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SONY

3-259-104-**01**(1)

Portable MiniDisc Player

operating instructions

Thank you for your purchase.

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

This instruction manual describes important precautions to prevent accidents and how to handle the product. Please read this instruction manual carefully.Please use the product safely. After reading, be sure to keep it in a place where you can easily access it at any time. Please see the back for "Safety" precautions.

MZ-E720

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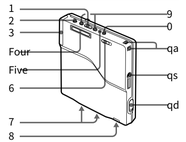
"Walkman" , "WALKMAN"is a registered trademark of Sony Corporation representing headphone stereo products.
WALKMAN is a registered trademark of Sony Corporation.

Check the accessories

- headphone
- Remote controller
- Charging stand
- ACPower adapter (3Vfor)
- Carrying pouch
- Rechargeable Nickel Metal Hydride Battery NH-14WM (A)
- Rechargeable Battery Case (Battery carrying case)
- Battery Case
- operating instructions
- Warranty
- Sony Customer Service Center Information

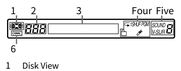
Names of each department

Player



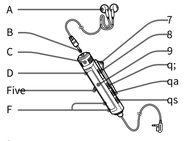
1 u button*
2 xbutton
3 Rechargeable battery case
FourVOLUME(Volume) +*, – buttons
Five3Color NoticeLED
6 HOLD(Prevents erroneous operation)switch
7 Battery case terminals
8 Charging terminal
9 . and > buttons
q; GROUPbutton
qa strap (Commercially available)Mounting Part
qs i(headphone) Jack
qd OPENKnob

Remote control display window



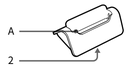
1 Disk View
2 Track number display
3 Text information display section
FourPlayback mode display
FiveVirtual Surround/ 6Band Equalizer Display
6 Battery level indicator

Remote control/headphones



1 headphone
2 Stereo mini plug
3 VOL(Volume) +, – knob
Four(Stop) Button
FiveJog lever (.u/ENT・>) (Group) +, –
6 Buttons
7 clip
8 HOLD(Prevents erroneous operation)switch
9 Display window
q; DISPLAYbutton
qa P MODE/(PLAY back mode/Repeat) button
qs SOUNDbutton

Charging stand



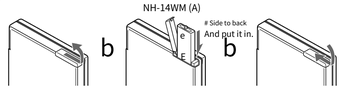
1 Charging terminal
2 DC IN 3VJack (bottom)

*The buttons have a convex point. Please use it as a sign.

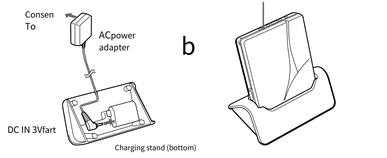
prepare

Please charge the rechargeable battery first before use.

1 Inserting the rechargeable battery



2 Charge

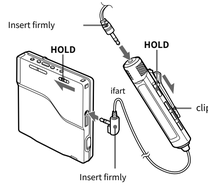


Charging status"3Color NoticeLED" We will notify you via.
redOrangetLights out (about31/2 hour later)
LEDYou can use it when it disappears.2if you continue charging for about an hour,100% charging will be achieved.
(When the remote control is connected or charging, the display window will show"CHARGING" It will be displayed.)

please note

Charging:charging will stop if you perform any operation such as playback.

3 Connect the remote control and release the hold

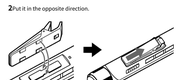


How to use the remote control clip

Depending on the position where you attach the remote control, the characters displayed in the display window may be upside down and difficult to read. If this happens, attach the remote control clip in the opposite direction as shown below.

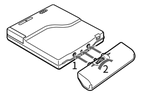
1Remove the clip.

2Put it in the opposite direction.



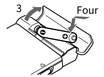
When using alkaline batteries

1Attach the battery case to the main unit.



b

2Be sure to enter it from the # side.

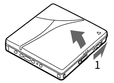


Sony alkaline batteries (sold separately) (single3shapeF1I'll put in a book.
When used with rechargeable batteries, it provides long playback times.

