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SONY

3-224-425-01(1)

Portable Mini Disc Player

Instructions for Use

Thank you for your purchase.

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

This instruction manual contains important safety precautions and instructions for handling the product to prevent accidents. **Please read this instruction manual and the separate "Safety Precautions" booklet carefully before using the product safely.** After reading, please keep them in a place where you can easily refer to them at any time.

MZ-E600

MDLP

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Main Features

• Cute and stylish design • Supports MDLP mode,
allowing playback of stereo-
recorded songs in 2x or 4x speed mode. **• "Digital Sound Preset" function to set your preferred sound quality • "Program Playback" function to rearrange songs in your preferred order • "Mobile Phone Incoming Call Alarm" function to notify you of incoming calls while music is playing • "One-Touch Eject" function for easy disc insertion and removal**
Simply press the OPEN button to open the lid and eject the disc. **• Easy-to-use LCD remote control**
You can view the disc name and track titles, check the operating status and battery level. Furthermore, the " Stick Controller" remote allows for easy operation even while the device is in your pocket.

• Stylish see-through and long cord headphones

Check the included accessories.

• Headphones with remote control

• Charger

• Carrying pouch: You can store your mobile phone in the pocket.

• Rechargeable Ni-Cd battery NC-6WM

• Rechargeable battery case (Battery carrying case)

• Battery case

• Instruction Manual

• Warranty

• Information about Sony's customer support services

For safety

⚠危険

• When carrying the included rechargeable battery, always place it in the included battery case. If you carry or store it with metal objects such as coins, keys, or necklaces without using the case, the positive and negative terminals of the battery may short-circuit, causing it to overheat.
• Do not carry or store batteries or battery cases with metal objects such as coins, keys, or necklaces. If the positive and negative terminals of a battery, or the terminals of a battery case, come into contact with metal, a short circuit may occur, causing overheating.

Sony has established a "Technical Information Center" as a customer support service for the MZ-E600 . Please contact us at the **number** below if you have any questions about using the product, technical inquiries, or suspect a malfunction.

Technical Information Center Telephone: 048-794-5194
Operating Hours: Monday to Friday,
9:00 AM to 5:00 PM (excluding public holidays, year-end and New Year holidays, and company holidays)

When contacting us, please provide the following information: •
Model number: MZ-E600
• Details of your inquiry: Please be as detailed as possible • Date of purchase

ソニー株式会社〒141-0001 東京都品川区北品川 6-7-35
お問い合わせはお客様ご相談センターへ
● ナビダイヤル……0570-00-3311（全国どこからでも市内通話料金でご利用いただけます）
● 携帯電話・PHSでのご利用は…03-5448-3311
● Fax……0466-31-2595
受付時間：月～金 9:00～20:00、土・日・祝日 9:00～17:00

This instruction manual uses recycled paper.

prepare A

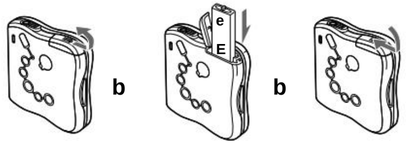
Please charge the rechargeable battery first after purchase.

1 Charge the rechargeable battery.

Charging will be complete in approximately 3 hours.

The rechargeable battery can be charged approximately 300 times.

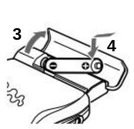
Insert rechargeable batteries



Insert it with the # side facing inwards.

When using alkaline batteries, insert one Sony alkaline battery (AA size), sold separately. Using it with rechargeable batteries will allow for longer playback times.

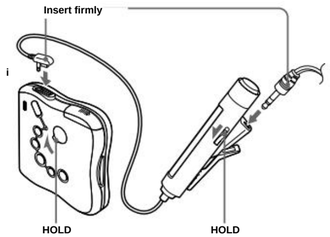
b



Attach the battery case to the main unit.

As shown in the diagram, always insert from the # side.

3. Connect the remote control and release the hold.



How to use a rotary knob

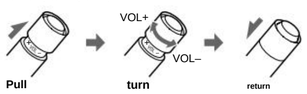
The rotary knob on the remote control is used as follows:

Play/Cue/Fast Forward/Rewind

N>

Turn / Turn and leave it as is

Volume adjustment (VOL +/–)



Pull **turn** **return**

Listening to MiniDiscs B

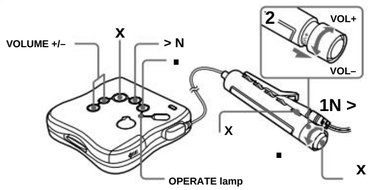
1 Insert a MiniDisc

Press the OPEN button.

Insert the MiniDisc and close the lid.

