have any questions about this product, technical inquiries, or concerns regarding a possible malfunction, please contact us at the address below.

- The product category for this device is [Audio] – [Walkman].
- When contacting us, please provide the following information:
  - —Model Name
  - —Details of your inquiry: Please provide as much detail 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

（土・日・祝日は自動音声応答にてお受けいたします。）

この説明書は100%古紙再生紙
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ソニー株式会社 〒141-0001 東京都品川区北品川6-7-35

2-587-073-02(1)

Printed in Malaysia

SONY

2-587-073-02(1)

Portable MiniDisc Player

User Manual

Basics Page 12
Advanced Page 21
Page 37
Troubleshooting • Q&A

Thank you for your purchase.

⚠警告 Failure to follow safety precautions when using electrical appliances may result in fire or personal injury.

This instruction manual contains important safety precautions to prevent accidents and instructions on how to use the product.

Please read this instruction manual carefully and use the product safely. After reading, be sure to keep it in a place where you can refer to it at any time.

WALKMAN Hi-MD MiniDisc MDLP

MZ-EH930

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⚠警告 For your safety

Sony products are designed with safety in mind. However, all electrical appliances are dangerous and can cause personal injury, such as fire or electric shock, if used incorrectly. To prevent accidents, be sure to observe the following precautions.

V

Follow safety precautions

Please read the precautions on pages 7–11 carefully. They contain general precautions regarding the product.

Inspect

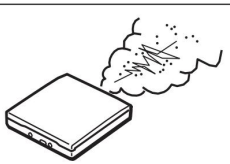
At least once a year, check the area between the AC power adapter plug and the outlet for dust buildup, and ensure the device is not being used while faulty.

Do not use if defective

If you notice any unusual behavior 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 to request repairs.

In the event of a malfunction

If you hear strange noises, smell an unusual odor, or see smoke



ÿ Remove the battery

@ Unplug the AC power adapter from the outlet

b ÿ Contact the store where you purchased the product or a Sony service center to request repairs

Meaning of Warning Labels

The following symbols are used in this manual and on the product. Please make sure you understand the meaning of these symbols before reading the main text

.

⚠警告

Failure to follow the precautions indicated by this symbol may result in personal injury, including death or serious injury, due to fire or electric shock.

⚠注意

Failure to follow the precautions indicated by this symbol may result in injury due to electric shock or other accidents, or damage to surrounding property.

Symbols indicating caution

Symbols indicating prohibited Actions

Symbols indicating instructions

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- “Walkman” and “WALKMAN” are registered trademarks of Sony Corporation used to designate headphone stereo products. is a registered trademark of Sony Corporation.
- Hi-MD, ATRAC, ATRAC3, ATRAC3plus, and their respective marks are trademarks of Sony Corporation.

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What this unit can do

In addition to discs recorded on conventional MD devices, this unit allows you to play and enjoy discs recorded on Hi-MD devices.

What is Hi-MD?

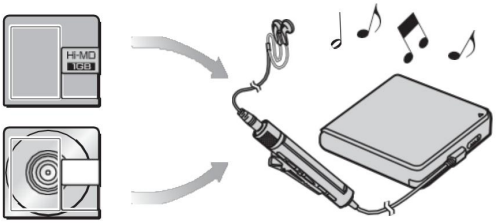
This is a new MD format that is an evolution of the conventional MD format.

About compatible discs

This unit supports the following discs.

1GB discs designed specifically for the Hi-MD standard

Conventional 60/74/80-minute discs*



* Depending on the settings of the recording device, some discs may have been recorded in Hi-MD mode, while others may have been recorded in MD mode.

Important

This unit is for playback only. Please use playback-only discs or pre-recorded discs. You cannot use this unit to record music or data onto discs.

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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 earbuds, perform intricate operations, or look at the display screen while driving a car, motorcycle, or other vehicle. Doing so can cause a traffic accident.

• Also, when using the device while walking, pay close attention to surrounding traffic and road conditions to prevent accidents.

Do not allow water or foreign objects to enter the device

Water or foreign objects entering the unit may cause a fire or electric shock.

If water or foreign objects do get inside, immediately turn off the power, unplug the AC power adapter from the outlet, and contact the store where you purchased the product or a Sony service center.

Do not touch the power plug if you hear thunder

This may cause electric shock.

Do not use charging stands, AC power adapters, car battery cables, or other accessories not specified by Sony

This may cause a fire, injury, or damage to the surrounding area due to rupture, leakage, or overheating.

Do not open the area

Opening or modifying the main unit or included accessories without proper authorization may cause a fire or electric shock.

Do not touch the AC power adapter or charging stand with wet hands

This may cause an electric shock.

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Do not use the device, AC power adapter, or charging stand while covered by a blanket or similar item

Heat can build up, causing the case to warp or resulting in a fire.

Do not charge or leave the device near a fire or in direct sunlight

This can cause the internal temperature to rise, leading to fire or malfunction.

Do not place metal objects on the charging stand

If the charging stand's terminals come into contact with metal, it may cause a short circuit and generate heat.

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 generate heat.

Machine Translated by Google

⚠注意

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

.

Do not listen at high volume for extended periods

Listening at high volumes for extended periods can have a negative impact on your hearing. Please be especially careful when using headphones. Keep the volume low enough that you can still hear and respond if someone calls your name.

禁止

Do not turn the volume up too high from the start

Sudden loud sounds can damage your ears. Increase the volume gradually. Please be especially careful when listening through headphones to digital devices such as MDs, CDs, or DATs, which produce very little background noise.

禁止

Do not touch AC power adapters, charging stands, or the product itself for extended periods while they are powered on

Prolonged skin contact may cause a low-temperature burn.

禁止

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Safety Precautions Regarding Batteries

To avoid **serious injury** or blindness caused by **leakage, rupture, overheating, fire, or accidental inge**

please be sure to follow the instructions below.

The following batteries can be used with this device.
Please check the label on the battery itself to confirm the type.

Rechargeable Batteries

Nickel-metal hydride (Ni-MH)

Disposable batteries

Alkaline

⚠危険 If a rechargeable battery or dry cell battery leaks

If a rechargeable battery or dry cell battery leaks, do not touch the liquid with your bare hands

Fluid may remain inside the unit, so please contact the Customer Support Center or a Sony service center.

If liquid gets into your eyes, do not rub them, as this may cause blindness. Rinse thoroughly with clean water, such as tap water, and seek medical attention immediately.
If liquid comes into contact with your body or clothing, it may cause burns or other injuries. Rinse immediately with clean water, and consult a doctor if you experience any symptoms of skin inflammation or injury.

⚠危険 About Rechargeable Batteries

- Insert the positive (+) and negative (-) terminals correctly according to the device's markings.
- Do not charge using any charging stand or AC power adapter other than the ones specified.
- If a carrying case for rechargeable batteries is included, be sure to carry and store them in the case.
- Do not place in fire. Do not disassemble or heat.
- Do not use, store, or leave the battery in high-temperature locations, such as near fire, in direct sunlight, or inside a car on a hot day.
- Do not carry or store the battery together with metal objects such as coins, keys, or necklaces. Do not short-circuit the battery.
- Do not remove or damage the vinyl outer tube.
- Do not use batteries that have leaked.
- Do not use rechargeable batteries other than the specified type.
- Remove the battery when it is fully discharged. Also remove the battery when not in use for long periods or when using AC power.
- Do not mix different types of batteries.