Listening to MiniDiscs

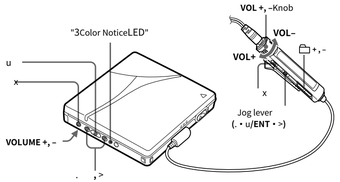
1 Insert a mini disc

1 OPENSlide the knob in the direction of the arrow.2 Insert a mini disc.3 Close the lid.



Insert the disc with the label side facing up and the arrow pointing
Please push it all the way in.

2 Reproduce



1Press the jog lever (u) (On the main unituPress).
You will hear a confirmation beep."3Color NoticeLED" lights up red (Group setting (The light will turn green if the disc is a

2VOLTurn the knob to the + or - side to adjust the volume (on the main unit,VOLUME+ or press –).

You can check the volume on the display window of the remote control.

To stop playback,xl press the button.
You will hear a confirmation beep.
The next time you play the disc, it will start from where you stopped. If you want to start playing from the beginning of the disc, press the jog lever (u)of2Hold down the button for more than a second (on the main unit) uof2hold it down for more than seconds) and begin playback.

What to do in these situations	Operation (Confirmation sound)
Pause	uPress. (beep beep beep...) Press again to release.
The song you're listening to now or earlier Skip to the beginning of a song	Slide the jog lever to the side. (Press . on the unit.) (beep beep)
Skip to the beginning of the next song	Slide the jog lever towards >. (Press > on the main unit.) (beep beep)
Rewind or fast forward while playing do	Slide the jog lever to the . or > side and hold it down. (On the main unit, press and hold . or >.)
Where you want to listen while checking the elapsed time Search for(Time search)	During pause, slide and hold the jog lever toward . or >.
Search for the place you want to listen to by looking at the track number list(Index Search)	While stopped, slide and hold the jog lever toward . or >.
TenSkip to the beginning of each song□	Press the + or - button.
Remove the disc□	xPress and then pressOPENSlide the knob.

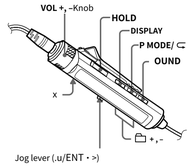
□During group playback, it will skip to the beginning of the group (group skip). For details, see "Group playback". Please refer to the.

□When you open the cover, the next playback will start from the beginning of the disc. (If the disc is registered in the personal disc memory, (Except when

BVarious ways to listen

From here on, we will explain how to operate the remote control using the buttons.

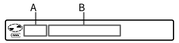
It mainly explains the work.



View song titles and song times

Song name, disc name, track number, track time, Number of songs recorded, group name, group

You can check the total number of songs in the group.



1DISPLAYPress.
Each time you press it, the display changes as follows:
vinegar.

A	B
Song number	elapsed time
Song number	Song Title
Total number of songs in the group	group name
Total number of songs	Disk Name
Song number	Sound Mode
Song number	SP/LPmode

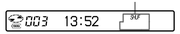
please note

- Group playback/normal playback status and operation status Depending on the state and settings, the display may not be selectable. may not be displayed correctly or may appear differently. Masu.
- SP/LPThe mode is only displayed during playback and will automatically revert to the elapsed time display after a while. vinegar.

Selecting the playback mode

1 P MODE/Press repeatedly.
Each time you press it, the display changes as follows:
The video will be played back in the selected display state.

Playback mode display



Playback mode display	Playback Status
(no display)	Normal playback(All songs on the disc1times reproduction)
1	1Playing songThe song currently being played (Play only)
	Bookmark playback (Bookmark (BookmarkOnly songs with (Play in order)
SHUF	Shuffle Playback(All songs in no particular order Rearrange and play)
PGM	Program Playback(Choose the song you want to listen to) (Arrange and play in order of preference)
***	Group normal playback(group1mosquito For each group,1times played)
*SHUF**	In-group shuffle playback (Sharing the songs in the group currently playing Play the next group in sequence. Shuffle the songs in the loop)
*PGM**	Group Program Playback (Arrange in order of preference by group. (Replace and play)

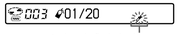
* This is displayed only for discs that are set as groups.

Listen to only the songs you like (Bookmark playback)

Bookmark your favorite songs
You can then play just that song.
However, you cannot change the order of the songs.

