

Portable MiniDisc Recorder

User Manual

How to Use

Page 11

Troubleshooting

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Thank you for your purchase.



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

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



NetMD



MDLP

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MZ-NE810

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For Your Safety

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



Follow safety precautions

Please read the precautions on pages 5–10 carefully. They contain general precautions for the product.

Inspect regularly

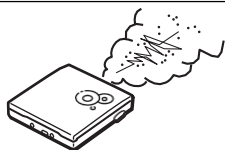
At least once a year, check the **AC** power adapter plug and the outlet to ensure that no dust has accumulated and that the device is not being used while faulty.

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 unusual noises, smell strange odors, or see smoke



- ① Turn off the power
- @ Unplug the **AC** power adapter from the **outlet**
Unplug the dedicated USB cable from the computer
- ③ 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 instruction manual and on the product. Please make sure you fully understand the meaning of these symbols before reading the main text.



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.



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

Symbols Indicating Caution



火災



感電

Symbols indicating prohibited actions



禁止



接触禁止



ぬれ手禁止



分解禁止

Symbols indicating required actions

actions



強制

Before Use

This user's guide explains how to use the portable MD recorder itself. Separate manuals are available for basic operations when connecting to a computer and for detailed software operations. Please refer to the list below and use the appropriate manual.

When Using the Unit

■ User's Guide (this manual)

This manual covers general operation of the unit.

, please refer to this manual for details.

If you encounter any problems

■ please refer to the "Troubleshooting" section (starting on page 42) of this user manual.



When connecting the unit to a computer

Use the "Net MD Simple Burner Ver. 1.2" software

■ Net MD Simple Burner Ver. 1.2 User's Guide

Net MD Simple Burner

How to Install the Software

and operation.



Using the "SonicStage Ver. 1.5" Software

■ Let's try using Net MD on your computer!

SonicStage Ver. 1.5 Quick Guide: This manual explains how to install the SonicStage software and its basic operations.

■ SonicStage Ver. 1.5 Help

This is an electronic manual viewable on screen.

Please refer to this section for detailed instructions on operating the SonicStage software or if you encounter any problems while using it.



■ Personal Audio Customer Support

This is our website. Here, you can view

software.

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

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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 precise 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

If water or foreign objects enter the device, it 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, disconnect the dedicated **USB** cable from your computer, and contact the store where you purchased the product or a Sony service center.



Do not use models intended for domestic use only overseas

AC adapters other than "World Models" are intended for use in Japan only. Use them with a 100V AC power source. Using them overseas or in other regions with different power voltages may result in fire or electric shock.



Do not touch the power plug when thunder is rumbling

This could result in electric shock.



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

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



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

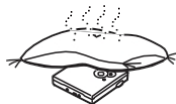
This may result in electric shock.



ぬれ手禁止

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

Heat buildup can cause the case to warp or even lead to a fire.



禁止

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

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



禁止

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.



禁止

Do not carry or store the device with metal objects

Carrying or storing the device with metal objects such as coins or key chains may cause a short circuit and generate heat.



禁止



Failure to follow the precautions **below** may result in **injury** or

Do not listen at high volume for extended periods

Listening at high volumes that are harsh on your ears for extended periods may adversely affect your hearing. Please be especially careful when listening with headphones. Keep the volume low enough that you can still respond if someone calls out to you.



禁止

Do not turn the volume up too high from the start

A sudden loud sound may damage your ears. Increase the volume gradually. Please be especially careful when listening through headphones to digital devices with low noise levels, such as MDsCDs, and DATs.



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

Safety Precautions Regarding

To avoid serious injury or blindness caused by leakage, rupture, overheating, fire, or accidental ingestion, be sure to follow the precautions below.

Batteries

Please check the label on the battery itself to determine the battery type. Some precautions may not apply depending on the type.

Rechargeable Batteries

Nickel-Metal Hydride

(Ni-MH)

Dry Cell Batteries

Alkaline



If a rechargeable battery or dry cell battery leaks,

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

Since fluid may remain inside the battery, please contact the Customer Support Center or a Sony service center.

If liquid gets into your eyes, do not rub them, as this can cause blindness. Rinse them thoroughly with clean water, such as tap water, and seek medical attention immediately.

If the liquid comes into contact with your body or clothing, it may cause burns or other injuries; rinse it off immediately with clean water, and consult a doctor if you experience any symptoms of skin irritation or injury.



About Rechargeable Batteries

- Insert the + and – terminals correctly according to the device's markings.
- Do not charge the device 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 place the batteries in the case when carrying or storing them.
- Do not place the battery in fire. Do not disassemble or heat the battery.
- 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 outer vinyl 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 the device will not be used for an extended period or when using AC power.
- Do not mix different types of batteries.



About Dry Cell Batteries

- 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 – markings 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 the device will not be used for an extended period 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 corresponding terminals on the device, come into contact with metal, a short circuit may occur, causing the device to overheat.



About Dry Cell Batteries

- Do not use, store, or leave batteries 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 batteries other than the specified type.

Request

Used rechargeable batteries are a valuable resource. Please cover the terminals (metal parts) with tape or take similar precautions before bringing them to a participating rechargeable battery recycling store.

Voluntary Regulation on Radio Interference

This device is a Class B information technology device based on the standards of the Voluntary Control Council for Interference by Information Technology Equipment (**VCCI**). Although this device is intended for use in a residential environment, using it in close proximity to radio or television receivers may cause reception interference.

Please use this device correctly in accordance with the instruction manual.

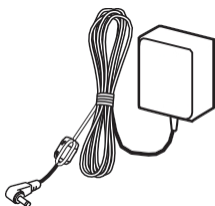
- Please note that we cannot be held responsible for any loss of data if recording fails or if music data is corrupted or deleted due to a malfunction of this product or your computer.
- For recordings that cannot be re-recorded, be sure to perform a test recording beforehand.
- Under copyright law, you may not use your recordings for any purpose other than personal enjoyment without the rights holder's permission. Please note that the price of this product includes a private recording compensation fee as stipulated by copyright law.

(Inquiries: Private Recording Compensation Management Association, **Tel. 03-5353-0336**)

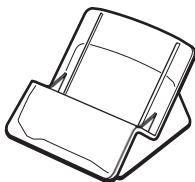
SonicStage, **OpenMG**, **Net MD**, and their respective logos are trademarks of Sony Corporation.

Check the included accessories

- AC Power Adapter



- Charging Stand



- Headphones with remote control
(Supports kanji and kana display)



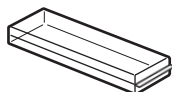
- Dedicated USB cable



- Rechargeable Nickel-Metal Hydride Battery NH-14WM



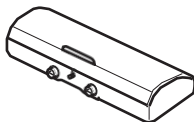
- Rechargeable battery case



- Carrying pouch



- Alkaline Battery Case

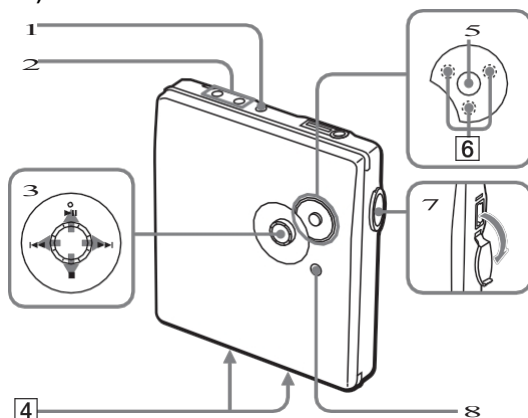


- MZ-NE810 Owner's Manual (this manual)
- CD-ROM (SonicStage Ver. 1.5, Net MD Simple Burner Ver. 1.2)*
- Let's Try Using Net MD on Your Computer! SonicStage Ver. 1.5 Quick Guide
- Net MD Simple Burner Ver. 1.2 Instruction Manual
- Warranty Card
- Sony Customer Support Information
- Request for Customer Registration

* Do not play the CD-ROM on a music CD player.