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⚠警告 About dry cell you

- Keep small batteries out of the reach of infants and young children, as there is a risk of them being swallowed. If swallowed, consult a doctor immediately, as this can cause choking or damage to the stomach or other organs.
- Insert the batteries correctly, matching the + and – marks on the device.
- Do not recharge.
- Do not place in fire. Do not disassemble or heat.
- Do not carry or store them together with metal objects such as coins, keys, or necklaces. Do not short-circuit them.
- Do not use batteries that have leaked.
- Remove the battery when it is fully discharged. Also remove the battery when not in use for long periods or when using AC power.
- Do not mix new and used batteries, or batteries of different types.

• If the positive (+) and negative (-) terminals of a dry cell battery, or the terminals on the battery case and the terminals on the device designed for the battery case, come into contact with metal, a short circuit may occur, causing the device to overheat.

⚠注意 About dry cell you

- Do not use, store, or leave the device in high-temperature locations, such as near fire, in direct sunlight, or inside a car on a hot day.
- Do not remove or damage the outer plastic sleeve.
- Do not use other batteries than the specified type.

Request

Used rechargeable batteries are a valuable resource. Please cover the terminals (metal parts) with tape or similar material and bring them to a participating rechargeable battery recycling store.

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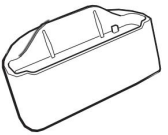
Check the accessories

• AC power adapter

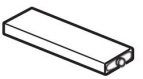
•Charging stand



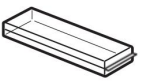
•Remote control

• Headphones battery

•Rechargeable nickel-metal hydride NH-14WM (A)



• Rechargeable battery case



• Dry-cell battery case (No DC IN jack)

• Carrying pouch

•MZ-EH930 User Manual

• Warranty Card

• Sony Customer Support Information

Important

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

- Do not sit with the unit in a back pocket of your pants or similar.

- Do not place the unit in a bag with the remote control or headphones wrapped around it, and do not apply excessive force to the exterior.

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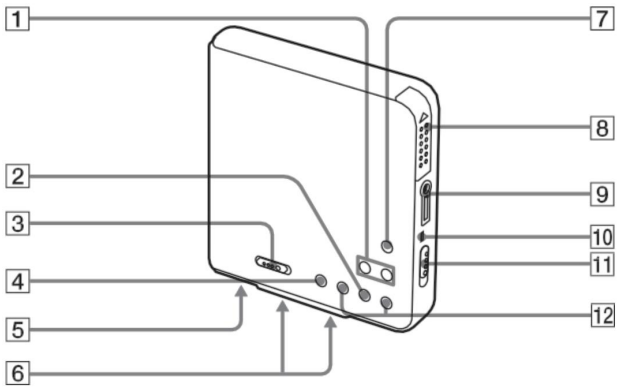
Parts Names

Main Unit



Volume

1 VOL +* and – buttons

2 ÿ" (Play/Pause) *button

Hold

3 HOLD switch Slide

in the direction of the arrow to disable operation of the unit. This prevents accidental operation when carrying the unit in a bag or similar.

4 ÿ (Stop) button

5 Charging terminal

6 Battery compartment terminal

GROUP

7 GROUP button

8 rechargeable battery compartments

9 i (Headphone) Jack

Charge Operation

10 CHG (Charge)/OPR (Operation) Indicator

Open

qz OPEN knob

qs D,D (Rewind/Fast-forward)buttons

* Features a raised dot (protrusion). Please use this as a guide for operation.

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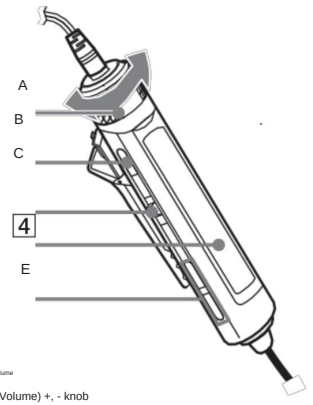
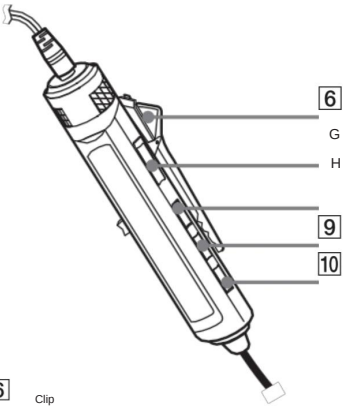
Remote Control





Volume

1. VOL (Volume) +, - knob

2 ÿ (Stop) button

3 Jog lever

Enter

(D•ÿ"/ENT•D)

Operation	Function
Slide to the D side	Cue/Rewind
▶II /ENT Press	Play/Pause/Confirm
SlidetoD	Cue / FastForward

4 Display Window

5 (Group) +, – buttons

6 Clip

Hold

7 HOLD Switch

If you slide the switch in the direction of the arrow to display the yellow mark, remote control operations will be disabled. This prevents accidental operation caused by buttons being pressed when carrying the unit in a bag or similar.

Display

8 DISPLAY button

Please Mode

9 P MODE/ (Repeat) button

Sound

10 SO time zone button

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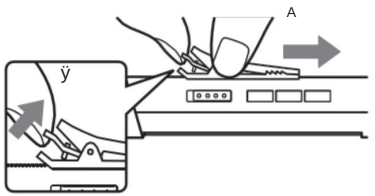
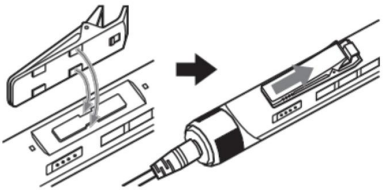
How to Use the Remote Clip

You can also remove the clip and reattach it in the opposite direction.

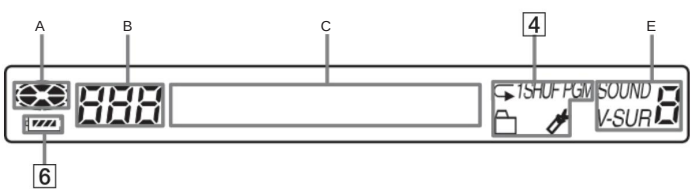
To remove



To attach it in the opposite direction



Display window (remote control)



1 Disc Display

2 Track Number Display

3 Text Display

4 Playback Status Display

5 SoundDisplay 6 Battery Level Display

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Prepare

When you purchase the unit, please charge the rechargeable battery first.

1 Insert the rechargeable battery

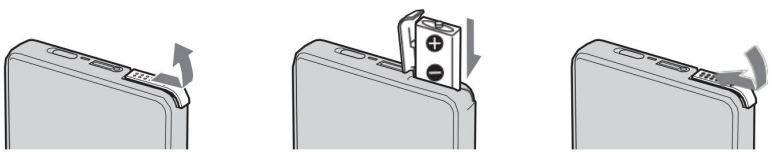
ÿ Slide the rechargeable battery compartment cover in the direction of the arrow.

@Insert the rechargeable battery.

Insert the battery with the side facing inward.

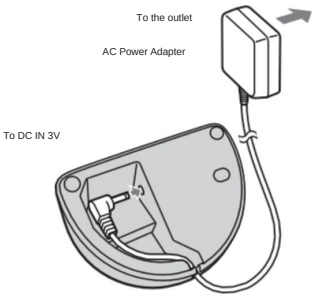
NH-14WM(A)

ÿ Close the cover.



2 Charging

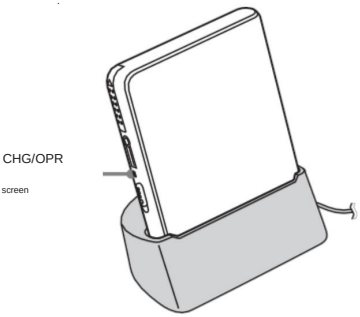
ÿ Connect the charging stand to the AC power adapter, then plug it into an outlet.



Please hook the adapter cord onto the hook as shown in the figure above.

@ Place the unit on the charging stand.

When charging begins, the CHG/OPR lamp will light up.