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

Play



Turn the knob 1 full turn towards the . or N> side (press > N on the main unit).

When you operate it with the remote control, a "beep" sound will be emitted as confirmation.

Pull the knob two turns and rotate it to the VOL+ or - side (on the unit, press VOLUME+/-).

(Take a look at the remote control's display window) Adjust the volume. You can check the volume level on the remote control's display window.

In times like these	Operation (confirmation sound from remote control)
Stop	Press x (beep)
Pause	Press X (beep, beep, beep...). Pressing it again will deactivate it.
Skip to the beginning of the song you're currently listening to.	Turn the rotary knob towards the . side (beep beep beep) . **On the main unit, press .**
Listen to the previous song	Turn the rotary knob repeatedly towards the side (beep beep beep...) . On the main unit, repeatedly press the button.
Listen to the next song.	Turn the rotary knob towards N> (beep beep). On the main unit, press > N.
Rewind while playing 1)	Keep the rotary knob turned to the side . On the main unit, keep pressing the button.
Fast forward while playing 1)	Keep the rotary knob turned to the N> side. On the main unit, keep pressing > N.
Remove the disc.	Press x, then press the OPEN button on the device.

1) Pressing the . or > N button on the device while paused will resume playback.
If you turn the rotary knob to the . or N> side while paused (or press and hold . or > N on the main unit), you can fast rewind or fast forward at high speed without hearing the playback sound.
2) When you open the lid, the next playback will start from the beginning of the disc.

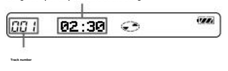
Please note: When removing the disc, press the x button, then the OPEN button to open the lid.

The skip protection **time** is as follows:

mode	display	Audio skip protection
Stereo playback	No display	Approximately 40 seconds
LP2 Stereo Playback LP2		Approximately 80 seconds
LP4 Stereo Playback LP4		Approximately 160 seconds
Mono playback	MONO	Approximately 80 seconds

For more information **on how to view the display window ,** please see "Viewing song titles and song durations."

Song title 3) or elapsed time of the song



3) This will only be displayed for discs that contain textual information such as song titles or disc names.

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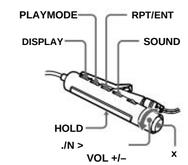
This unit can play back stereo-recorded tracks (LP2 or LP4) with the recording time doubled or quadrupled . Depending on the recording method, stereo playback, LP2 stereo playback, LP4 stereo playback, and mono playback will switch automatically.

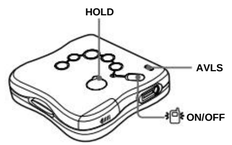
• The OPERATE lamp on the unit will light up while it is in operation. Pressing x to stop playback will turn off the OPERATE lamp.
Yes.
• The remote control display will disappear a few seconds after you press x.

B. Various ways of asking

Remote control CDE



Player body (back) FGH



Change the song order C

You can enjoy listening in various ways by using the PLAYMODE button and RPT/ENT button on the remote control .

Select the playback state (playback mode).

1. Press the PLAYMODE button repeatedly.

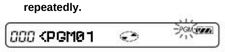
There are four playback modes to choose from.

Playback status display

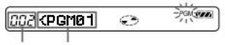
display	Playback status
(No display)	Plays all tracks on the disc once (normal playback).
1	This will play only the song currently in progress (play 1 song).
SHUF	All songs will be played in a random order (shuffle playback).
PGM	You can rearrange and play songs in your preferred order (program playback).

Listen to songs in your preferred order (program playback)

1. Until "PGM" is displayed, Press the PLAYMODE button repeatedly.



Turn the knob 2 turns towards the . or N> side to select a song.



Track number, program order

3. Press the RPT/ENT button.
The song will be decided.

4. Repeat steps 2 and 3 and play the songs in your preferred order.

Choose this option.

Once you've made **your** selection, press and hold the RPT/ENT button **for more than 2 seconds.**
The settings will be confirmed, and playback will begin from the first track.

z
• The program remains even when playback finishes or is stopped midway. • You can program up to 20 songs in total.

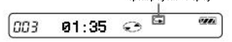
Please note
• Inserting or removing a disc will reset the settings.
• If no operation is performed for 5 minutes during the setup process while the program is stopped , the program will be finalized with the settings up to that point.

Listen repeatedly (repeat playback)

You can repeatedly listen to music in normal playback mode, single track playback mode, shuffle playback mode, or programmed playback mode.

1. Press the RPT/ENT button during playback.
The light will turn on.

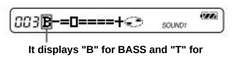
Repeat playback display



Set the sound quality D
(Digital sound presets)

During playback, you can set two different sound quality settings . **1.** Repeatedly press the SOUND button on the remote control to select either "SOUND1" or "SOUND2".