Names of Parts

Main Unit (Front)



1 **GROUP** Button
Volume

2- **VOL** (Volume) +1, - buttons

3 Control Key

▶||¹ : Play / Pause

□: Stop

⏮: Rewind, Skip to Start

⏭: Fast-forward, Go to Start

4 **Download** Terminals for each type

5 **DOWNLOAD** button²

Included **Net MD Simple Burner** Soft

This software is used when recording music from a music CD inserted into your computer's CD-

ROM drive onto the unit's MD^{Download} **DOWNLOAD LED**

6 Indicates the connection status between the unit and the computer, as well as the status when recording tracks using the **DOWNLOAD** button (5).

7 **USB** Cable Connection Jack

8 **Three-Color Status LEDs**

This section provides information on the status during playback and charging, as well as battery consumption. Please refer to the appropriate page depending on the situation.

Charging C Page 16

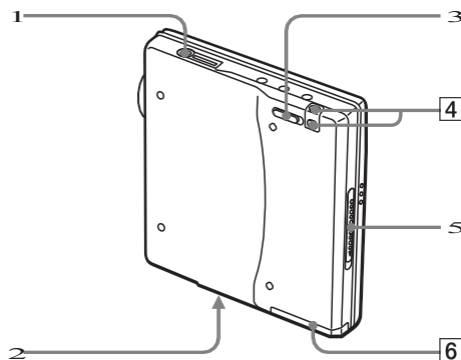
Playback C Page 23

Checking the Remaining Battery Level C Page 37

¹ There is a raised dot (protrusion). This serves as a guide for operation and

2 For instructions on how to use this software, please refer to the separate "Net MD Simple Burner Ver. 1.2 Instruction Manual" for details.

Unit (Rear)



1 iJack

2  Terminal

3 **HOLD** Switch

If you slide it in the direction of the arrow, you will not be able to operate the device. This prevents accidental operation caused by buttons being pressed when carrying the device in a bag or similar.

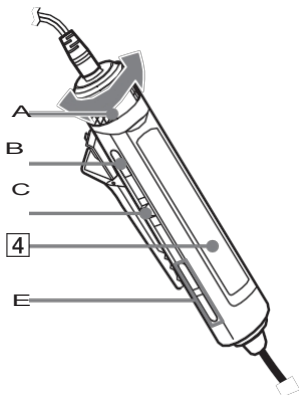
4 Strap Attachment Point

You can attach your own strap here.

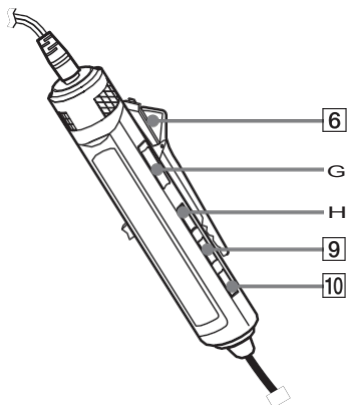
 **OPEN** Knob

6 Rechargeable Battery Compartment

Remote Control

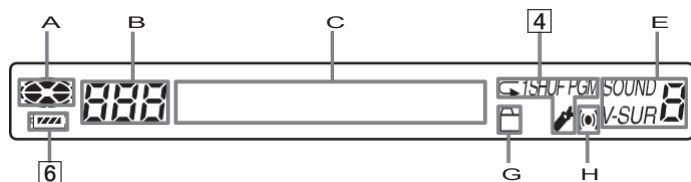


- 1** Rotary knob **VOL** (Volume) +, -
- 2** □ (Stop) button
- 3** Jog lever
Enter
- ▶ " **ENT** : Pause/Confirm **D**: Rewind, Go to Start **D**: Fast-forward, Go to Start
- 4** Display window
- 5** (Group) +, - buttons



- 6** Clip
- 7** **HOLD** Switch
Hold
Slide the switch in the direction of the arrow to display the yellow mark; this will disable remote control operation. This prevents accidental operation caused by buttons being pressed when carrying the remote in a bag or similar.
- 8** **DISPLAY**
Play Mode
- 9** **P.MODE** Button
Display
- 10** **SOUND** Button
Sound Buttons

Display Window (Remote Control)



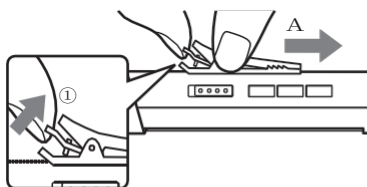
- 1 Disc Display
- 2 Track Number Display
- 3 Text Information Display
- 4 Playback Mode Display
- 5 Sound Indicator

- 6 Battery Level Display
- 7 Group Display
- 8 Melody Timer Display

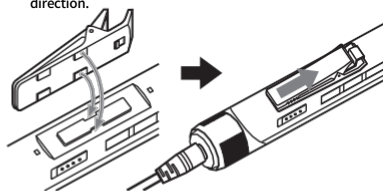
How to Use the Remote Control Clip

Depending on where you attach the clip, the text displayed in the window may appear upside down, making it difficult to read. In that case, please attach the remote control clip in the opposite direction, as shown below.

1. Remove the clip.



2. Attach it in the opposite direction.

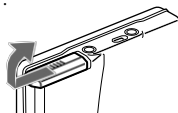


When you first purchase the unit, please charge the rechargeable battery. However, if you connect the AC power adapter, you can use the unit without charging it.

1 Insert the rechargeable battery

① Slide the battery compartment

cover in the direction of the arrow

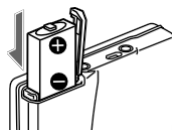


② Insert the rechargeable

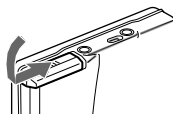
battery.

Ⓢ Make sure the side with the arrow is facing inward.

NH-14WM



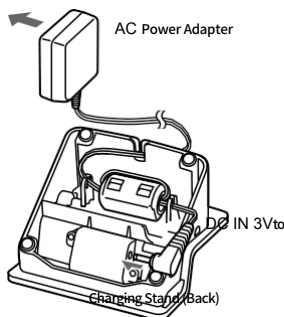
③ Close the cover.



2 charging

① Connect the charging stand to the AC power adapter and plug it into an AC outlet.

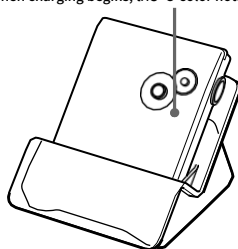
Plug into a 100V AC outlet



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

② Place the unit on the charging stand.

When charging begins, the "3-color notification LED" will light up.

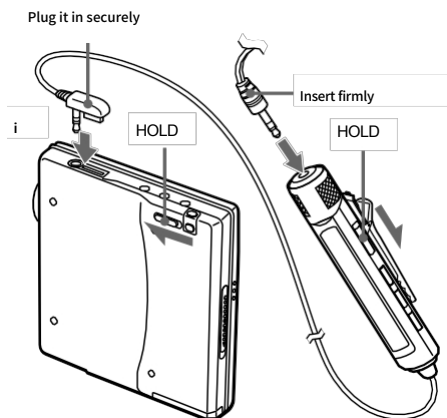


The "3-color notification LED" indicates the charging status

Red → Orange → (after approximately 3.5 hours)
The device is ready for use once the LED turns off. Continue charging for about 2 more hours to reach 100% charge.

Once charging is complete, remove the unit from the charging stand.

3 Connect the remote control and release the hold



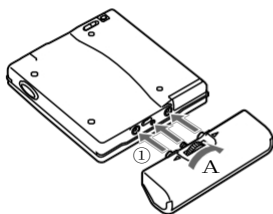
Basic
Usage
Guide

How
to
Use

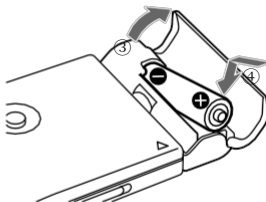
When using with an alkaline battery

Attach the battery compartment to the main unit

Back of the unit



Be sure to insert the battery from the "X" side, as shown in the illustration



Insert one Sony alkaline battery (AA size), sold separately. Using it with rechargeable batteries allows for extended playback time.