Gently press down on the unit from above to ensure it is securely seated in the stand. When charging is complete, remove the unit from the charging stand.

Z

• If you start charging from a fully discharged state, the CHG/OPR lamp will turn off in about 3.5 hours.

You can use the unit once the CHG/OPR lamp turns off.

• If you perform any operations, such as playback, while charging, the charging process will stop.

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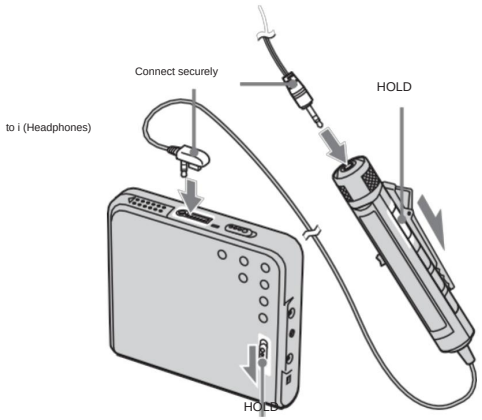
3 Connect the remote control and release the hold

ÿ Connect the remote control to the main unit.

@ Slide the HOLD knob to release the hold



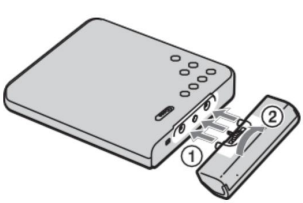
Note

When connecting the output of this unit to external audio equipment (such as an amplifier or active speakers), remove the remote control and connect a commercially available audio connection cable to the i (headphone) jack before use.

When using alkaline batteries for extended periods

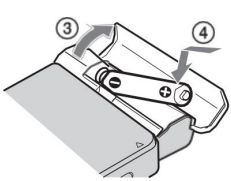
1 Attach the battery compartment to the main unit.

Back of the main unit



2 Insert one Sony alkaline battery (AA size).

Be sure to insert the battery from the " "side."



Caution

When using dry cell batteries, be sure to use alkaline batteries. Using any other type of battery may result in shorter battery life or may impair the performance of the rechargeable batteries used in combination

.

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Note

- When you first purchase the product or after a long period of non-use, the rechargeable batteries may have a short battery life
  This is due to the nature of the battery; it will be fully charged after several charge and 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, we recommend using a household power outlet (wall outlet).

When to recharge rechargeable batteries / When to replace dry cell batteries

When to replace

While in use, the battery level indicator in the remote control's display window or the CHG/OPR lamp on the main unit will notify you.

Remote control display

m	The battery is running low.
m	The battery is running low.
	The battery is completely drained."LOW BATT" will flash, and the power will turn off.

CHG/OPR lamp display on the unit

LED lights V	Battery level is sufficient.
LED flashing battery V	The battery is running low.
LED flashing rapidly	The battery is completely drained. After a while, the LED will turn off and the power will shut off.

The battery level indicator is not the actual remaining charge, but is displayed as a rough guide only. It may vary depending on operating conditions and the environment.

Note

- Even if you insert a rechargeable battery that is not fully charged, all the battery level indicators may light up; however, if the battery is low (or has not been charged for a long time), the operating time will be stricter.
- When using the fast-rewind/fast-forward functions or in extremely cold environments, the remaining battery level will be higher, and

Battery life

In Hi-MD mode (1GB discs for the Hi-MD standard) (JEITA1)

Playback status Linear PCM / Battery type	Hi-SP Stereo	Hi-LP Stereo
Rechargeable battery 2	Approx. 12 hours	Approx. 21.5 hours Approx. 25 hours
Alkaline 3	Approx. 15.5 hours	Approx. 25.5 hours A pprox .
Rechargeable battery + Alkaline Batteries	3 1 hours Approx. 3 1 hours Approx. 53.5 hours Approx. 65 hours	

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

(JEITA1)

Playback status: Linear / Types of Batteries	Hi-SP Stereo	Hi-LP PCM Stereo
Rechargeable battery 2	Approx. 9 hours	Approx. 18.5 hours Approx. 24.5 hours
Alkaline 3 battery	Approx. 12 hours	Approx. 28 hours Approx.
Rechargeable battery + Alkaline included	33.5 hours A pprox	· 2-3 hours, approximately 50 Hours : Approximately 62.5 hours

In MD mode (JEITA1)

Playback status SP / Battery type	LP2 Stereo	LP4 Stereo
Rechargeable battery 2	Approx. 20 hours	Approx. 25 hours Approx. 27.5 time
Alkaline 3	Approx. 29.5 hours	Approx. 36.5 hours Approx. 41 hours
Rechargeable battery + Alkaline included	Approx. 53.5 hours	Approx. 60.5 hours Approx. 70.5 hours

1 Measurements based on JEITA (Japan Electronics and Information Technology Industries Association) standards.

2) Rechargeable nickel-metal hydride battery NH-14WM(A)

3) Measured using Sony LR6(SG) alkaline batteries made in Japan.

Caution

Be sure to turn off the unit before replacing the rechargeable batteries.

Connecttoawalloutlet(householdpowersource)anduseBy connecting the AC power adapter to the charging stand and placing the unit on it, you can use the unit even without rechargeable batteries.

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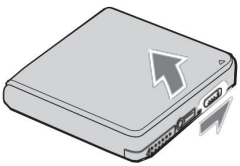
Play

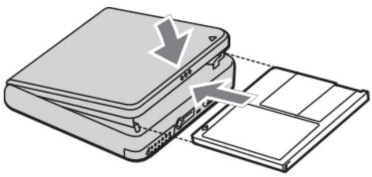
1 Insert a standard disc

ÿ Slide the OPEN knob.

The lid will open.



2 Place the disc with the label side up, push it all the way in following the direction of the arrow, and close the lid.



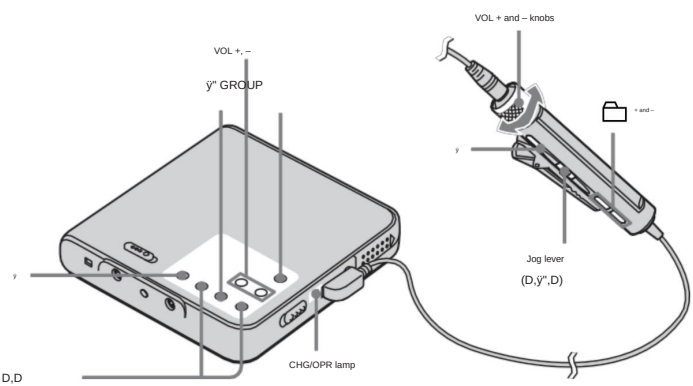
2 Play

ÿ Pressÿ. On the remote control, press the jog lever (ÿ).

You will hear a "beep" to confirm the operation.

2 Press VOL+ or VOL- to adjust the volume. On the remote control, turn the VOL+ or VOL- knob to adjust the volume.

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



To stop, press ÿ.

A confirmation beep will sound when you operate it. The next time you play, it will start from where you left off. The power will automatically turn off approximately 10 seconds after stopping.
When rechargeable batteries are installed in the unit and it is being used with the AC power adapter, the power will turn off once charging is complete.