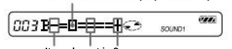
2. While playback is in progress, press and hold the SOUND button on the remote control for more than 2 seconds.
This will take you to the BASS (bass) settings screen. If you press the SOUND button again for more than 2 seconds, you will be taken to the TREBLE (treble) settings screen .



It displays "B" for BASS and "T" for TREBLE .

3. Rotate the rotary knob on the remote control repeatedly towards the . or N> side to set the level of BASS or TREBLE .

The cursor moves. (at position -2)



It can be set in 8 steps from -4 to +3, with ranges of -4 ±0 +3 .

Pressing the SOUND button for more than 2 seconds on either the BASS or TREBLE settings screen will switch between the respective settings screens .
During the setting process, briefly pressing the SOUND button will confirm the current BASS or TREBLE setting and switch to the other setting screen.

4. Press the RPT/ENT button on the remote control.
The settings **will** be registered, and the display will return to playback.

To select the desired sound quality, repeatedly press the SOUND button on the remote control. Select "SOUND1," "SOUND2," or "No Display ." Selecting "No Display" will disable the digital sound preset.

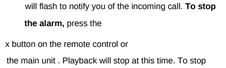
The default setting at the time of purchase is "SOUND1".
BASS: +1, TREBLE: ±0 • When "SOUND2" is selected
BASS: +3, TREBLE: ±0

You can adjust the settings even while playback is in progress or while paused (X) .

Please note
• Settings cannot be changed using the control buttons on the unit. • When using digital sound presets, depending on the settings, increasing the volume too much may cause the sound to crackle or distort.

View song title and song duration E

You can check the song title, disc name, track number, elapsed time of the song, and the number of songs recorded.



1. Press the DISPLAY button on the remote control.
Each time you press it, the display will change as follows:

AB	
Track number	elapsed time
Track number	Song Title 1)
Total number of songs	Disc name 1)
Track number	Track Mode 2)

1) Only displayed when text information is recorded.
2)
Meaning of each track mode display
"Mode:SP" Stereo recordings "Mode:LP2" Stereo recordings in 2x speed mode "Mode:LP4" Stereo recordings in 4x speed mode
"Mode:MONO" Mono recordings

Please note
The track mode is only displayed during playback. After 2 seconds, it automatically returns to the elapsed time display.

B Other functions

F to sound mobile phone incoming call alarm

(Mobile phone incoming call alarm function)

If you receive a call on your mobile phone while playback is in progress, you can be notified of the incoming call. When using the mobile phone incoming call alarm function, be sure to place the main unit inside the included carrying pouch and your mobile phone inside the pocket of the carrying pouch. **1.** Slide the switch ON.
When a call comes in, an alarm will sound, and the "Telephone" indicator on the remote control will flash to notify you of the incoming call. **To stop the alarm,** press the x button on the remote control or the main unit . Playback will stop at this time. To stop the alarm without stopping playback, either turn the switch OFF or press a button other than the x button. Pressing a button will stop the alarm, but the button will not perform its intended function.

Please note
• The mobile phone incoming call alarm function is not compatible with PHS or CDMA mobile phones. • The mobile phone incoming call alarm function may not work depending on the type of mobile phone. • The mobile phone incoming call alarm function may not work if there are metal objects, mirrors, or other objects that reflect radio waves between the main unit and the mobile phone. • If there are people using mobile phones near you, such as in a crowded place, you may be notified of outgoing or incoming calls from other people's mobile phones. It may also operate when you make or receive calls on your mobile phone, or when connecting to the internet. • Turn the switch OFF in the following places.
Please use in the following locations: —Near television and radio towers and other places with strong radio waves —Near computers, word processors, and other places with high levels of electrical noise —Inside cars and trains

G reduces sound leakage and creates a sound that is gentle on the ears. (AVLS)

1. Press the AVLS button on the main unit to display "AVLS ON" in the remote control's display window. The volume will not go above a certain level even when adjusted.

To disable AVLS , press the AVLS button until "AVLS OFF" is displayed on the remote control's display window.

H to prevent accidental operation (Hold function)

1. Slide the HOLD switch in the direction of the dot.
When you slide the HOLD switch on the remote control , the remote control's operation buttons move to the main unit. Shifting the HOLD switch will disable the control buttons on the unit.

To release the HOLD state, slide the HOLD switch in the opposite direction of the arrow.

Regarding the B power supply

When to replace rechargeable batteries and dry cell batteries:

The battery level will be displayed on the remote control's display window during use.