Caution

- Charging will stop if you perform operations such as playback while the device is charging.
- Even if you place the rechargeable battery on the charging stand, the "3-color indicator LED" may not light up immediately, but it will light up after a short while, and charging will begin.
- Please charge the device in a location where the temperature is between **approximately** 5°C and +40°C.

Battery Life During Playback *

Battery Type	LP2		LP4	
	Stereo		Stereo	
Nickel-metal hydride rechargeable batteries	Approx. 28 hours	Approx. 36 hours	Approx. 40 hours	
Alkaline	Approx. 46 hours	Approx. 56 hours	Approx. 63 hours	
Dry cell batteries				
Nickel-metal hydride rechargeable battery + alkaline	Approx. 74 hours	Approx. 92 hours	Approx. 106 hours	
Rechargeable batteries				

* Values with the power-saving function **turned on**. See page 33 for details.

Recording a **CD** from a CD

Connect the computer to the main unit using a USB cable, and insert the CDs inserted into your computer's CD-ROM drive. To record, use the included Net MD Simple Burner software

to record CDs.

This section explains how to record using the DOWNLOAD button on the main unit. Installation

For installation and other recording methods, please refer to the separate booklet "Net MD Simple Burner Ver. 1.2

User

Manual."

1 Installing the Net MD Simple Burner Software

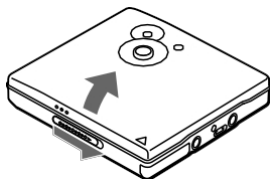
When using the software for the first time, install it using the included CD-ROM.

For details, please refer to the separate booklet, "Net MD Simple Burner Ver. 1.2 User's Manual."

2. Insert a MiniDisc for recording into the unit

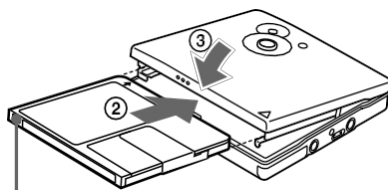
- ① Slide the OPEN knob.

The lid will open.



- ② Insert a MiniDisc for recording.

- ③ Close the lid.



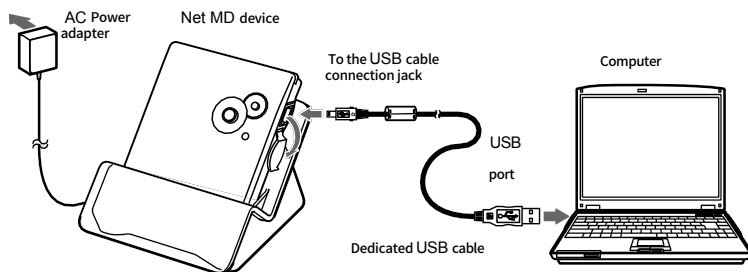
Make sure the erase-protect switch is closed.

With the label side of the disc facing up, push it all the way in following the direction of the arrow.

- ④ Insert the charged battery.

3 Connect the power supply and the dedicated USB cable to the unit and the computer

Plug into an outlet

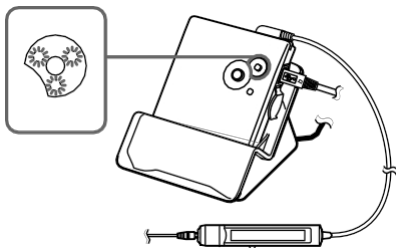


Once the connections are complete, turn on the computer.

4 Insert a music CD into the computer's CD-ROM drive

5 Check that the connections are correct

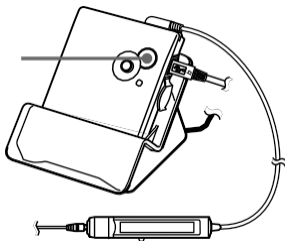
All three **DOWNLOAD** LEDs will light up.



6 The **DOWNLOAD** LED will start flashing, and recording will begin. Press the **DOWNLOAD** button for about 2

seconds. If you are adding tracks to the already recorded disc, the unit will start recording the new tracks at the end of the existing recording.

DOWNLOAD button
seconds



To stop recording midway

Click "▶ 中断" on the computer screen.

If you are recording the first track, you can also press the □ button to stop.

To remove the MiniDisc

Press the □ button, and wait until the "TOC Edit" display on the remote control disappears before removing the MiniDisc.

Caution

Do not disconnect the **dedicated USB** cable or AC power adapter, or remove the unit from the charging stand while the **DOWNLOAD** LED is flashing. Doing so may cause a malfunction or failure.

Please also refer to the separate "Net MD Simple Burner Ver. 1.2 Instruction Manual."

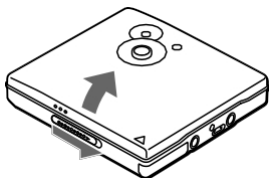
Note

Basic
Usage

1 Insert a MiniDisc

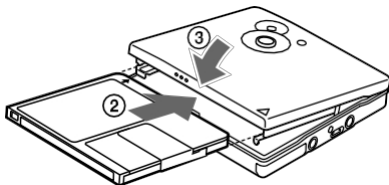
- ① Slide the OPEN knob.

The lid opens.



- ② Insert a recorded MiniDisc.

- ③ Close the lid.



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

2 Play

- ① Press the jog lever (▶||) (On the main unit, press ▶||)

You will hear a "beep" confirmation sound. The "3-Color Notification LED" lights up.

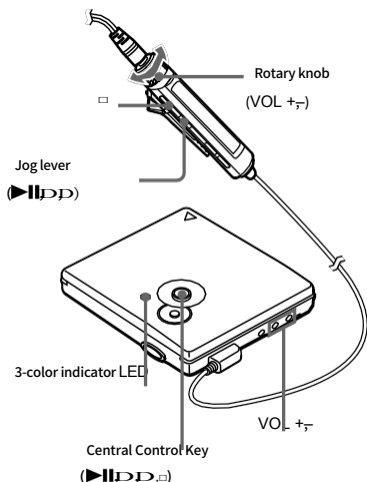
- ② Turn the rotary knob toward the VOL + or - side to adjust the volume. (On the main unit, press VOL + or - on the main unit.)

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

- To stop playback, press ■ (On the main unit, press ■)

You will hear a "beep" confirmation sound.

The next time you play the disc, playback will resume from where you left off. If you want to start playback from the first track on the disc, press and hold Jog lever (▶||) for at least 2 seconds (on the main unit, press and hold ▶||) to start playback.



In this case	Remote Control Operation	Controls on the unit
Pause	Press the jog lever  . Press it again to cancel.	 Press . Press it again to cancel.
Skip to the beginning of the current track or the previous track	Slide the jog lever toward D. Or slide it toward D by the number of tracks you want to go back.	Unit Press D. Or, to go back further, .
Skip to the beginning of the next track	Slide the jog lever toward D	Press D .
Rewind or fast-forward while playing	Keep the jog lever shifted to D or toward D .	D or hold D down. While paused, press D or D
Listen while monitoring the elapsed time	While paused,	
to find the desired location	Move the jog lever toward D or D and hold it there.	
(Time Search)		
Find the part you want to listen to while viewing the track numbers	While the player is stopped, slide the jog lever to D or hold it in the D position.	While the player is stopped, press and hold D or the D side .
(Index Search)		
Skip to the beginning of every 10th track (Only when playing a disc that is not grouped ¹⁾)	 Press + or -.	Press GROUP , then press and hold D or D .
Eject the disc	Press  , then slide the OPEN tab to slide the OPEN tab on the unit and open the cover ²⁾	Press  , then slide the OPEN knob to open the lid ²⁾ .

¹⁾ For details, see "Using the Group Function" (page 30).

²⁾ When you open the lid, the next playback will start from the beginning of the disc (unless it is registered in Personal Disc Memory (see page 36)).