Machine Translated by Google

In this case	Unit Operation	Remote control operation
Stop	Press ÿ.	Press ÿ.
Pause	Press ÿ. Press it again to cancel.	Press the jog lever (ÿ). Press it again to cancel.
Skip to the beginning of the current track or the previous track	Press "D". Or press "D" the number of Tracks you want to go back.	Slide the jog lever toward D. Or slide it toward D the number of tracks you want to go back.
Skip to the beginning of the next track	PressD.	Slide the jog lever toward D.
Rewind or fast-forward while playing	Press and hold D or D.	Keep the jog lever shifted towardD orD.
Find the desired point while viewing the elapsed time (Time Search)	While paused, press and holdD orD.	While paused, slide the jog lever to the D or D side and hold it there.
	While stopped, press and holdDor D.	While stopped, slide the jog lever to the D or D side and hold it there.
Find the part you want to listen to by checking the track number (Index Search)	While stopped, press GROUP, then press D or D [2].	Press + or –.
Jump to the beginning of a group [1] (Group Skip)	While stopped, press and hold ÿ" for at least 2 seconds.	While stopped, press and hold the jog lever for at least 2 seconds (ÿ).
Start playback from the first track on the disc		
Eject the disc	Press ÿ, then slide the OPEN knob to open the cover [3].	Press ÿ, then slide the OPEN knob on the unit to open the cover [3].

[1] If there are no groups on the disc, the disc will skip to the beginning of every 10th track.

[2] Please operate the unitwithin the 5 seconds that the CHG/OPR lamp is lit. During this time, the " " mark will flash in the remote control's display window.

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

If playback does not start

, check the Hold (anti-misoperation) switch (pages 13, 14, and 17).

Caution

Watch may skip in the following cases.

- When the unit is subjected to repeated strong shocks
- When playing a scratched or dirty disc When playing a disc recorded in Hi-MD mode, sound may be interrupted for up to approximately 12 seconds.

Machine Translated by Google

How to operate the menu

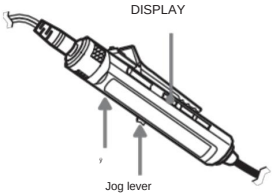
This unit's convenient functions are operated via the menu. Follow the steps below to operate the menu.

When you operate the menu for the first time after purchase, "Menu Mode" will flash on the display. Before use, set the menu mode to "Simple" (displays basic items only)) or

"Advance" (all items displayed) to display the menu

For details, see "Changing the Displayed Menu Items" (page 29).

page) to set the menu mode.



1 Press and hold DISPLAY for at least 2 seconds.

The menu screen will appear.

2 Move the jog lever to select an item.

3 Press the jog lever to select an item.

4 Follow the on-screen **instructions** and repeat steps 2 and 3.

The settings are confirmed when you press the jog lever for the last time.

To return to the previous step

Press the ÿ button.

To cancel during the process

Press and hold the ÿ button for at least 2 seconds.

Machine Translated by Google

Menu List

The following menu items can be configured. Settings can be adjusted using the remote control only. When “Menu Mode” is set to “Advanced,” all menu items are displayed. When set to “Simple,” menu items marked with an asterisk (*) are not displayed. For details, see “Changing the Displayed Menu Items” (page 29).

Note

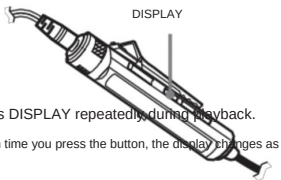
The items displayed vary depending on the operating conditions and disc settings.

First Level	Second Level	Function	See page
MainPlayMode	Normal	Select songs by category, such as song title or group name 23	
	Group Artist		
	Album		
	Bookmark		
	Program		
Option	Menu Mode	Snow Menu Display	29
	AVLS*	Reduce sound leakage from headphones	29
	Beep*	Set the consonant tone	30
	Backstage	Set the backlight for the remote control display window	30
	Disc Memory*	Save disc settings	30
	Quick Mode*	Start Summon article	31
	JP Character*	Set display to prioritize Kanji or alternate between Kanji and Kana 32 (MD mode only)	

Machine Translated by Google

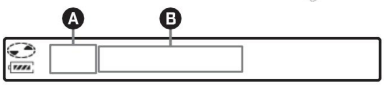
Viewing Information on the Display

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



1 Press DISPLAY repeatedly during playback.

Each time you press the button, the display changes as follows.



The name appears after each mark.

: Song title

Disc name:

Group name

Artist name

Album title

Display A/

A

Track No. Elapsed Time

Track No.

• Song Title and Artist Name

(Hi-MD)

• Song Title (MD)

Total Number of Tracks on Disc Disc Name

Track Number within Group [1) 1)] Group Name

Track number within the group (1) Album name 1 (Hi-MD track number

Day Mode Name [2)]

Track number

• Codec information

(Hi-MD) 2)

• Track Mode information

(MD) 2)

[1] When playing a track that does not belong to a group, the track number on the disc and the disc name are displayed.

(2) This information is not displayed when the menu mode is set to “Simple” (page 29).

Note

The display may vary depending on the disc's group settings, operating status, and configuration.

Preparing a Playback Mode

You can select a playback mode to listen to songs in various ways. Playback modes can be set in three combinations: Main Playback Mode, Sub Playback Mode, and Repeat Playback.

Select

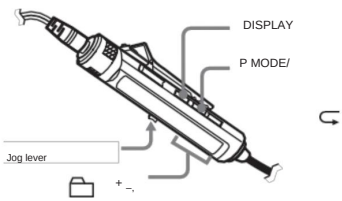
• Main Playback Mode: the unit, such as a song or sh

group

Select the unit, such as a song or a loop.

• Sub Playback Mode: Select the playback method.

• Repeat Playback: Set repeat playback.



Machine Translated by Google

Select the main playback mode to listen to songs

Select the unit you want to play, such as a song or a group, and play it.

Display	Playback Status
Normal	Normal playback (play all tracks on the disc once)
Group	Group Play (Plays only the currently selected group)
Artist*	Artist Playback (Plays only songs by your favorite artist)
Album*	Album Playback (Play only songs from your favorite albums)
Bookmark Track Playback	(Play only bookmarked tracks in order)
Program	Program Playback (Play (songs in the order you want)

* Displayed only in Hi-MD mode.

Listen to songs in normal mode (Normal Playback)

1 Press and hold DISPLAY for at least 2 seconds during playback.

2 Move the jog lever to select “Main Play Mode,” then Press it to confirm.

3 Move the jog lever to select “Normal”

and press to confirm.

The system plays the tracks in order, starting from the currently playing track and continuing until the last track on the disc.

Listening to songs in a group (Group Play) Please use a disc with groups set up.

1 Press and hold DISPLAY for at least 2 seconds during playback.

2 Move the jog lever to select “Main Play Mode,” then press to confirm.

3 Move the jog lever to select “Group,”

and press to confirm.

4 Press your to select your desired group.

The system will play all tracks from the first to the last in the selected group.

Z

- While playback is in progress, press GROUP on the unit, then press Dor D to skip to the beginning of the group

You can do this.

• If there are tracks that do not belong to a group,

"Group – –" will be displayed.

Select an artist to listen to songs (Artist Playback) (Hi-MD mode only)

If a song has an artist name associated with it, you can search for and play the song by artist name.

1. Press and hold DISPLAY for at least 2 seconds during playback.

2 Move the jog lever to select “Main Play Mode,” then Press it to confirm.

3. Move the jog lever to select “Artist,”

and press to confirm.

4 Press your to select your preferred artist

The unit will play the tracks from the first to the last recorded track for the selected artist.

Z

During playback, press GROUP on the unit, then press D or D to skip to the beginning of the track

.

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Selecting and listening to an album (Album playback) (Hi-MD mode only) If a track has an album name, you can search for and listen to tracks by album name.

1 Press DISPLAY for 2 seconds or longer during playback.

2 Move the jog lever to select “Main Play Mode,” then Press it to confirm.

3 Move the jog lever to select “Album”

and press to confirm.

4 Press + or - to select your desired album.

The player will play all tracks on the selected album, from the first to the last.

Z

While playback is in progress, press GROUP on the unit, then press D or D to skip to the beginning of the album.