The display window on the remote control shows that the **battery** level is low.

The **battery** is depleted.

No remaining battery. Press "LOW" on the remote control.

The "BATT" indicator will blink, and the power will turn off.

Battery life (EIAJ1)

Battery used: Stereo (normal)	LP2 Stereo	LP4 Stereo
rechargeable nicad battery NC-6WM (at 100% charge)	Approximately 14 hours	Approximately 16 hours	Approximately 18 hours
Alkaline batteries LR6(SG)2	Approximately 42 hours	Approximately 48 hours	Approximately 56 hours
Rechargeable NiCd batteries (approximately 59 hours) and alkaline batteries (2) used in combination.	Approximately 65 hours	Approximately 75 hours

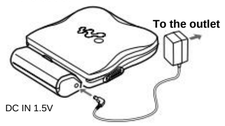
1) Measurements are based on EIAJ (Electronic Machinery Manufacturers' Association of Japan) standards (using Sony MDW series MiniDiscs).
2) Japanese-made Sony Stamina Alkaline Battery LR6 Measurements are taken using (SG).

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

Attach the **J1 battery case, which is plugged into an electrical outlet,** to the main unit.
If rechargeable batteries are included, remove them.

2. AC power adapter (sold separately)
Connect **the AC-E15L (for use in Japan) or AC- E15HG (for use overseas)** to the DC IN **1.5V jack on the side of the battery case.**

3. Connect the AC power adapter to the outlet.



z •
The battery level indicator will also be displayed when using the device connected to an AC power adapter.

Please note
• When using the device while plugged into an outlet, always remove the rechargeable battery from the unit. Leaving the battery in may reduce the performance of the rechargeable battery. • This product requires the separately sold AC-E15L, AC-
Please use an E15HG (polarity-unified plug, EIAJ standard) adapter . Using any other AC power adapter may cause malfunctions.

Polarity-unified plug

• The AC-E15HG has different specifications depending on the region. Please check the power voltage and plug shape of your area before purchasing.

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BOther

Precautions for use

Do not disassemble the MiniDisc player. The laser light used in the MiniDisc player is dangerous if it shines into your eyes.

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

Regarding Charging :

• Always use the included charger for charging. • Do not use the included charger to charge any batteries other than the specified type. •
Rechargeable batteries may have a shorter operating time when new or after being unused for a long time. This is due to the characteristics of the battery, and they will be fully charged after being used a few times. • When the operating time of a fully charged rechargeable battery is about half of the normal time, replace it with a new rechargeable battery.
• When not using the device for an extended period, remove the rechargeable battery from the unit. •
Once charging is complete, unplug the charger from the outlet as soon as possible. Leaving it plugged in for an extended period may degrade battery performance.

• The charger and rechargeable battery will get hot while charging. However, there is no danger.

Regarding the disposal of rechargeable batteries in Japan

Nickel-cadmium batteries are recyclable. When you no longer need nickel-cadmium batteries, please attach insulating tape, such as cellophane tape, to the metal parts and bring them to a rechargeable battery recycling center.

Ni-Cd

For inquiries regarding the collection and recycling of rechargeable batteries and participating recycling stores, please contact: Battery Association of Japan (BAJ) TEL: 03-3434-0261 Website: http://www.baj.or.jp

Regarding the disposal of rechargeable batteries overseas

Please dispose of it in accordance with the laws and regulations of each country.

Regarding the battery case: The included battery case is for this device only. Do not use any other battery case.

Regarding the battery case mounting area on the main unit

If the terminals on the attachment point come into contact with metal or other materials while the rechargeable battery is still inside the unit, it may short-circuit and overheat, which is dangerous. When carrying the unit in a bag or other container, please use the included carrying pouch.

Instructions for Use • Do not drop or subject the device to strong shocks, as this may cause malfunction. • Do not pull the remote control or headphone cords forcefully. • Do not place the device in the following locations: —
Places with very high temperatures (above 60°C) — Places 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 — Places with a lot of dust

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

The temperature of the device may rise after prolonged use, but this is not a malfunction.

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

About headphones

The included headphones are designed to prevent sound leakage, but sound will still leak out if the volume is turned up too high. Please be careful not to turn the volume up too high and disturb those around you. You may be tempted to turn up the volume in noisy places, but when listening with headphones, always aim for a volume level where you can still respond if someone calls out to you.

About the remote control

The included remote control is for this unit only. Furthermore, this unit cannot be operated with remote controls included with other models.

Regarding handling of MiniDiscs : • The MiniDisc itself is stored in a cartridge.
This design allows for easy handling without worrying about dust or fingerprints. However, dirt or warping of the cartridge may cause malfunctions. To ensure you can enjoy beautiful sound for a long time, please note the following: Do not open the shutter with your hands **without directly touching the MiniDisc .** Forcing it open will break it.