If playback does not start

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

Caution

Sound may skip in the following situations.

- If the disc is subjected to repeated strong impacts
- When playing a scratched or dirty disc

About the "3-color notification LED"

The LED color changes as follows.

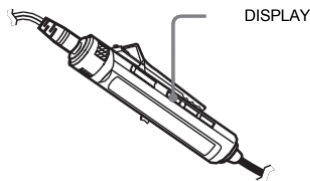
LED Color	Operation
Red	No group settings* When playing a disc
Green	Devices that are set as a group* When playing a disc
Orange	When the group* is at the beginning (group)
	Skip)

* For details, see "Using the Group Function" (page 30).

Viewing Information in the Display

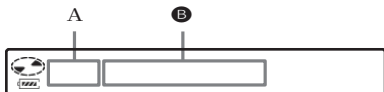
Window

You can check information such as song titles and disc names in the display window. The display related to the group function appears when a song that has been grouped is playing.



1. Press the DISPLAY button repeatedly during playback.

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



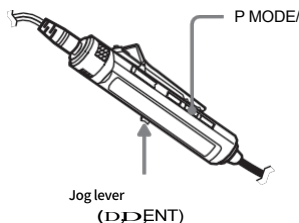
A	B
Track Number	Elapsed Time
Track Number	Song Title
Total Number of Tracks in Group Group	
Name Total Number of Tracks Disc Name	
Track No.	Group Name (Top) Song Title (Bottom)
Track Number	Sound Mode
Track Number	SP/LP Mode

Note

- Depending on the group playback/normal playback status, operating status, or settings, the display may not be selectable or may differ.
- The SP/LP mode is displayed only during playback and automatically returns to the elapsed time display after a short while

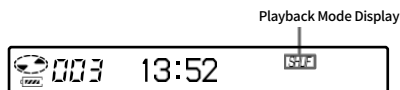
Selecting a Playback Mode

You can enjoy various listening options using the P MODE button on the remote control.



1 Press P MODE repeatedly.

Each time you press a button, the display changes as follows, and playback begins in the selected display mode.



Display *	Playback Status
—	Normal Playback (Plays all tracks on the disc once)
1	Play 1 Track (Play only the currently playing track)
	Bookmark Playback (Plays only the tracks (bookmarks)) in order)
SHUF	Shuffle Play (Plays all songs in random order)
PGM	Program Playback (Rearranges tracks in your preferred order and plays them)

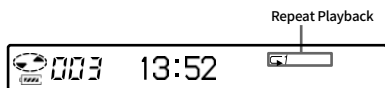
* For discs with group settings, Group Playback Mode () is also displayed. For details, see "Playing by Group" (page 30).

Repeat Playback

You can repeat normal playback, single-track playback, shuffle playback, program playback, and more.

- 1 While playing in your preferred playback mode, press **P MODE** for at least 2 seconds.

The indicator lights up.



To cancel

Press and hold **P MODE** for at least 2 seconds.



While repeat playback is active, pressing the **P MODE** button allows you to change the playback mode while keeping repeat playback active.

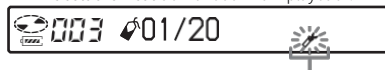
Selecting and listening to only your favorite songs

(Bookmark 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 song you want to bookmark, and press and hold the jog lever for at least 2 seconds. This sets the first track for bookmark playback.



The bookmark indicator will flash slowly

- 2 Repeat step 1 to add

You can add up to 20 tracks in total.

To play a bookmarked track

- 1 While playing, repeatedly press **P MODE** until "TrPLAY?" appears.
- 2 Press the jog lever.

Playback will start from the track with the lowest number

To delete a bookmark

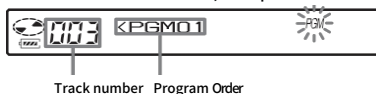
Play the track you want to remove the bookmark from, then press and hold the jog lever for at least 2 seconds. (na)

Please Note

Opening the lid will cancel the settings.

Rearrange songs in your preferred order to listen to them (Program Playback)

- 1 While playback is in progress, press **P MODE** repeatedly. Press the **P MODE** button repeatedly.
- 2 Move the jog lever to **D** or toward **D** to select a track number, then press it to confirm.



3. Repeat Step 2 to select songs in the order you prefer

You can program up to 20 songs in total.

- 4 When you're done selecting, press the jog lever for 2 seconds

to confirm your selection.

The settings will be confirmed, and playback will begin from the first track.



The program settings remain even after playback has finished or if you stop it midway.

Note

Opening the lid will reset the settings.

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

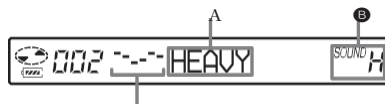
A	B
STUDIO	V-SUR S
LIVE	V-SUR L
CLUB	V-SUR C
ARENA	V-SUR A

4 Press the jog lever to confirm.

Change the sound quality

(6-band equalizer)

- 1 While playback is in progress, press **SOUND** repeatedly, select "SOUND."
- 2 Press and hold **SOUND** for at least 2 seconds.
- 3 Move the jog lever to **D** or toward **D** to select a sound type.



Levels for each frequency range: 100 Hz–10 kHz.

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

A	B
HEAVY	SOUND H
POPS	SOUND P
JAZZ	SOUND J
UNIQUE	SOUND U
CUSTOM	SOUND 1

CUSTOM SOUND 2

4 Press the jog lever to confirm.

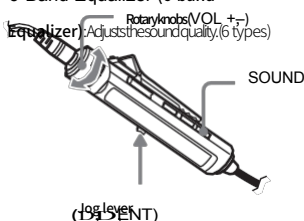
Adjusting the Sound to Your Liking

(Virtual Surround, 6-band Equalizer)

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

Choose one of the following two effects.

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



Change the Sense of Immersion

(Virtual Surround)

1. While playback is in progress, press the **SOUND** button repeatedly, and select "V-SUR."
- 2 Press and hold the **SOUND** button for at least 2 seconds.
- 3 Move the jog lever to **D** or toward **D** to select the surround mode.



To cancel the setup midway,

Press **DISPLAY** or $\square$ for at least 2 seconds.

To cancel the settings

Follow step 1 above and select the state where nothing is displayed on the "0."

Set the sound quality to your preference

You can save your preferred sound quality to "CUSTOM."

1 Follow steps 1–3 above, and in the "0," "SOUND 1" or "SOUND 2" to appear on the xml-ph-0000@deepl.internal.

2 Press the jog lever to confirm.

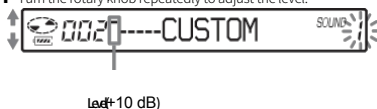
3 Move the jog lever to D or toward D to select a frequency.



The frequencies, from left to right, are 100 Hz, 250 Hz, 630 Hz,

1.6 kHz, 4 kHz and 10 kHz can be set.

4 Turn the rotary knob repeatedly to adjust the level.



You can choose from the following 7 level settings:

–10 dB, –6 dB, –3 dB, 0 dB, +3 dB,

+6 dB, +10 dB

5 Repeat steps 3 and 4.

6 Press the jog lever to confirm.

If you want to stop the setup midway,

press **DISPLAY** or $\square$ for at least 2 seconds.

To return to the previous setting,

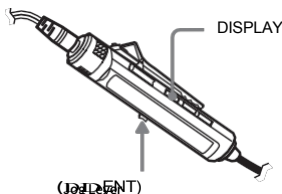
Press $\square$.

Change playback speed

(Digital Pitch Control)

This is useful when you want to adjust the playback speed for language learning or similar purposes. Only the playback speed changes; the pitch remains the same.

Playback speed is available in 13 levels ranging from +100% to –50% speeds.



1. While playback is in progress, press **DISPLAY** for at least 2 seconds.

2 Move the jog lever or side

Scroll to display "USEFUL," then press to confirm.

3 Move the jog lever to D or toward D to display "DPC," then press to confirm.

This will take you to the playback speed settings screen. Please make your selection while listening to the audio.