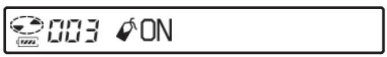
Selecting and listening to only your favorite songs (Bookmark Track Playback)

You can add bookmarks to your favorite songs and play only those songs. However, you cannot change the order of the songs.

To add a bookmark

1. Play the track you want to bookmark,

press and hold the jog lever for at least 2 seconds.
The first track will be bookmarked.



2 Repeat step 1 to add bookmarks.

Continue.

To play a bookmarked song

1. While playback is in progress, press and hold the DISPLAY button for at least 2 seconds.

2 Move the jog lever to select “Main Play Mode,” then Press it to confirm.

3. Use the jog lever to scroll to

select “Bookmark,” then press to confirm.

Playback of bookmarked tracks will start in ascending order

The lowest track numbe

Chapter with the track

i

Ro

e

4 Move the jog lever to the track you want to play

.

Re

Play

Play

,

or

To delete bookmarks

Play the song whose bookmark you want to delete,

Press and hold the jog lever for at least 2 seconds.

the

n

Reorder songs or groups to listen to them in your preferred order (program playback)

You can rearrange songs and groups in any order you like to listen to them.

Programming tracks (Track Program)

1. While playback is in progress, press DISPLAY for 2 seconds or longer.

2 Move the jog lever to select “Main Play Mode,” then Press it to confirm.

3. Use the jog lever to select “Program”

and press to confirm.

4. Scroll the jog lever to select “Track”

and press to confirm.

Continue on the next page

Machine Translated by Google

5 Move the jog lever to select a song, then press

to confirm.

6 Repeat step 5 to program the songs

.

You can program up to 64 songs.

7 When you have finished selecting, press the jog lever

for 2 seconds

to confirm.

The settings are confirmed, “PGM” is displayed, and playback begins from the first track in the program.

Programming a group

1. Press and hold DISPLAY for at least 2 seconds during playback.

2 Move the jog lever to select “Main Play Mode,” then Press it to confirm.

3. Move the jog lever to select “Program”

and press to confirm.

4 Move the jog lever to select “Group,” then press to confirm.

5 Move the jog lever to select a group, then press to confirm.

6 Repeat step 5 to program the group

.

You can program up to 20 groups.

7 When you have finished selecting, press and hold the jog lever for at least 2 seconds to confirm.

The programming is confirmed, and " " is

"PGM" will appear, and playback will begin with the first track in the first group of the playlist.

Z

- Pressing the jog lever during programming allows you to check the tracks or groups programmed so far.
- If you set the track number or group number to

to “000” and the program number to “01,” then press the jog lever to clear the program.

- To change a programmed track or group, display the program order you wish to change, then reprogram it using the procedure in step 5 above.
- If you press the ÿ button while setting the program, the program settings made up to that point will not be saved, and the unit will return to the state it was in before you started setting the program.

Selecting Sub Playback Mode

You can listen to songs selected in the main playback mode in various ways.

For example, if you select “Group” in Main Playback Mode and “SHUF” in Sub Playback Mode , you can play the songs in the selected group in random order.

Press P MODE/ repeatedly.

The display changes as follows with each press.

Display	Playback mode
(Nodisplay)	Normalplayback(play all tracks once)
1	Play 1 track (play only the selected track)
SHUF	Shuffle Playback (Plays songs selected in Main Playback)

Machine Translated by Google

See playback

You can listen to a song repeatedly.

Press P MODE/ for at least 2 seconds.

"" "will light up."

To cancel

Press and hold P MODE/ for at least 2 seconds to turn off "".

Adjusting the sound to your preference

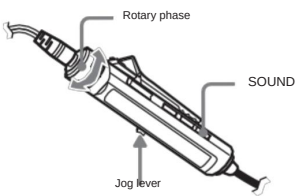
(Virtual Surround / 6-Band Equalizer)

You can adjust the realism of the sound and select and set your preferred sound quality.

You can choose one of the following two effects.

- V-SUR (Virtual Surround): Adjusts the sense of sound immersion. (4 types)
- 6-Band Equalizer: Adjusts the sound quality. (6 (presets)

): Adjusts the sound quality. (6 types)



Change the sense of immersion

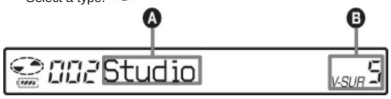
(Virtual Surround)

1. While playback is in progress, press the SOUND button repeatedly to to display "V-SUR".

2 Press and hold SOUND for at least 2 seconds.

3 Move the jog lever to adjust the surround

Select a type.



Each time you move the jog lever, A and change as follows.

A	
Studio	*V-SUR* S
Live	*V-SUR* L
Club	*V-SUR* C
Arena	*V-SUR* A

4 Press the jog lever to confirm.

To cancel the setting

In Step 1, select the state where nothing is displayed at .

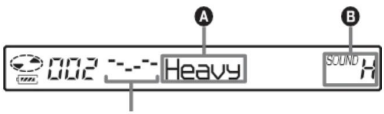
Select Sound Quality ÿ

(6-band equalizer)

1 While playing, press SOUND repeatedly to until "SOUND" is displayed.

2 Press and hold SOUND for at least 2 seconds.

3 Move the jog lever to select a sound .



Levels for each frequency: 100Hz–10kHz

Each time you move the jog lever, A and change as follows.

Continue on the next page

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A	
Heavy	*SOUND* H
Pops	*SOUND* P
Jazz	*SOUND* J
Unique	*SOUND* U
Custom1	*SOUND* 1
Custom2	*SOUND* 2

4 Press the jog lever to confirm.

To cancel the setting

In Step 1, select the option where nothing is displayed at ISI.

Set the sound quality to your preference

You can save your preferred sound settings to "Custom1" and "Custom2".

1. Follow steps 1–3 above to display “Custom1” or “Custom2”.

2. Press the jog lever.

3 Move the jog lever to select a frequency

ISI.

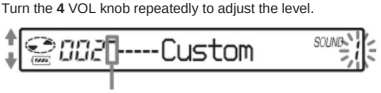
Frequency (100 Hz)

You can choose from the following six frequencies.

From left to right: 100 Hz, 250 Hz, 630 Hz, 1.6 kHz,

4kHz, 10kHz

Turn the **4** VOL knob repeatedly to adjust the level.



Level (+10dB)

You can choose from the following 7 levels:

-10dB, -6dB–3dB, ,0dB ┼3dB ┼6dB ,

+10 dB

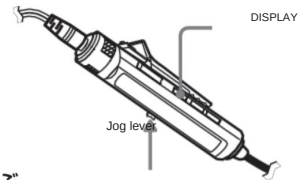
5. Repeat steps 3 and 4.

6 Press the jog lever to confirm.

Machine Translated by Google

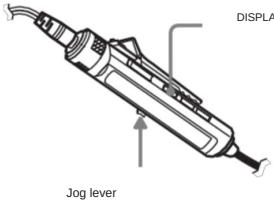
Changing the displayed menu items (Menu Mode)

You can set the display to show all menu items (“Advanced”) or only the basic items (“Simple”). For menu items that are not displayed, see “Menu List” (page 22).



1 Select “Option” – “Menu Mode” using the menu controls.

2 Move the jog lever to select “Simple” or “Advanced,” Then press to confirm.



1. Select "Option" – "AVLS" from the menu .

2 Move the jog lever to select “AVLS On" and press to confirm.

If you try to raise the volume above a certain level, “AVLS” h will flash on the display, and the volume will not increase any further. Fixed

Eac

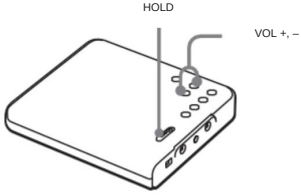
To cancel this setting

, select “AVLS Off" in step 2 .