Shutter cartridge

—When carrying or storing, put it in the case.

Regarding the placement of the items
Do not place the disc in places with high temperatures or humidity, such as in direct sunlight. Also, do not leave it in places where sand may get into the disc, such as on a sandy beach. —Regular **cleaning:** Wipe off any dust or debris from the surface of the cartridge with a dry cloth. • Do not attach the label included with the disc to any location other than the designated area. Always attach it in the indentation for the label.

In the event of a malfunction, please do not open the device, but contact the store where you purchased it or a Sony service center.

Maintenance

If the surface becomes dirty ,
gently wipe it with a soft, damp cloth, then dry it thoroughly. Do not use paint thinner, benzene, alcohol, or other solvents, as these will damage the surface.

Care instructions for headphones and remote control plugs

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

I thought it might be broken.

Please check again before contacting our service desk. If you have any questions, please contact our Technical Information Center.

Unresponsive

• No disc is inserted (the remote control displays "NO DISC"). Please insert **a** disc.
• The hold function is active (when you press the operation button, "HOLD" will be displayed on the remote control). **b** Turn the HOLD switch in the opposite direction of the arrow to release the hold function.
• Condensation (water droplets have formed inside). Remove the disc and wait for several hours . Sai.
• The rechargeable battery or dry cell battery is depleted (the remote control will display "LOW BATT" flashing). **b** Charge the rechargeable battery or replace the dry cell battery with a new one. Please exchange it for something else.
• The batteries are not inserted correctly. Reinsert terminals 3 and # of battery **b** correctly. please.
• A blank disc is inserted (the remote control displays "BLANKDISC"). **b** Please insert a disc with recordings.

• The disc is damaged (the remote control displays "DISC ERR"). **b** Reinsert the disc. If the message persists, try replacing it with another disc.
—

• During use, the device was subjected to strong noise due to shock, excessive static electricity, or abnormal power voltage caused by lightning strikes. **b.** Please restart the operation using the following procedure.
1. Disconnect all power. 2. Leave it like that for about 30 seconds. 3. Connect the power.

Normal playback is not possible.

• Repeat playback was specified. Press the RPT/ENT button on the remote control . Please turn off the (repeat) indicator before starting playback.

The disc won't play from the first track.

• The disc was stopped midway through the last time it was played. You can start playback from the first track by repeatedly turning the rotary knob on the remote control towards the . side **(or** repeatedly pressing the . button on the main unit) or by opening the lid once .

I can't set the digital sound preset.

• Digital sound presets are disabled. Press the SOUND button on the remote control **repeatedly .** Then, select either "SOUND1" or "SOUND2". Please do so.

The sound cuts out during playback.

• It is placed in a location with a lot of vibration. **b** Please use it in a location with less vibration.
• If the recording time for a song, such as narration or an intro, is extremely short, the sound may cut off.

Lots of noise

• Place near objects with strong magnetic fields, such as televisions . It is. Please keep it away from televisions and other **electronic** devices.

A momentary noise can be heard.

• Audio recorded in stereo using LP4 (4x mode) Playing. When playing back audio recorded in LP4 stereo , Due to the characteristics of the compression method, very rarely, momentary noise may be heard.

Unable to charge

• The rechargeable battery is not properly inserted into the charger. Please insert **it** firmly.

No sound coming from the headphones

• The headphones are not properly plugged in. Please plug them firmly into the jack .
—
b. Insert the headphones firmly into the remote control. Please do so. •

The volume is too low.

b. Pull the rotary knob on the remote control and turn it towards the VOL+/- side (or press the VOLUME+/- button on the main unit) to adjust the volume.
Press the AVLS button on the main unit, then on the remote **control** Please display "AVLS OFF" in the display window .
—

My mobile phone's incoming call alarm function isn't working.

Please also see "Set up mobile phone incoming call alarm" under "Other functions".

• The switch is OFF. Please turn switch **b** ON.

• Not compatible with PHS or CDMA mobile phones. • Avoid placing metal objects, *mirrors, etc.* between the device and the mobile phone to block radio waves. It contains reflective material.
Place the **main** unit inside the included carrying pouch, and place your mobile phone in the pocket of the carrying pouch.