4 Move the jog lever to D or toward D to select a speed, then press to confirm.

"DPC" will appear in the display window.

To cancel the setting midway,

press **DISPLAY** or $\square$ for at least 2 seconds.

To return to the previous setting,

press $\square$.

Inserting or removing a disc will reset the setting to 0%.

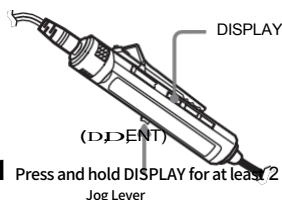
Caution

If you change the playback speed, you may hear a "popping" sound or an echo during playback.

Setting the Alarm

(MelodyTimer)

This is useful for preventing you from missing your stop on trains and other forms of public transportation. Choose one of the three available alarms. You can set the time until the alarm sounds between 1 and 99 minutes. The melody timer works even when the player is paused.



- 1 Press and hold DISPLAY for at least 2 seconds.
- 2 Move the jog lever to the **D** or **D** side to display "USEFUL," then press it to confirm.
- 3 Move the jog lever to **D** or toward **D** to display "Melody Timer," then press to confirm.

- 4 Move the jog lever to **D** or toward **D** to display "ON," then press to confirm.

The indicator will light up.



- 5 Move the jog lever to **D** or toward **D** to select an alarm sound, then press to confirm.

Display	Alarm sound
TIMER 1	Melody ("The Girl from Arles")
TIMER 2	Melody
	(Pachelbel's Canon)
TIMER 3	Melody (Für Elise)

- 6 Move the jog lever to **D** or toward **D** to select the time until the alarm sounds.



Each time you move the jog lever, the display will cycle from "TIME:01" to "TIME:99" (to 99 minutes), allowing you to set the time in 1-minute increments.

- 7 Press the jog lever to confirm.

The melody timer is set. While the timer is paused, the time remaining until the alarm sounds is displayed.

To cancel the setting midway,

press DISPLAY or $\square$ for 2 seconds or longer.

To return to the previous setting,

Press $\square$.

To check the time remaining until the alarm sounds

Stop playback.

After a moment, the time remaining until the alarm sounds will be displayed.

If playback is in progress or paused, 6 again to display it.

To cancel a reservation

Select "OFF" in Step 4.

To stop the alarm

Press any button.



If you finish the procedure in Step 4, the settings will be the same as last time, the melody timer will be set.

- The alarm will sound for 1 minute, after which the setting will be canceled. If the alarm finishes sounding while the device is paused, the power will turn off in about 10 seconds. If the alarm finishes sounding while playback is in progress, playback will continue as usual.

Note

The timer begins counting as soon as you select "ON" in Step 4. Additionally, the count restarts whenever you change the time until the sound plays in Step 6.

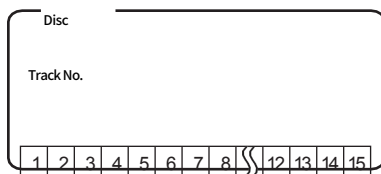
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What Is the Group Function?

You can use the "Group Function" with discs that have been set up in groups. This feature is useful when playing back discs recorded in (LP2/LP4) mode, this feature is useful when playing back a disc that contains the equivalent of several CDs recorded on a single disc, or when playing back a disc created by compiling tracks from multiple CDs.

What is a Grouped Disc? This refers to a single disc on which multiple recorded tracks are organized into several groups, as shown in the following figure.

Before Grouping



1-5 Set the track to "Group" 1

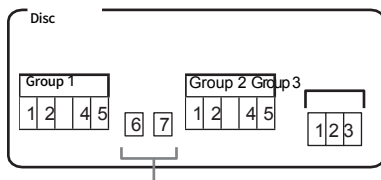
Tracks 8-12 to Group 2

Assign tracks 13-15 to Group 3

Tracks 6 & 7 are not included in the group

m

After Group Setup



Songs that are not in a group are considered to belong to "Group --".

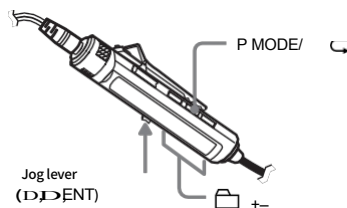
Note

You cannot configure group settings on this unit. Please use the included SonicStage aNet MD Simple Burner software to configure them. For details, refer to the respective manuals.

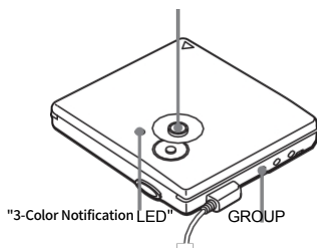
Group Playback

With discs that have been set up in groups, you can use the group function to perform various playback operations. When this unit plays a disc set up in groups, the "3-color notification LED" lights up green.

During group playback, tracks on the disc that are not assigned to a group are temporarily grouped together and treated as the last group. At this time, "Group --" will be displayed. Track numbers are displayed as the disc's sequential numbers, not as group-specific numbers.



Concentration Control Keys (Dp)



Group Playback

After playing each group in order starting with Group 1, the system will play the ungrouped track

("Group --") to finish.

1. During playback, repeatedly press P MODE/ until " " is displayed.

To skip to the beginning of a group (group skip)

Use the remote control

- While playback is in progress, press + or -. Pressing the - button moves to the first track in the group; pressing it again immediately moves to the first track in the previous group. While skipping to the beginning of a group, the "3-color notification LED" flashes orange.

Operating via the main unit

- While playback is in progress, press **GROUP**. The "3-color notification LED" will light up orange.
- Press **D** or **D**.

Selecting a playback mode by group (Group Mode Playback)

For discs configured in groups, you can perform shuffle playback or program playback by group.

1 Press P MODE/ repeatedly.

Following the normal playback mode, the next group

Loop playback mode will be displayed.

Display	Playback Status
	Group Normal Playback (Plays each group once, starting from the first group)
SHUF	In-Group Shuffle (Shuffle the songs within the currently playing group, then shuffle the songs in the next group in order)
PGM	Group Program (Changes the playback order on a group-by-group basis)
	)

Repeatedly play the selected group playback mode (Group Repeat)

- Playback in your preferred group playback mode, press and hold **P MODE**/ for at least 2 seconds.

The unit will cycle through

Display	Playback Status
Group	
	Skips to the next song in the currently playing group
	Repeat
SHUF	Skip to the next song in the currently playing group
	Shuffle Repeat
PGM	: Play songs from the programmed group
	Repeat a single track

Rearrange groups in your preferred order to listen (Group Program Playback)

Follow the same procedure as described in Rearranging Songs in Your Preferred Order (Program Playback) (page 25) to set the playback order of the groups. You can program up to 10 groups in total. The order of songs within a group cannot be changed.

Various Settings

With this unit, you can use the remote control menu to adjust various settings to suit your preferences.

Menu List

Menu 1 contains options available when you first enter the menu; Menu 2 contains options available after selecting **Menu 1**; and Menu 3 contains options available after selecting **Menu 2**. Items marked with a ● are the factory default settings.

Note

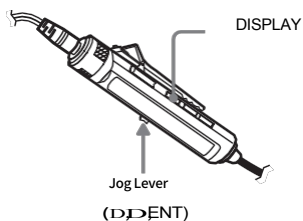
The items displayed may vary depending on the operating conditions and disc settings.

Menu

Menu 1	Menu 2	Menu 3	See also
USEFUL	PERSONAL	"Entry?" or "Erase?"	Page 36
	Melody Timer	OFF (●) y ON	Page 28
	DPC	—	Page 27
OPTION	AVLS	AVLS OFF (●) y AVLS ON	Page 34
	BEEP	BEEP OFF y BEEP ON (●)	Page 33
	BACK LIGHT	AUTO (●) y ON y OFF	Page 35
	Display Mode Selection	Alternate Kanji/Kana y Kanji Priority (●)	Page 35
	Power Mode	NORMAL (●) y QUICK y PowerSave	Pages 33–34

How to Navigate the Menu

Use the remote control to navigate the menu.