To add a bookmark

1Play the song you want to bookmark,
Jog lever2Press for more than seconds.



Bookmarks flash slowly

The bookmark is confirmed.

2procedure1Repeat to add bookmarks To go.
In all20You can even add music.

To play a bookmarked song

1Now playing,P MODE/Press repeatedly hand."PLAY?" Display the following.

2Press the jog lever.
The smallest song number with a bookmark? Playback will start in order.

To delete a bookmark

Play the song you want to delete the bookmark from,
Jog lever2Press and hold for more than seconds.

please note

The setting will be cancelled when you open the lid.

Listen to songs in the order you like (Program Playback)

1During playback, "PGM"appears. in,P MODE/Press repeatedly.

2Repeatedly move the jog lever to select a song.
Select the number and press it to confirm.

Track number Program order

3procedure2Repeat to play the songs in any order. choose.
In all20You can even program songs.

FourOnce you have made your selection, press the jog lever2
Press for more than seconds.
Playback will begin in the programmed order.

To play a group program

The above steps1in" PGM" Display the Steps2–FourIn total,TenYou can program up to 1000 groups.
Play in loop order.

z

When playback is finishedOr when you stop midway tooThe program settings remain.

please note

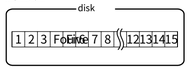
The setting will be cancelled when you open the lid.

Group playback

Grouped disks and teeth?

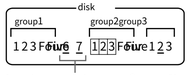
MDUse a recorder to record one disc.
The songs in the book were recorded in several groups.
This refers to a disc that has been audio-edited.CDa Groups by album, artist, etc.
This is useful when managing files separately.
This unit can play back discs that are grouped.
You can play each group separately.

During normal playback



V

Group playback



Songs that are not in the group areGroup – –" is considered to belong to the

group1Play each group in order from After that, songs that are not in the group ("Group – –") and then finish.

please note

Group settings cannot be made on this unit.MD Please set it using a recorder or similar.

1Now playing,P MODE/Pass repeatedly and dis play .

Skip to the beginning of a group To

Remote control operation

1Now playing, + Or press –.
– Press the button to play the first song in the group.
Press again to go to the previous group.
Moves to the first song in the list.

Main unit operation

1Now playing,GROUPPress.

2Press . or >.

z

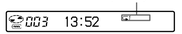
"3Color NoticeLED" turns green during group playback
Lights up, Flashes orange when cueing to the beginning of a group
To do.

Listen repeatedly(Repeat playback)

Normal playback or1You can play songs repeatedly, shuffle them, or play programs. can.

1During playback in your preferred playback mode,
P MODE/of2Press for more than seconds.
" " will light up.

Repeat Play



To cancel

P MODE/of2Press and hold for more than seconds.

z

During repeat playback,P MODE/Press to change the playback mode while keeping the repeat on. to come.

Make the sound you like (Virtual Surround6Band Equalizer)

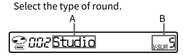
Change the sound realism and set your preferred sound quality.
You can set the following:2From the three effects1 You can choose one.
V-SUR(Virtual Surround):
Change the sense of realism of sound(Fourkinds)
6 BAND EQUALIZER(6Band Ikora Isa) : Change the sound quality(6kinds)

Select the sound realism (Virtual Surround)

1Now playing,SOUNDPress repeatedly, "V-SUR" Select.

2SOUNDof2Press for more than seconds.

3Slide the jog lever repeatedly to Select the type of round.



Every time you move the jog leverAand Bchanges to:

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

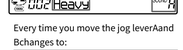
FourPress the jog lever to confirm.

Select the sound quality (6Band Equalizer)

1Now playing,SOUNDPress repeatedly, "SOUND" Select.

2SOUNDof2Press for more than seconds.

3Slide the jog lever repeatedly to Select the type of round.



Every time you move the jog leverAand Bchanges to:

A	B
Heavy	SOUNDH
Pops	SOUNDP
Jazz	SOUNDJ
Unique	SOUNDU
Custom1	SOUND1
Custom2	SOUND2

FourPress the jog lever to confirm.