Main specifications

format
MiniDisc Digital Audio System

Playback reading method
Non-contact optical reading (using semiconductor laser)

GaAlAs MQW diode, ŷ = 790 nm

Rotational speed approximately 300 rpm to 2,700 rpm ;
Error correction method: Advanced Cross Interleave; Solomon Code (ACIRC)

Sampling frequency
44.1 kHz

coding
ATRAC (Adaptive Transform Acoustic Coding)

ATRAC3 — LP2
ATRAC3 — LP4

modulation scheme
EFM

Number of
channels: Stereo 2 channels, Mono 1 channel; **Frequency**

response: 20 to 20,000 Hz; **Wow and flutter:** ±3 dB

Output terminal below
the practical measurement limit : Headphones: Stereo mini jack. Practical maximum output: 5 mW + 5 mW (EIAJ*, 16*j*)

power supply
100V, 50/60Hz
rechargeable battery (included: NC-6WM, 1.2V , 600mAh , Ni-Cd) x1, alkaline dry cell battery (AA size) x1, external power jack, rated DC 1.5V. **For battery life,** please see "When to replace rechargeable and dry cell batteries".

Main unit
dimensions: approximately 85.5 × 19.3 × 77.5 mm (width/height/depth, excluding maximum protrusions) **Maximum external dimensions (EIAJ*) :** approximately 86.5 × 19.5 × 77.5 mm (width/height/depth, including protrusions)

mass
Approximately 72g (main unit only) Approximately 97g (main unit + rechargeable battery NC-6WM) (EIAJ*)

* Measured according to EIAJ (Electronics and Machinery Manufacturers' Association of Japan) standards.

is.

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

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

Accessories sold separately
AC power adapter AC-E15L stereo headphones * MDR-D55, Active speakers such as MDR-D77, MDR-E888SP, SRS-Z500, MiniDisc soft carrying pouch for SRS-Z750, SRS-Z1000, etc.
MD-4SCPL/N
MD Label Printer MZP-1

* Please purchase **headphones with a stereo mini plug, whether connecting them to the i-jack on the main unit** or to the remote control. Micro plug headphones cannot be used.

Stereo mini plug

Microplug

Warranty and after-sales service

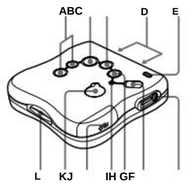
Warranty

• This product comes with a warranty. Please pick it up at the store where you purchased it. • Please fill in the required information and check the contents, then keep it safe. • The warranty period is one year from the date of purchase.

After-sales service : • If something is not working properly, please first check the following: Please refer to this instruction manual again and check the problem. • **If the problem persists, please contact service.** Please contact the store where you purchased the product, or the nearest Sony service center listed in the attached "Sony Customer Service Information" document.
• **Repairs during the warranty period** We will repair the product based on the terms and conditions stated in the warranty certificate. Please refer to the warranty certificate for details. • **For repairs after the warranty period has expired ,** if the product's functionality can be maintained through repair, we will provide a paid repair service upon request.
• **Regarding parts availability:** We maintain repair parts (parts necessary to maintain the product's functionality) for our portable MiniDisc players for a minimum of 8 years after production is discontinued . This parts availability period will be considered the repairable period. Even after the availability period has expired, repairs may still be possible depending on the nature of the malfunction, so please contact the store where you purchased the product or our service center.

Names of each part

Player unit

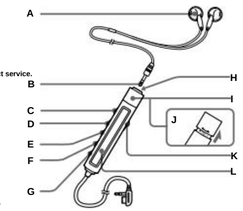


1. Volume +/- buttons **2.** X button

3 > N button **4** battery case terminals
5. AVLS button (volume limit) **6.** i (headphone) jack

7. (Mute/phone incoming call alarm) Switch **8.** Button
9 OPERATE lamp **0** Rechargeable battery compartment **qa** HOLD (prevents accidental operation) switch **qs** OPEN button

Headphones with remote control



1. Headphones **2.** Stereo mini-jack **3.** X (Pause) button
4 SOUND button
5. RPT/ENT button
6. PLAYMODE button
7 DISPLAY button **8** x (Stop) button **9** Rotary knob ./ N> When stopped, turning to the N> side plays; when playing , turning to the N> side skips to the beginning; holding it down fast forwards; when playing, turning to the . side skips to the beginning; holding it down rewinds. **q;** Rotary knob VOL (Volume) +/- Pull and turn the rotary knob to adjust the volume. **qa** HOLD switch Disables the remote control buttons to prevent accidental operation. **qs** Display window

English

As you read, refer to the illustrations in the Japanese text.

BPreparing

Get started A

Charge the supplied rechargeable battery, before using it for the first time. Other choices are a dry battery and house current (see "Power Sources").

1 Charge the supplied rechargeable battery NC-6WM with the supplied battery charger.
Charging is completed in about 3 hours. You can charge the battery 300 times. A fully-charged battery should power consecutive playback for 14 hours before you need to recharge it.