- 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 confirm your selection.
- 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 □ button.

tage

To cancel midway

Press the DISPLAY button or the □ button for at least 2 seconds.

Turn off the confirmation tone

You can set whether or not the unit and remote control emit confirmation beeps.

- 1 Menu > "OPTION" > "BEEP"

- 2 Select "BEEP OFF."

To revert the settings

Select "BEEP ON."

To conserve battery life

(Power-Saving Feature)

This feature maximizes battery life. It minimizes battery consumption by keeping the unit's "3-color notification LED" off at all times and turning off the remote control's display shortly after use.

- 1 Menu > "OPTION" >

Select "PowerMode."

- 2 Select "PowerSave."

The unit's "3-color notification LED" will turn off.

To turn on the "3-color notification LED,"

select "NORMAL."

Listen to audio quickly

(Quick Mode)

You can quickly preview the audio after pressing the play button or after skipping to the beginning of a track.

1. While the player is stopped or playing, select

Menu >

"OPTION" – "PowerMode."

2 Select "QUICK."



To revert the setting,

select "NORMAL."

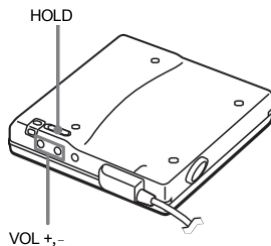
Note

- When set to "QUICK," the unit remains powered on internally even when the screen is blank. As a result, battery life is reduced, so we recommend charging it daily.
- If no operation is performed (including opening or closing the lid) for 17 hours, the device will automatically power down internally. The device will respond slowly the next time you operate it, but it will return to Quick Mode afterward.

Reduces sound leakage and provides ear-friendly sound (AVLS—Auto Volume Limiter System— Comfort Volume)

This feature reduces the risk of sound leakage caused by excessively high volume, pressure on the ears, and the inability to hear ambient sounds, allowing you to listen at a more comfortable volume.

You can also adjust this setting on the unit itself.



1 Menu > "OPTION" > "AVLS"

.

2 Select "AVLS ON."

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

To set this on the unit

During playback, slide the **HOLD** switch toward the **-** direction, then press the **VOL -** button while sliding the **HOLD** switch in the opposite direction of the **-** direction.

To cancel the setting

Select "AVLS OFF."

On the unit, during playback, slide the **HOLD** switch toward the **-** direction, then, while holding down the **VOL +** button, slide the **HOLD** switch in the opposite direction of the **-**.

Turn the display window backlight on/off

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

1. While the unit is off, select the "OPTION" menu—

"BACK LIGHT."

2 Select your preferred setting.

Display	Setting
AUTO	Stays on while in use. Turns off after a few seconds of inactivity.
ON	Remains lit while in operation.
OFF	Always off.

View the kanji title entered on a computer or other device

If you enter text in kanji or hiragana using the included SonicStage or Net MD Simple Burner software, you can display it on this unit's remote control. There are two display modes.

- **Kanji Priority:** The default setting. Normally, leave it set to this.
- **Kanji-Kana Alternate:** When entering text on a computer, select this option if you have entered different information in the full-width area and half-width area (e.g., song title in the full-width area and artist name in the half-width area).

Both pieces of information will be displayed.

For details, see the "SonicStage Ver. 1.5 Quick Guide."

To set to "Kanji-Kana Alternate":

1 Menu > "OPTION" > "Display Mode"

" from the menu.

2 Select "Kanji-Kana Alternate."

Note

On this unit, even if you set the character input to full-width in your PC software, alphanumeric characters and spaces will all be displayed in half-width.

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Save settings for each disk (Personal Disk Memory)

Register the disc's settings information in the unit. When you reinsert a disc that has been registered, the settings information is automatically recalled. You can register the following settings information.

- Volume
- Playback mode
- Group mode
- Program Playback
- Sound quality (Virtual Surround / 6-band equalizer)
- Playback Speed (Digital Pitch Control)
- Bookmarks

1 Menu > "USEFUL" >

Select "PERSONAL"

"Entry?" will flash.



2 Press the jog lever to confirm.

"Entry OK" will appear, and the current disc settings will be saved.

To delete a registration

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

2 At the prompt, select "Erase?".

"Erase OK" will appear, and the disc's settings will be removed from the registry.

Note

If you perform this operation on a disk that is not registered, "No Entry!" will be displayed.

Z

If you reinsert a disk that was previously registered in Personal Disk Memory, "PERSONAL" will be displayed.

Please Note

- You can register up to 20 discs; however, if you exceed 20, the oldest discs will be automatically deleted.
- If you edit (excluding name changes) or record on a registered disc, it will be recognized as a different disc, and the registered information will be invalidated. In that case, please re-register the disc.

In addition to household power outlets, the following power sources can be used with this unit:

- Rechargeable nickel-metal hydride battery **NH-14WM**
(Insert into the unit)
- AA alkaline batteries (using the included battery case)

We recommend connecting the unit to a household power outlet when recording from a computer or using it for extended periods. When using batteries, please use fully charged rechargeable batteries or new alkaline batteries to prevent failures due to low battery power.

Battery Life¹

Battery life may be shorter depending on the ambient temperature, usage conditions, and battery type.

Playback (JEITA²)

Battery in use	Stereo LP2	LP4
	Stereo Stereo	
Rechargeable nickel-metal hydride battery ³⁾	Approx. 28 hours	Approx. 36 hours
Alkaline batteries ⁴⁾	Approx. 40 hours	
Rechargeable nickel-metal hydride battery + alkaline batteries	Approx. 46 hours	Approx. 56 hours
	Approx. 63 hours	Approx. 74 hours
	Approx. 92 hours	Approx. 106 hours

¹ These values are for when the power-saving function is ON.

² Measurements based on JEITA (Japan Electronics and Information Technology Industries Association) standards.

³⁾ Rechargeable nickel-metal hydride battery **NH-14WM(A)**, when fully charged.

⁴⁾ Measured using Sony Stamina LR6(SG) alkaline batteries made in Japan.

Guidelines for Replacing Batteries

During use, the remote control's display window will show the remaining battery level, or the unit's "3-color notification LED" will indicate when the battery is low.

Battery icon in the remote control display window



The battery level is low.



The battery is running low.



The battery is completely drained. The

"LOW BATT" indicator on the remote control flashes, and the power will turn off.

The "3-color notification LED" on the main unit

ts

LED is on The battery level is sufficient.



Function

LED flashing slowly The battery is running low



LED flashing rapidly The battery is completely drained. After a short while, the LED will turn off and the power will shut off.

The battery level indicator does not reflect the actual remaining charge, but rather...

is displayed as a rough guide. Operation

may vary depending on operating conditions and the environment

Yes.

Note

When replacing the batteries, be sure to turn off the main unit first.

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Precautions for Use

Do not disassemble

The laser used in the MiniDisc recorder 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 at all times except when inserting or removing discs.

About the AC Power Adapter

- 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 within easy reach, 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 inside 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 items containing water, such as vases, on top of the unit.

Disposal of Rechargeable Batteries in Japan



Nickel-metal hydride batteries are recyclable. When disposing of used nickel-metal hydride batteries, cover the metal parts with insulating tape (such as cellophane tape) and take them to a participating recycling store.

Ni-MH

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

Handling Instructions

- Do not drop the device or subject it to strong impacts, as this may cause malfunction.
- Do not pull hard on the remote control or headphone cords.
- Do not place the product 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 magnetic objects such as magnets, speakers, or televisions.
 - Dusty areas.
- Places with high temperatures (40°C or higher) or low temperatures (below 0°C), the LCD display may become difficult to read or the update rate may slow down. The display will return to normal once the device is brought back 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.
- Do not remove the disc or disconnect the power while reading or writing. This may prevent proper recording or result in the loss of recorded music data.
- If used in an environment affected by static electricity or electrical noise, recording may not be performed properly, or recorded music data may be lost.