Reduce sound leakage and create a sound that is gentle on the ears (AVLS – Auto Volume Limiter System – Comfort Volume)

This reduces the risk of sound leakage, ear discomfort, and the inability to hear surrounding sounds caused by excessive volume, allowing you to listen at a more comfortable volume.

Operating the area



To set

During playback, slide the HOLD switch toward then while holding down the VOL – button, slide the HOLD switch in the opposite direction toward .

To cancel the setting

During playback, slide the HOLD switch toward " ," then, while holding down the VOL + button, slide the HOLD switch in the opposite direction toward " ."

.

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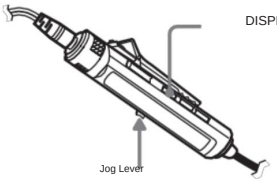
To turn off the confirmation tone

Play/mute the tone confirmation on the main unit and remote control

You can set the display to not light up.



1 In the menu, select “Option” – “Beep” .

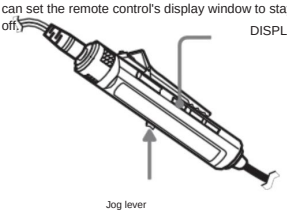
2 Move the jog lever to select “Beep Off,” then press to confirm.

To revert the setting

, select “Beep On” in step 2.

Turn the display backlight on/off

You can set the remote control's display window to stay on or turn off.



1 While stopped, use the menu to select “Option” – “Backlight” from the menu.

2 Move the jog lever to select your preferred setting and press to confirm.

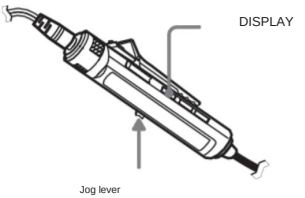
Display	You can
Auto (Auto)	Lights up during operation. Turns off after a few seconds of inactivity (default setting).
Always On (On)	The light stays on while the device is in use.
Always Off	Always off.

Save settings for each disc (Disc Memory)

This unit is set to automatically register disc settings upon purchase.
When this setting is enabled, the settings are automatically saved when a disc is removed, and the settings are automatically recalled when the same disc is inserted again. The following settings can be saved.

- Programmed sample
- Bookmarked tracks
- "Custom1" for the 6-band equalizer "Custom2"

You can check whether the settings are being saved by following these steps.



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1 Remove the disc and close the lid

, then use the menu to select “Option”–

“Disc Memory” via the menu.

By default, “On” is displayed, indicating that the setting is enabled.

Once you confirm that “On” is displayed, press the ÿ button for at least 2 seconds to exit.

2 If “On” is not displayed, move the

move the joystick to select “On,” then press it to confirm.

To set it not to save

, Select “Off” in Step 2 .

To delete a registration

1 Insert the disc you want to remove from the list,

and verify the contents.

2 In Step 2 above, select “1MemoryErase”

.

The disk's configuration information will be removed from the registry.

Z

When "Disk Memory" is set to "On", "DISC MEMORY" will be displayed when you reinsert a disc registered in the disk memory.

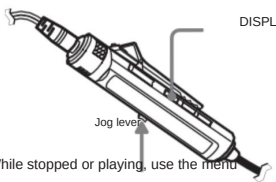
Note

- You can register up to 64 discs, but if you exceed 64, the oldest discs will be automatically deleted. The number of discs that can be registered varies depending on the number of tracks recorded on the disc. The more tracks there are per disc, the fewer discs can be registered.
- If you clear the registration for a disc that has never been registered in the disc memory, “No DiscMEM” will be displayed.

Quick Listening

(Quick Mode)

This unit is set by default so that you can hear playback sound immediately after pressing the play button.
You can check if this setting is enabled by following the steps below.



1 While stopped or playing, use the menu

, select "Option" – "Quick Mode"

.

The “Quick On" screen will be displayed when you first purchase the device.

Once you confirm that "Quick On" is displayed, press and hold the ÿ button for at least 2 seconds to exit.

2 If "Quick On" is not displayed, move the jog lever to to select "Quick On," then press it to confirm.

If you will not be using the unit for an extended period of time

select “Quick Off” in step 2 .

This will help conserve battery power when the unit is not in use.

Note

If you set the option to “Quick On,” the unit will remain powered on internally even when nothing is displayed on the screen. When the battery is completely depleted, the unit will automatically turn off internally.

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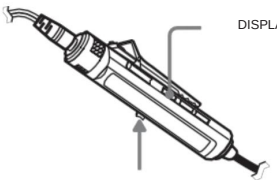
Switching the title display method

You can switch the display method only for discs recorded in MD mode.

You cannot switch the display for discs recorded in Hi-MD mode. For discs recorded in MD mode, there are two display options.

- Kanji Priority: The default setting. Normally, leave this setting as is.
- Kanji/Kana Alternate: Select this option when entering text on a computer and you have registered different information in the full-width and half-width fields (eg, song title in the full-width field and artist name in the half-width field). Both pieces of information will be displayed.

To set it to "Kanji-Kana Alternating," follow these steps to switch the setting.



1 Select “Option” – “JP

"Character" in the menu.

2 Move the jog lever to select “Kanji & Kana,” then Press to confirm.

To revert the setting

"Kanji First" in step 2.

Note

Even if alphanumeric characters and spaces are entered as full-width characters in your computer software, they will all be displayed as half-width characters on this unit.

Machine Translated by Google

Precautions for use

Do not disassemble

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, skipping may occur or playback may become impossible.
Also, to prevent dust from accumulating, be sure to keep the lid closed except when inserting or removing discs.

About the AC Power Adapter (for the included charging stand only)

- Please use the included AC power adapter

(unified polarity plug, JEITA standard). Using any other product may cause malfunction.

Unified polarity plug

- Connect the AC power adapter to a power outlet that is easily accessible, and unplug it immediately if any abnormalities occur.
- Please observe the following precautions when using the AC power adapter.

— Do not place this unit in a confined space such as on a shelf or in a built-in cabinet.

— To avoid the risk of fire or electric shock, do not use the unit in locations where it may be exposed to water or in damp environments. Also, do not place vases or other containers filled with water on top of the unit.

Disposal of Rechargeable Batteries in Japan

Nickel-metal hydride batteries are recyclable. Please wrap the metal parts of used nickel-metal hydride batteries with insulating tape (such as electrical tape) and take them to a participating recycling store.

For information on the collection and recycling of rechargeable batteries, as well as participating recycling centers, please refer to the JBRC website at http://www.jbrc.net/hp/contents/index.html.

Ni-MH

Handling

- Do not drop the battery or subject it to strong impacts.

.Doing so may cause malfunction.

- Pulling hard on the cords of remote controls or headphones

Do not give

- Do not place the unit in the following locations:

— Places with extremely high temperatures (60°C or higher).

— Places exposed to direct sunlight or near heating appliances.

— Inside a car with the windows closed (especially in summer).

— Places with high humidity, such as bathrooms.

— Near magnets, speakers, televisions, or other magnetic objects.

— Dusty areas.

- In high-temperature (40°C or higher) or low-temperature (0°C or lower) environments, the LCD display may become difficult to read or the display may update slowly. It will return to normal once the temperature returns to room temperature.
- Do not place hard objects in the carrying pouch along with the unit. This may cause the finish to chip or scratch.

Regarding Temperature Rise

The unit may become warm during charging or after prolonged use, but this is not a malfunction.

Operating Noise

This device is designed for energy-efficient operation. Therefore, it may emit intermittent operating sounds while in use,

This is not a malfunction.

.

Do not

Do not

Machine Translated by Google

About Charging

- The included charging stand is designed exclusively for this device. It cannot be used to charge other devices.
- Do not charge any batteries other than the specified ones using the included charging stand.
- Be sure to use the included AC power adapter for charging.
- Charge the device in a location with a temperature between +5°C and +35°C.