2 Open the rechargeable battery compartment lid and insert the charged battery with correct polarity.
To use a dry battery, insert one LR6 (size AA) alkaline dry battery (not supplied) into the supplied dry battery case, and attach the battery case to the player.

3 Connect the supplied headphones to the remote control.
Connect the remote control to **i** jack of the player.

Slide HOLD on the remote control and the player to the direction of the arrow shown in the illustration.

BMD Play

Playing an MD B

1. Insert an MD.
1 Press OPEN.
2 Insert the MD with the label side facing up, and press the lid down to close.

2. Play the MD.
1 Turn the control towards . or **N>** on the remote control (or press **> N** on the player).

When using the remote control, a short beep sounds in the headphones.
2 Pull and turn VOL +/– on the remote control (or press VOLUME +/– on the player) to adjust the volume.
The volume indicator appears on the remote control to allow you to check the volume.

Other disc operation

To	Do this (Beeps in the headphones)
Stop	Press **x** (A long beep)
Pause	Press **X** on the remote control. (Continuous short beeps) Press **X** on the remote control again to resume playback.*
Find the beginning of the current track	Turn the control towards . on the remote control. (Three short beeps) Press on the **player** once.
Listen to the beginning of the previous track	Turn the control towards . on the remote control repeatedly. (Continuous three short beeps) Press . on the player repeatedly.
Listen to the beginning of the next track	Turn the control towards **N>** on the remote control. (Two short beeps) Press **> N** on the player once.
Go backwards while playing*	Turn and hold the control towards . on the remote control. Hold down **on** the player.
Go forward while playing*	Turn and hold the control towards **N>** on the remote control. Hold down **> N** on the player.
Remove the MD	Press x, and then press OPEN.**

* When you press . or **> N** on the player during pause, the player resumes playback.
If you turn and hold the control towards . or **N>** on the remote control (or hold down . or **> N** on the player) during pause, you can fast forward/rewind without listening to the playback sound.

** Once you open the lid, the point to start playback changes to the beginning of the first track.

Note

When removing the disc, make sure to press **x** first, and then press OPEN.

About the anti-skip function The anti-skip function provides resistance to vibrations for varying lengths of time, depending on the playback mode of the track.

Mode	Display vibration resistance time
Stereo (none)	Approximately 40 seconds.
LP2* stereo LP2	Approximately 80 seconds.
LP4* stereo LP4	Approximately 160 seconds.
Monaural MONO	Approx. 80 sec.

* The player can play the track recorded by double or 4 times long mode (LP2 or LP4). Normal stereo playback, LP2 stereo playback, LP4 stereo playback or monaural playback is automatically selected to match the audio source.

Various ways of playback

Changing the play mode C

You can select various play modes using the PLAYMODE and RPT/ENT buttons on the remote control.

Selecting the play mode

1. Press PLAYMODE.
Each time you press this button, the play mode changes as follows:

Display	Play mode
(none) (normal play)	played once. *1* (single play) A single track is played once.
SHUF (shuffle play)	All the tracks are played in random order.
PGM (program play)	Tracks are played in the order that you specified.

Listening to tracks in a desired sequence (Program play)

1 Press PLAYMODE repeatedly until "*PGM*" appears in the display.

2 Turn the control towards . or **N>** to select a track.

3 Press RPT/ENT to enter a track number.

4 Repeat step 2 and 3 to program more tracks.

5 Press RPT/ENT for 2 seconds or more.
The settings are entered and playback starts from the first programmed track.

Notes •
All program settings are lost when the disc is Removed from the player.
• If no settings are made for 5 minutes while the player is stopped, the settings made up to that point are entered.

Repeat play

1 Press RPT/ENT during playback. appears in the display.

To adjust the sound quality (Digital Sound Preset) D

You can make adjustments to the sound quality to suit your taste, and then store two sets of these adjustments.

1 Press SOUND on the remote control repeatedly to select "SOUND1" or "SOUND2".

2 During playback, press SOUND for 2 seconds or more.
The player changes to the bass-setting mode. Pressing the SOUND for 2 seconds again changes the player back to the treble-setting mode.

3 Turn the control on the remote control towards . or **N>** repeatedly to adjust the bass or the treble.

When you press SOUND for more than 2 seconds while adjusting the bass, the display switches to the treble (or vice-versa).

When you press SOUND for a short time while adjusting the bass or the treble, the setting for that sound is entered and the display switches to the other sound setting.

The sound can be adjusted in 8 steps from –4 to +3.

4 Press RPT/ENT.
The sound settings are stored and the playback display appears again.

To select a preset sound Press SOUND on the remote control repeatedly to select "SOUND1," "SOUND2," or off (no display). Selecting no display turns off the Digital Sound Preset function.