Regarding Temperature Rise

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

Operating Noise

This device is designed to operate in a power-saving mode. Therefore, intermittent operating noises may be heard during operation; this is not a malfunction.

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 rechargeable battery using the included charging stand.
- Be sure to use the **included** AC power adapter for charging.
- Charge the device in a location where the temperature is between approximately 5°C and +40°C.
- The charging stand and the unit may become hot during charging, but this poses no danger.
- When you first purchase the unit or after a long period of non-use, the rechargeable battery's runtime may be short. This is due to the battery's characteristics; 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 will not be using the unit for an extended period, unplug the AC power adapter from the outlet and remove the unit from the charging stand.

Handling MiniDiscs

- The MiniDisc itself is housed in a cartridge, allowing for easy handling without worrying about dust or fingerprints. However, a dirty or warped cartridge can cause malfunctions. To ensure you can enjoy beautiful sound for years to come, please observe the following precautions.

— Do not touch the MiniDisc directly

Do not open the shutter with your hands. Forcing it open may cause damage.



Shutter Cartridge

— Place the MiniDisc in its case when transporting or storing it

— Storage Location

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 onto the disc, such as on a sandy beach.

— Clean it regularly

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 one. Be sure to align it with the label recess and attach it securely.

About the Headphones

- If you feel that the included headphones are causing skin irritation while using them, stop using them immediately and consult a doctor or our Customer Service Center.
- If you turn the volume up too high on the included headphones, sound will leak out. Be careful not to turn the volume up too high and disturb those around you. It's 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 speaks to you.

About the Remote Control

The included remote control is designed exclusively for this unit. You cannot operate this unit with remote controls included with other models or devices.

About the Battery Compartment

The included battery compartment is designed exclusively for this unit.

Care Instructions

If the surface becomes dirty

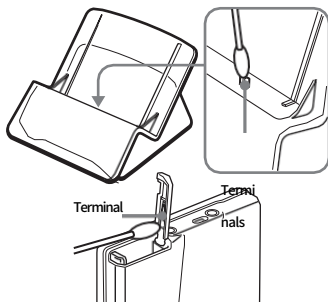
Gently wipe the surface with a soft cloth slightly dampened with water, then wipe it dry. Do not use thinner, benzene, alcohol, or similar substances, as they will damage the surface.

Caring for the Headphone and Remote Control Plugs

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

Caring for the Connectors

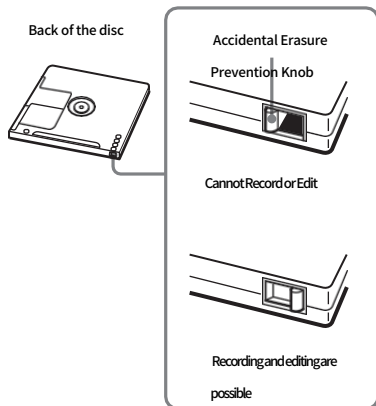
Clean each terminal periodically with a cotton swab or soft cloth.



About the Accidental Erasure Prevention

Knob

To prevent accidental deletion of recordings, slide the accidental deletion prevention knob so that the hole is exposed. When the knob is slid to expose the hole, recording and editing are disabled. Close the knob when recording or editing.



In the unlikely event of a malfunction, do not open the unit; instead, contact the store where you purchased it or a Sony service center. (If the unit malfunctions while a disc is inside, we recommend that you leave the disc in the unit when contacting us to help us identify the cause of the malfunction as quickly as possible.)

Main Specifications

Model

MiniDisc Digital Audio System

Recording method

Magnetic Modulation Optical Method

Playback/Reading Method

Non-contact optical reading (using a semiconductor laser)

Laser

GaAlAs MQW diode, $\lambda=790$ nm

Recording and playback time (when using the MDW-80)

Mono: Up to 160 minutes

Stereo: up to 320 minutes (LP4)

Rotational speed

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

Error Correction Method

ACIRC (Advanced Cross

Interleaved Reed-Solomon Code)

Sampling Frequency

44.1 kHz

Coding

ATRAC (Adaptive Transform Acoustic Coding)
ATRAC3 — LP2/LP4

Modulation Method

EFM

Frequency Response (Headphone Output Jack)

20-20,000 Hz ± 3 dB

Output Terminal

Headphones: Stereo mini-jack Maximum output: 5 mW + 5 mW (16 Ω)

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 V, 50/60 Hz

Battery Life*

See "Battery Life" (page 37)

Unit Dimensions

Approx. 79.0 × 73.3 × 14.8 mm

(Width/Height/Depth, excluding protrusions)

Maximum External Dimensions*

Approx. 80.0 × 75.2 × 17.6 mm

(Width/Height/Depth)

Weight

Approx. 82 g (unit only)

Approx. 109 g (including rechargeable battery)

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

This product is licensed under U.S. 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.

Optional Accessories

AC Power Adapter AC-E30L

Rechargeable nickel-metal hydride battery NH-14WM

Stereo headphones* MDR-EX51SP,

MDR-EX71SL, MDR-E888SP

Active speakers: SRS-A202,

SRS-Z30, SRS-Z510, etc.

MiniDisc (blank discs) ES Series

* Please purchase headphones with a stereo mini plug. Those with a micro plug cannot be used.

The following models cannot be used with this unit:

Remote controllers RM-MC11EL,

RM-MC12ELK

Rotary Commander RM-WMC1 MD Label
Printer MZP-1

IC Memory/Repeat Learning MD Controller

Controller RPT-M1

If you think there might be a malfunction

If you encounter a problem while using this device, please try checking it again by following the steps below before contacting customer service. (Please also refer to the Message List on page 46.) If a message or other information is displayed, we recommend writing it down.

Step 1: Check this manual

Check the "What to Do If You Suspect a Malfunction" section and look up the applicable item.

You'll also find various pieces of information within the procedures in this manual and in the "Message List." Please look up the relevant entries.



Step 2: Check the "Personal Audio Customer Support" website

Search at <http://www.sony.co.jp/support-pa/> or .

This site features the latest support information, as well as frequently asked questions and their answers.



Step 3: If the problem still persists

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

Charging

Symptoms	Cause	Solutions
The device won't charge or doesn't charge fully	Rechargeable or dry-cell batteries are not inserted correctly, or the AC power adapter is not connected properly.	Reinsert the e-terminals of the rechargeable or dry cell batteries and the terminals correctly. Or, connect the AC power adapter correctly.
	The charging terminals on the charging stand are dirty.	Wipe the charging terminals with a dry cloth or similar material.
	When you first purchase the device or after a long period of non-use, the battery life may be short due to the battery's characteristics.	After repeating the charge-discharge cycle a few times, the battery will charge fully.
	The rechargeable battery is completely drained (Nothing appears in the display window on the charging stand either).	Please charge the unit. Charging will begin in about one minute. If charging still does not start, please place the unit back on the charging stand.
	No rechargeable battery is installed.	Please insert a rechargeable battery.
Even when the unit is placed on the charging stand, the "3-color notification"	Even when the unit is placed on the charging stand, the "3-color notification LED" does not light up. After placing the unit on the charging stand for about 3 minutes, the "3-color notification LED" lights up.	
The LED does not light up	.	Charging begins.
The rechargeable battery may have run out even though the unit was not in use	The Quick Mode setting set to "QUICK" (page 34).	When the Quick Mode setting is set to "QUICK," the unit remains powered on internally even when the screen is blank. As a result, battery life is reduced. If the battery is not fully charged and the setting is set to "QUICK," the rechargeable battery may drain while the unit is not in use. In that case, please recharge it.
Even when fully charged, the operating time is only about half of normal	This may indicate that the battery is reaching the end of its service life. rechargeable battery	Please replace it with a new
The unit or charging stand gets hot during charging		
	This is not a malfunction.	