• If you will not be using the device for an extended period, remove the rechargeable battery and store it in a cool, dry place. To prevent battery degradation, do not store the rechargeable battery when it is completely discharged or fully charged.

- The charging stand and the main unit will become hot during charging, but this is not dangerous.
- When you first purchase the unit or after a long period of non-use, the rechargeable battery may have a short runtime. This is due to the nature of the battery, and it will charge fully after several charge-discharge cycles.

• If the operating time is reduced to about half of normal even after a full charge, replace the rechargeable battery with a new one.

• If you do not plan to use the unit for an extended period, unplug the AC power adapter from the outlet and remove the unit from the charging stand.

handling the Disc

- The MiniDisc itself is housed in a cartridge, allowing for easy handling without worrying about dust or fingerprints. However, dirt or warping of the cartridge can cause malfunctions. Please observe the following precautions to ensure you can enjoy beautiful sound for a long time.

— Do not open the shutter by hand

Forcing it open will break it.

Shutter Cartridge

— Place the disc in its case when carrying or storing it

— Storage

Do not store in places with high temperatures or high humidity, such as areas exposed to direct sunlight. Also, do not leave it in places where sand could get on the disc, such as on a sandy beach.

— Regular Maintenance

Wipe off any dust or debris on 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 spot. Be sure to align it with the label recess and attach it securely.

About the Headphones

• If you feel that the included headphones do not agree with your skin while using them, stop using them immediately and consult a doctor or our Customer Service Center.

• If the volume is set too high on the included headphones, sound will leak out. Be careful not to set the volume too high and disturb those around you.

It is easy to turn up the volume in noisy environments, but when listening with headphones, aim for a volume level where you can still hear and respond if someone calls out to you.

About the Remote Control

The included remote control is designed exclusively for this device. You cannot operate this device using remote controls included with other models.

Care Instructions

If the surface is dirty

Gently wipe with a soft cloth slightly dampened with water, then dry thoroughly . Do not use thinners, benzene, alcohol, or similar substances, as they will damage the surface.

Caring for the Headphone and Remote Control Plugs

Dirty plugs can cause noise or sound dropouts. To ensure you always enjoy good sound quality, wipe the plugs occasionally with a soft cloth to keep them clean.

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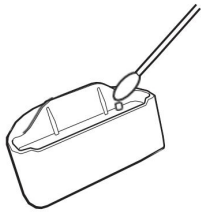
Caring for the terminals Please
clean each terminal regularly with a cotton swab or soft cloth.



About the battery compartment

The included battery case is designed exclusively for this unit.

In the unlikely event of a malfunction, do not open the unit; instead, consult the store where you purchased it or a Sony service center. (If the unit malfunctions while a disc is inside, we recommend consulting a service center with the disc still inside to help identify the cause of the malfunction quickly.)

Main Specifications

Model

MiniDisc Digital Financial System

Playback/Reading Method

Contactless optical reading (using a semiconductor laser)

GaAlAs MQW diode, ÿ=790 nm

Rotational Speed

Approx. 350 rpm to 3,600 rpm (CLV)

Error correction

Hi-MD:

LDC (Long Distance Code) /

BIS (Burst Indicator Subcode)

MD:

ACIRC (Advanced Cross Interleave Reed Solomon Code)

Sampling frequency

44.1 kHz

Coding

Hi-MD:

Linear PCM (44.1 kHz/16-bit) — 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)

So

etc.

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Frequency Response (Headphone Output)

20–20,000 Hz ±3 dB

Output Terminals i:

Stereo mini jack (dedicated remote control jack)

Maximum Practical Output [1]

Headphones: 5mW + 5mW (16ÿ)

Power supply

Rechargeable nickel-metal hydride battery
NH-14WM(A) 1.2 V, 1350 mAh (MIN) Ni-MH 1 cell

Alkaline battery (AA size) 1

AC power adapter DC 3V, AC 100

-240 V, 50/60 Hz

Stainless temperature

+5°C to +35°C

Battery life

See “Battery Life” (page 18)

Unit Dimensions

Approx. 76.9 × 83.4 × 14.7 mm

(Width/Height/Depth, excluding protrusions)

Maximum Dimensions [1]

Approx. 77.9 × 83.6 × 15.4 mm

(Width/Height/Depth)

Weight

Approx. 76 g (unit only)

Approx. 103 g (including rechargeable battery)

[1] Measured in accordance with JEITA (Japan Electronics and Information Technology Industries Association) standards.

This product is licensed under US and foreign patents held by Dolby Laboratories.

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

The year of manufacture is indicated on the inside of the unit's cover.

Optional accessories

Stick controller for MD/CD Walkman with kanji display support
RM-MC35ELK Rechargeable nickel-metal hydride battery
NH-14WM

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 microphone plug cannot be used.

The following models cannot be used with this unit.
ÿTally Commander RM-WMC1 MD Label Printer MZP-1 IC

Memory/Repeat Learning/MD Controller RPT-M1

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If you think there might be a malfunction

If a problem occurs while using this unit, please try checking it again following the steps below before contacting customer service. (Please also refer to the Message List on page 41.) If a message is displayed, we recommend writing it down.

Step 1: Check this manual

Check this section, “If You Think It Might Be a Malfunction,” and look up the relevant item.

In addition, the procedures in this manual and the “Message List” contain various information. Please check the relevant sections.

Step 2: If the problem persists

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

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About Charging

Symptom	cause	Cases
Unable to charge, or	Rechargeable battery not inserted correctly	Reinsert the rechargeable battery correctly.
The battery does not fully charge.	Not fully charged. Or the AC power adapter It is not connected properly.	Reconnect the AC power adapter .
	When you first purchase the device or after a long period of non-use , The battery will eventually It may be short.	If you have just purchased the unit or have not used it for a long time .
	Make sure the connection between the unit and the The selection stand is secure .	Remove the unit from the charging stand, Please place the unit in a fixed location. . At this time, please also check .
	The temperature at the charging location is too low or too high ("SLOW CHG" or "Cannot CHG" (is displayed).	Please charge the device in a location with a temperature between +5°C and +35°C.
	No rechargeable battery is installed.	Please insert a rechargeable battery.
The battery is charging even though it wasn't in use The rechargeable battery has run out .	"Quick Mode" If the "Quick Mode" (page 31)	"Quick Mode" The "Quick Mode" setting was set to "Quick On" In this case, even when nothing is displayed on the screen , the unit is still constantly powered . As a result, battery life · If the battery is not fully charged and the setting is set to "Quick On," the rechargeable battery will drain the rechargeable battery may be depleted · In that case, please Recharge it.
Even if the battery is fully charged, It will only last It can only be used for about half the time	it may simply be the end of the battery's life.	Please replace it with a new rechargeable battery .
The main unit or charger get hot.	This is not a malfunction.	—

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Playing

Symptoms	cause	Cases
Normal playback is not working.	Repeat playback is selected.	Press and hold the P MODE/ button for at least 2 seconds to clear the display, then start playback (page 27).
	You changed the playback mode.	If you have switched from the main playback mode (page 24) or sub playback mode (page 26) to normal playback before starting playback (page 24).
Playback does not start from the first Track on the disc.	You stopped playback in the middle of the disc during the last playback.	Pause playback, then press and hold the jog lever (ÿ"•ENT) on the remote control orthe ÿ" button on the unit for at least 2 seconds.
The sound cuts out during playback.	The unit is placed in a location subject to vibration.	Please use the unit in a location with minimal vibration .
There is a lot of noise.	It is placed near a TV or other object with a strong magnetic field.	Please place it away from TVs and other such objects. The
The sound is not loud.	AVLS is active.	Please disable the AVLS setting (page 29)
No sound is coming from the headphones.	The headphones with the remote control are not plugged in securely.	Plug them firmly into the i-jack. Make sure the headphone plug is securely connected to the remote control unit.
	The plug is dirty.	Wipe the plug connections on the headphones and remote control with a dry cloth or similar.
Pressing D or D skips to the previous group or the next group (or several previous tracks or several subsequent tracks).	Group skip is active.	If you wait for more than 5 seconds without performing any operation, group skip will be automatically canceled.
The sound cuts out when fast-forwarding or rewinding while playing an edited track.	This is a system limitation. When fast-forwarding or rewinding while playing back an edited track, the sound ma go out.	fast-forwarding or rewinding during playback causes the audio to be played back at a higher speed than normal, which may result in audio dropouts.