Digital Sound Preset factory settings
The Digital Sound Preset factory settings are as follows: • "SOUND1": bass +1, treble ±0 • "SOUND2": bass +3, treble ±0

Notes •
Settings cannot be changed through the operation buttons on the player. • When you use the Digital Sound Preset, the sound may break or become distorted when the volume is turned up too high, depending on the settings.

To know the track name and playing time

During playback, press DISPLAY on the remote control.
Each time you press DISPLAY, the elapsed time of the current track and the track number, the track name and number, the disc name and the number of tracks recorded on the MD, the mode that the track was recorded in and number appear.

The mode that each track was recorded in is indicated as follows:
"Mode : SP" Standard mode (stereo)
"Mode : LP2" 2 × mode (2 × normal playing time) 4 × mode (4 × normal playing time)
"Mode: LP4"

"Mode: MONO" Monaural

Note

The mode indication appears only during playback. It appears for 2 seconds, and is then replaced by the elapsed time of the current track.

BOther operations

Setting the cellular phone alarm (Incoming call alert function)

This function conveniently alerts you when you get a call on your cellular phone during playback.

When using the incoming call alert function, make sure to put the player in the supplied carrying pouch and put your cellular phone in the pocket of the carrying pouch.

1 Set on the player to ON.
When you get an incoming call, the alarm sounds and "denwa" flashes on the remote control.

To stop the alarm Press **x** on the remote control or on the player. Playback is stopped at this time.
To stop the alarm without stopping playback, set to OFF or press any button except x.
Note that pressing the button will not activate its original function.

Notes •
The incoming call alert function is not supported on PHS and CDMA cellular phones.

• The incoming call alert function may not work with certain types of the cellular phones. • The incoming call alert function may not work when metallic objects, mirrors or other items that deflect radio waves are placed between the player and the cellular phone. • The alarm may be activated by call on other cellular phones near you (for example, in a crowd). Also, the alarm may be activated by an outgoing call, mail or internet activity on your cellular phone.

• Turn switch to OFF when it is in the following places:
— Near a source of strong radio waves, such as a TV or radio transmitter
— Near a computer or other source of electromagnetic noise
— Inside a car or train

To protect your hearing (AVLS) G

Press AVLS (Automatic Volume Limiter System) on the player to display "AVLS ON" on the remote control.

The volume is kept at a moderate level, even if you try to turn the volume above the limited level.

To cancel the AVLS function Press AVLS on the player to display "AVLS OFF" on the remote control.

To lock the controls (HOLD) H

Slide HOLD on the remote control in the direction of the . to lock the controls of the remote control and slide HOLD on the player in the direction of the . to lock the controls of the player.

To unlock the controls Slide to the opposite direction of the arrow.

BPower Sources

Using on a battery I

Insert one LR6 (size AA) alkaline dry battery (not supplied) into the supplied dry battery case with correct polarity, and then attach the supplied battery case to the player.
The dry battery3) should power consecutive playback for about 42 hours1) before you need to replace it. If you use both a dry battery3) and a rechargeable battery2) (consecutively), the total playback time should be about 59 hours1).

1) Measured in accordance with EIAJ (Electronic Industries Association of Japan) standard (using a Sony MDW-series Mini-disc).
2) With a fully charged battery 3) When using Sony "STAMINA" alkaline dry battery produced in Japan.

When to recharge or replace the battery When the battery indication changes to r, the rechargeable battery or the dry battery is weak. Recharge the rechargeable battery or replace the dry battery. When the battery is exhausted, "LOW BATT" flashes in the display on the remote control and the power goes off.

Note

The battery life may be shorter depending on operating conditions, the surrounding temperature, and the battery type.

Using on house blue J

1 Before using the player, remove the rechargeable battery if it is installed.
2 Attach the supplied battery case to the player and connect the optional AC-E15L AC power adapter (for use in Japan) or the optional AC-E15HG AC power adapter (for use outside of Japan) to the DC IN 1.5V jack of the battery case.
3 Connect the AC power adapter to a wall outlet.
Do not use any other AC power adapter.

Notes •
When using the AC power adapter to power the player, make sure to remove the rechargeable battery from the player. Leaving the rechargeable battery in the player at this time may cause the battery performance to decline.

• Use only the optioanl AC-E15L/E15HG AC power adapter to power the player in your home. Use of any other AC power adapter may cause the player to malfunction. • The AC-E15HG is shipped with different specifications to suit the region it is used in. Before purchasing the power adapter, verify that its voltage rating and the plug type are suited to your region.

Sony online http://www.world.sony.com/