Now Playing

Symptoms	Causes	Solutions
Normal playback is not working seconds	Repeat playback is enabled.	Press and hold the P MODE /  button for at least 2 seconds to clear the  display before starting playback (page 24).
	You changed the playback mode.	Press the P MODE /  button to return 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 previous playback session.	Pause playback, then press and hold N on the unit or the jog lever on the remote control for at least 2 seconds.
	You registered it in Personal Disc Memory.	Delete it from Personal Disc Memory (page 36).
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 device emitting strong magnetic fields. Please keep it away from TVs and other such devices.	Please
The sound is not loud	AVLS is active	Please disable the AVLS setting (page 34).
No sound comes from the headphones	The headphones with the remote control are not plugged in securely.	Plug them securely 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 the remote control with a dry cloth or similar material.
When I fast-forward or rewind on the main unit, it skips to a song several tracks ahead or behind	Group skip is active. If you wait more than 5 seconds without performing any operations, group skip will be automatically canceled.	
The group function is not working. A device that is not set to a group is inserted.	Please insert a disc that has been set to a group.	

Recording in progress

Symptom	Cause	Solution
Recording via the DOWNLOAD button	Not connected to the computer.	Please connect using the dedicated USB cable.
Cannot play sound	There is no music CD in the computer's CD-ROM drive.	Please insert a music CD .
	There is not enough free space on the disc to record.	Please replace it with another recording disc.

Other General

Symptoms	Causes	Countermeasures
Does not respond to commands,	The rechargeable battery has not been charged.	Please charge it.
Or not functioning properly	The VOL (volume) is set too low. Turn up the volume.	
	No disc is inserted.	Please insert a recorded disc.
	The hold function is active (the "HOLD" indicator appears when you press a button on the unit).	Set the HOLD switch in the opposite direction of the arrow to cancel the hold function (pages 13, 14, and 17).
	The lid is not closed securely.	Close the cover until you hear a click.
	There is condensation (water droplets inside the unit).	Remove the disc and leave it out for a few hours.
	The AC power adapter is not plugged in securely.	Make sure the DC IN 3V jack is securely plugged into the power outlet.
	The battery is low (the "LOW BATT" indicator is flashing or nothing is displayed).	Recharge the battery or replace the dry cell batteries with new ones (pages 16 and 17). Alternatively , connect the AC power adapter.
		Reinsert the + terminal and the - terminal of the dry cell batteries correctly (page 17).
	The batteries are not inserted correctly.	
	The internal system is malfunctioning. Restart your computer before reinserting the disc	
	During use, the device is experiencing strong noise due to shock, excessive static electricity, or abnormal power supply voltage caused by a lightning strike.	Please follow these steps to resolve the issue. 1 Disconnect all power sources. 2 Leave it as is for about 30 seconds. 3 Reconnect the power supply.
The display window on the remote control does not light up during playback	The power-saving feature is active. When the power-saving feature is active	, the display window lights up when you operate the unit with the remote control, but it does not light up when you operate the unit directly. (However, it does light up only when you press the GROUP button on the unit.)
	The power cord was unplugged.	Leave it alone for a while. Alternatively, turn on the power and press any operation button.
The LCD display looks different from normal		
When using the AC power adapter, this is a system limitation. When the charging stand is in use,		
When using the AC power adapter, the display window glows faintly for a short time after the unit stops to accumulate the total charging time; the power is	turns off 3 minutes after it stops.	
When the unit is placed on the charging stand, the DOWNLOAD LED	It is in demo mode. This is not a malfunction.	If you insert a rechargeable battery into the unit, it will no longer enter demo mode.
on and off		

Message List

If a message appears on the remote control's display, please check the items listed in the table below.

Display	Meaning	Solution
 FULL	You tried to bookmark the 21st song (page 25).	You can bookmark up to 20 songs. Please bookmark no more than 20 songs.
AVLS	Since the AVLS setting is set to " AVLS ON ," I can't turn the volume up any higher (page 34).	Set the AVLS setting to " AVLS OFF ."
BLANK DISC	A blank disc is inserted	—
CannotCHG	I tried charging it at a temperature other than the specified one	Please charge within the specified temperature range (approximately +5°C to +40°C).
Charging	Displayed while charging.	—
CHECK PC	There is a problem with the connection to the computer	Check the message displayed on the computer screen and take appropriate action. Replace it with another recording disc.
DISC FULL	There isn't enough remaining recording time	—
ERROR	The internal system is malfunctioning.	Follow steps 1 through 3 in the table on page 45.
Hi DC in the specified AC power adapter	The power supply voltage is too high (you are not using or car battery cable).	Use the specified AC power adapter or car battery cable.
HOLD	The hold function is active.	Move the HOLD switch on the unit in the opposite direction of the arrow to cancel the hold function (pages 13 , 14 , and 17).
INSERT CD the CD-ROM drive.	When recording from a computer, there is no CD in the drive.	Insert a music CD .
LOW BATT	The batteries are low.	Recharge the rechargeable battery or replace it with new dry-cell batteries (pages 16 and 17).
MENU	You pressed one of the buttons on the main unit while selecting a menu item with the remote control.	Operate using the remote control.
NO DISC	There is no disc in the drive.	Insert a disc.
No Entry!	Register the personal disk memory— You tried to delete a personal disk that isn't inserted.	—
No MARK	Even though there is no bookmark, I attempted to play the bookmark ("  TrPLAY") (25 pages) operation.	I tried to add a bookmark (25 pages)
NoOPERATE	While setting up the program with the remote control  I pressed + # to try to skip a group (page 31).	—

Display	Meaning	Solution
NOT CD-DA CD	When recording from a computer, a CD other than a music CD is inserted in the CD-ROM drive.	Insert a music CD. Reset the accidental erasure prevention switch.
PROTECTED	The disc is set to prevent accidental erasure (page 40).	
Push STOP	(When "TOC Edit" is displayed, press the x button, and then "TOC Edit" You tried to open the disc tray.	Please wait until the message disappears before opening the cover. Reinsert the disc.
READ ERR	The disc information could not be read correctly.	
REC ERR	Recording failed. The disc is severely dirty (oil film, fingerprints, etc.) or scratched, or the disc does not meet specifications.	Set up the unit in a vibration-free location and try recording again. Replace the disc and try recording again.
SLOW CHG	You attempted to charge the unit in a cold environment.	Please charge the disc in a location where the temperature is between approximately +5°C and +40°C.
TEMP OVER	The unit's temperature has become too high.	Let the unit rest for a while in a cool place for a while in a cool place before using it again.
TOC Edit of tracks	Recorded information (such as the start and end positions) is being recorded onto the disc.	Wait for a while (do not subject the unit to shock or unplug it).

Warranty and After-Sales Service

Warranty Certificate

- A warranty card is included with this product; please be sure to receive 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 problem persists
please consult the store where you purchased the product or your nearest Sony service center listed in the enclosed "Sony Customer Support Guide."
- Repairs during the warranty period
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 the Parts Retention Period
We stock functional replacement parts (parts necessary to maintain the product's functionality) for portable MiniDisc recorders for 8 years after production **has been** discontinued. 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; please consult the store where you purchased the product or our service center.

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Contact Information

If you have any questions about this product, **technical inquiries**, or **concerns** regarding a **possible malfunction**, please use the contact information below.

- To search our website, go to **Personal Audio Customer Support**

(<http://www.sony.co.jp/support-pa/>)

We provide the latest support information regarding **Net MD-compatible devices**, as well as frequently asked questions and their answers.

- For inquiries by phone or fax, please contact the Customer Consultation Center (phone and FAX numbers below)

- This product's category is [Audio] – [Walkman].
- When making an inquiry, please provide the following information.

◆ For questions regarding the unit itself:

- Model Name:
- Nature of your inquiry: Please provide as much detail as possible
- Date of purchase

◆ For questions regarding the included software:

Depending on the nature of your question, we may ask you about your system environment. In addition to the information above, please check the items listed on page 37 of the separate booklet "SonicStage Ver. 1.5 Quick Guide" and the items on **page 28**

) to the extent possible and let us know.

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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