While using the group function

Symptoms	cause	Solution
Group function is not working.	A disk that is not part of a group is inserted.	Please insert a disk that has been assigned to a group.

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Other

Symptoms	Causes	Solution
"Simple/Advanced" is displayed in the window. Some menu items are not displayed.	You attempted to operate the menu for the first time after purchase (by pressing the DISPLAY button on the remote control for 2 seconds or longer). The menu mode is set to "Simple."	Set the menu mode (page 29). Set the menu mode to "Advanced" to display all menu items (page 29).
The unit does not respond to commands or does not operate correctly.	The rechargeable battery has not been charged. volume is low. No disc is inserted.	Please charge the battery. The Turn up the volume. Please insert a recorded disc.
	The hold function is active (the "HOLD" indicator appears when you press a button on the unit). The lid is not closed properly. There is condensation (water droplets inside the unit). The AC power adapter is not plugged in securely. The battery is low LOW BATT (" " flashes or nothing is displayed). A damaged disc or a disc containing incorrectly recorded or edited data is inserted. The internal system is malfunctioning. During use, the unit is receiving strong noise due to shock, excessive static electricity, or abnormal power supply voltage caused by a lightning strike.	. Set the HOLD switch in the opposite direction of the arrow to cancel the hold function (pages 13, 14, and 17). Close the lid until you hear a click. Remove the disc and leave it out for a few hours. Make sure the DC IN 3V jack is firmly plugged into the power outlet. Charge the unit (page 16). Reinsert the disc. If the error message still appears, replace it with another disc. Please try again using the following procedure. Step 1: Disconnect all power sources. Step 2: Leave it as is for about 30 seconds. Step 3: Connect the power supply.
The LCD display looks different from normal.	The power cord has been unplugged.	Leave it alone for a while. Alternatively, turn on the power and press any operation button.

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List of Messages

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

Display	Meaning	Solution
AVLS	The AVLS setting is set to "AVLS On," so the volume cannot be increased any further (page 29)	Please set the AVLS setting to "AVLS Off."
BLANKDISC	A blank disc is inserted Yes.	
BUSY	Reading disk information.	Please wait a moment. In rare cases, minute.
Can't PLAY	There is no playable music data. The music data or management file is corrupted.	Please replace the disc.
CannotCHG	You attempted to charge at a temperature other than the spec one at a temperature other than the specified one.	Charge within the specified temperature range (+5°C to +35°C). °C). Use the specified AC power adapter.
HI DC IN	The power supply voltage is too high (the specified AC power adapter is not being used).	—
End	The disc reached the end while playing or while the jog lever was moved to the > side (or while > was pressed on the unit).	
ERROR	The internal system is malfunctioning.	Follow steps 1 through 3 in the table on page 40 .
ERROR XX	The internal system is malfunctioning. .	Please follow steps 1 through 3 in the table on page 40. If the error message still appears, please contact our Customer Support Center.
FormatERR	A disc in a format not supported by this unit has been inserted.	Please insert an MD or Hi-MD formatted disc.
HOLD	The hold function is active.	Slide the HOLD switch on the unit in the direction opposite to the arrow to cancel the hold function (pages 13, 14, 17).
LOW BATT	The battery is low.	Please recharge the battery (page 16)
NO MARK	You attempted to play a track on a disc without a bookmark You attempted to play a bookmark track on a disc	Please add a bookmark (page 25) before proceeding. Please use a disc that has a bookmark.
NO DISC	No disc is inserted.	Please insert a disc.

If you u hav e tro ubl e

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Display	Meaning	Solution
NoDiscMEM	Disk not registered I tried to delete disk memory on a disk .	—
NO NAME	It includes songs with the artist's name I set the main playback mode to set the main playback mode to “Artist Playback.”	—
NoOPERATE	While configuring the program settings with the remote control, I tried to skip a group.	—
NO TITLE	There are no songs with album names , so I switched the main playback mode to .	—
NO TRACK	Played a disc with no recordings .	Please insert a record disc. .
READ ERR	The disc information could not be read correctly .	Please reinsert the disc.
SLOW CHG	You are attempting to charge the battery outside the specified temperature range .	I tried charging at a temperature outside the specified range (+5°C to +35°C). °C).
TOC ERR	Unable to read disk information correctly .	Please replace it with another disc .

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Warranty and After-Sales Service

Warranty

- A warranty card is included with this product; please obtain it from the store where you made your purchase.
- Please fill in the required information, verify the details, and keep it in a safe place.
- The warranty period is one year from the date of purchase.

After-Sales Service

• If the product is not working properly, check the following first

Please review this manual again to troubleshoot the problem.

• If the system persists

please consult the store where you purchased the product or your nearest Sony service center listed in the enclosed “Sony Service Center Guide.”

- Repairs during the warranty period

repairs will be performed in accordance with the terms of the warranty. Please refer to the warranty card for details.

- For repairs after the warranty period has expired

If the product's functionality can be restored through repair, we will perform the repair for a fee upon your request.

- Regarding Parts Availability

We retain functional replacement parts (parts necessary to maintain the product's functionality) for portable MiniDisc players for 8 years after production has ceased. This parts retention period constitutes the repair availability period. Even after this period has expired, repairs may still be possible depending on the nature of the malfunction, so please consult the store where you purchased the product or our service center.

If you u hav e tro ubl e

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Useful Water

Here, we provide useful information for using your portable MD player,

in a simple Q&A format.

Q1: What is Hi-MD?

A1: Hi-MD is a new MiniDisc format.

It uses a different recording method than conventional MiniDiscs, allowing for longer recording times. Additionally, when used as an external device for a computer, you can now store data other than music (such as text or image data) on MiniDiscs.

(*) This unit is for playback only. You cannot record or save data to discs using this unit.

Q2: What is ATRAC3plus?

A2: ATRAC3plus is an audio compression technology that further advances ATRAC3.

Besides the compression ratio of the previous ATRAC3 (LP2/LP4 stereo modes on this unit) was 1/10 that of a CD, ATRAC3plus (Hi-SP/Hi-LP stereo modes on this unit) achieves a high compression ratio of 1/20 compared to a CD, while maintaining 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: It is an audio recording format that does not use digital compression. When recording in this format, you can enjoy sound quality equivalent to that of a CD.

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

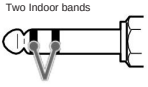
A5: It employs the ATRAC DSP TYPE-S found in Sony's high-end MD decks. You can enjoy high-quality sound not only in MDLP mode but also when playing back ATRAC3 in Hi-MD mode.Furthermore, since this DSP inherits the processing power of the ATRAC DSP TYPE-R, it also excels at playing back tracks recorded in SP stereo on TYPE-S or TYPE-R compatible devices.

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

A6:

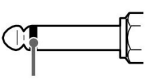
Stereo charge:

Two Indoor bands



Insulation band

Mono plug: One insulating band



Insulation band

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