To cancel the setup midway
DISPLAYbutton orxthe button2seconds or more.

To cancel the setting
The above steps1inBSelect the state where nothing is displayed.

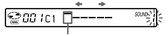
Adjusting the sound quality to your liking

"Custom1" and"Custom2"For your preference
You can memorize the sound quality of the

1The above steps1–3Do the following: "Custom1" Ma Or "Custom2" Display the following.

2Press the jog lever to confirm.

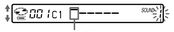
3Repeatedly move the jog lever to select the frequency Select.



frequency(100Hz)

The frequencies are from the left:100Hz,250Hz, 630Hz,1.6kHz,4kHz,10kHzin vinegar.

FourVOLTurn the knob repeatedly to adjust the level. Adjust.



Level (+10dB)

The level is?You can choose from different stages.
– 10dB, –6dB, –3dB,0dB,
+3dB, +6dB, +10dB

Fiveprocedure3andFourrepeat.

6Press the jog lever to confirm.

Bvarious settings

Record settings for each disc Record (Personal Disk Memory)

Register the disk setting information.
If you reinsert the disc, the display
TtDisc Mem" is displayed and the setting information
It will be called automatically.

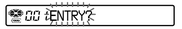
The following setting information can be registered:

- Volume
- Playback Mode
- Bookmark Settings
- Program Settings
- Virtual Surround/6Band Equalizer Settings
- Playback Speed(Digital pitch control)

1DISPLAYof2Press for more than seconds.

2Slide the jog lever toUseful"of Select and press to confirm.

3Slide the jog lever toDisc Mem"Select and press to confirm.
"Entry?" will flash.



FourPress the jog lever to confirm.
"Entry OK" is displayed, and the current device
The disk setting information will be registered.

To delete a registration

Insert the disk you want to delete and select the contents.
Check the steps above.3After that, slide the jog lever repeatedly untilERASE?" will flash and press it to confirm.
"ERASE OK" will be displayed and the disk setting information will be deleted.
Do this on a disk that is not registered and,"NO ENTRY!" will be displayed.

please note

- disk20You can register up to 100,000 pages.20When the number of discs exceeds this limit, the oldest played discs will be automatically deleted.
- A registered disc was edited on another device. If you try to record on or off the disc, it will be recognized as a different disc. and the registered information will become invalid.

Change the playback speed (Digital pitch control)

When you want to change the playback speed for language learning, etc.

This is convenient. Only the playback speed is changed without changing the pitch.

to change.
+ 100%~~50%For up to13You can choose the playback speed in stages.

1During playbackDISPLAYof2Press for more than seconds vinegar.

2Slide the jog lever toUseful"of Select and press to confirm.

3Move the jog lever "SpeedCtrl" Select and press to confirm. do.
The playback speed setting screen will appear.
Please listen to the sound and make your selection.

FourMove the jog lever repeatedly to change the speed. Select the degree and press to confirm.
In the display window"SC" It will be displayed.

To cancel the setup midway
DISPLAYbutton orxthe button2Press and hold for more than seconds.

z

When you open the lidThe setting is0%Return to.

please note

When you change the playback speed, During playback"Brrrr" That I hear sounds, It sounds like an echo This may be the case.

Reduces sound leakage and is gentle on the ears

Make the sound better
(AVLS —Auto Volume Limiter System - Comfortable Volume

Sound leakage and pressure on the ears due to the volume being too high

The sense of pressure and the danger of not being able to hear the sounds around you

This reduces noise and allows you to listen at a more comfortable volume.

can.

1Now playing,DISPLAYof2Press for more than seconds vinegar.

2Move the jog lever "Options"of Select and press to confirm.

3Slide the jog lever toAVLS" of Select and press to confirm.

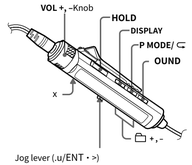
FourSlide the jog lever toAVLS On"Select and press to confirm.
"AVLS On" will be displayed.

To set up on the device
Now playing,HOLDswitchNShift in the direction ofVOLUME –While pressing the button, HOLDswitchNand slide it in the opposite direction.

AVLSTo cancel

For the remote control, follow the steps above.Four "AVLS Off"Select and press the jog lever.
On the console, during playbackHOLDswitchN Shift in the direction ofVOLUMEPress the + button while doing,HOLDswitchNand slide it in the opposite direction.

BVarious Settings (continued)



Turn off the confirmation sound

You can turn off the confirmation sound from the remote control and the main unit.

Masu.

1DISPLAYof2Press for more than seconds.

2Move the jog lever "Options"of Select and press to confirm.

3Slide the jog lever toBeep" of Select and press to confirm.

Four Slide the jog lever toBeep Off"Select and press to confirm.

The confirmation sound from the remote control and main unit will disappear.

To cancel the setup midway

DISPLAYbutton onthe button2Press and hold for more than seconds.

To play a confirmation tone

The above stepsFourin"Beep On" Select

Remote control display window back
Turning the light on/off

1DISPLAYof2Press for more than seconds.

2Move the jog lever "Options"of Select and press to confirm.

3Move the jog lever "Backlight" Select and press to confirm. do.

Four Slide the jog lever to select the setting.

display	setting
Auto	Lights up during operation. Turns off after a while. (Default setting)
On	Always on during operation
Off	Always off

Five Press the jog lever to confirm.

Quickly listen to sounds (Quick mode)

After pressing the play button or cueing a song

After that, you can quickly listen to the playback sound.

Masu.

1DISPLAYof2Press for more than seconds.

2Move the jog lever "Options"of Select and press to confirm.

3Move the jog lever "Power Mode" Select and press to confirm do.

Four Slide the jog lever toQuick" of Select and press to confirm.

"Quick" will be displayed.

To cancel the setup midway

DISPLAYbutton onthe button2Press and hold for more than seconds.

To cancel the setting

The above stepsFourin"Normal" Select

please note

- settingQuick" When set to , the screen will be blank.
  Even when the device is not turned on, it consumes power internally.
  When the battery is completely depleted,
  The internal power supply to the unit will be turned off immediately.
- No operation is performed(including opening and closing the lid.
  Rechargeable nickel-metal hydride batteryNH-14WM(A) (100%)WhenchargingAbout1Weekly, alkaline batteries (LR6(SG)) About2weeks, and approximately 1 week with a combination of rechargeable nickel-metal hydride batteries and alkaline batteries?You can retain the Quick Mode status for a week.

Reduce battery consumption (Power saving function)

Function to maximize battery life

The main unit3Color NoticeLED" Always off or shortly after operating the remote control

Turn off the display to reduce battery consumption

Masu.

1DISPLAYof2Press for more than seconds.

2Move the jog lever "Options"of Select and press to confirm.

3Move the jog lever "Power Mode" Select and press to confirm do.

Four Move the jog lever "PowerSave" Select and press to confirm do.

On the main unit,3Color NoticeLED" will disappear.

To cancel the setup midway

DISPLAYbutton onthe button2Press and hold for more than seconds.

"3Color NoticeLEDTo add "

The above stepsFourin"Normal" Select

Preventing erroneous operation (Hold function)

1Remote controlHOLDin the direction of >,
On the main unitNShift in the direction.
Remote controlHOLDFlip the switch

The remote control operation buttons are the same as those on the main unit.

HOLDSlide the switch to change the operation of the main unit.

The operation button will no longer work.

HOLDTo cancel

HOLDSlide the switch in the opposite direction to the arrow.

To do.

Reduce skipping (G-PROTECTION)

G-PROTECTIONImpact during jogging

The skip guard function was developed with the

It is more effective than conventional skip guards.

It is becoming stronger.

please note

In the following cases: There may be skipping of sound.

- When strong shocks are applied continuously
- Scratched or dirtyMDWhen listening to

BPower Supply

Rechargeable batteries and dry cell batteries

When is the time to change?

During use, the battery level indicator on the remote control

On the display or on the unit3Color NoticeLED"Lets

We will inform you by display.

Remote control display window

The remaining charge is low.

The battery is low.

There is no battery remaining.LOW BATT" display will flash and the power will be turned off.

On the main unit,3Color NoticeLED" display

LEDLighting — There is sufficient battery power remaining.

LEDSlow blinking — The battery is low.

LEDFast blinking — Battery is empty.
To make it easierLEDturns off, power supply will be cut off.

please note

- 100%Even if an empty rechargeable battery is inserted, the remaining charge indicator may not light up completely.
  However, the charge areaBthe shorter the charging time, the longer it will last.
  The time will be shorter.
- when fast forwarding/rewinding or in extremely cold places When using, the remaining charge may be high or low.
  It may be displayed as a lick.

Battery life1(JEITA2)

Battery used	SP	LP2	LP4
	Stereo (usually)	Stereo	stereo
Rechargeable Nickel Hydrogen battery NH-14WM(A) (100% charged)	about38 time	about47 time	about60 time
Alkaline batteries LR6(SG)3	about63 time	about79 time	about99 time
Rechargeable Nickel Water Batteries and alkaline Dry cell battery,Use in combination with	about98 time	about124 time	about155 time

1.Power saving functionONThe hour value.
2.JEITA(Sony Electronics and Information Technology Industries Association) standard.M.D.W.(Uses minidiscs from the series).
3.Sony alkaline batteries made in JapanLR6(SG) is used for measurement.

please note

Battery life is — Ambient temperature, operating conditions, battery

Depending on the typeit may be shorter.

Sockets (Household power supply) Connect to

ACConnect the power adapter to the charging stand.

When you place the device on the rechargeable battery

It can be used without batteries.

Bothers

Precautions for Use

Do not disassemble

Laser used in minidisc players

The light can be dangerous if it hits your eyes.

Do not touch the lens

If the lens becomes dirty, sound skipping may occur or playback may become impossible.

It may be missing or disappear.

Also, when removing the disc, be sure to

Do not open the lid except for inserting.

ACAbout the power adapter (Attached

(For use with charging stations only)

- This product includesACPower adapter/sold separately.ACPower adapterAC-E30LPlease use products other than those listed above. and it may cause a malfunction.

Polarity-uniform plug

- ACConnect the power adapter to a power outlet that is easily accessible, immediately unplug it from the outlet.
- ACWhen using the power adapter, please note the following:
  — Install the unit in a bookshelf, built-in cabinet, etc. Do not place it in a narrow space.
  — To avoid the risk of fire or electric shock, Do not use in hot or humid places.
  Do not place a vase or other object containing water on top of the unit.
  Do not place anything containing

About charging

- The included charging stand is designed exclusively for this unit and cannot be used to charge other devices.
- The included charging stand does not support batteries other than those specified.
  Do not charge.
- Charging is +Five℃～+40Please do this in a location that is ℃.
- During charging, the charging stand and rechargeable battery may become hot.
  Rechargeable batteries that have not been used for a long time or when you first purchased them
  in ponds, the duration may be short.
  This is due to the characteristics of the battery and can be achieved by charging and discharging it several times.
  Repeat this until it is fully charged.
- The usable time of the rechargeable battery is limited when it is fully charged.
  When it is about half the normal amount, use a new charger.
  Replace it with a rechargeable battery.
- Once charging is complete, remove the device from the charging stand as soon as possible.ACUnplug the power adapter from the wall outlet. Leaving it plugged in for an extended period of time
  may reduce the battery performance.

Disposal of rechargeable batteries in Japan

Ni-MH

Nickel-metal hydride batteries are
You can remove it.
Nickel-metal hydride batteries are
Use insulating tape such as cellophane tape
Stick tape on it and sign the recycling agreement.
Please take it to a power store.

Collection, recycling and recycling of rechargeable batteries

For participating stores, please contact the Battery Association of Japan

Page:http://www.baj.or.jp/Please refer to

So lame.

Handling

- Do not drop the product or subject it to strong shocks. Doing so may cause a breakdown.
- Do not pull the cord of the remote control or headphones too hard. Please do not do so.
- Do not place in the following locations:
  — Where temperatures are very high
  — Places exposed to direct sunlight or near heating appliances
  — Inside a car with the windows closed(especially in summer)
  — Humid places such as bathrooms
  — Near magnets, speakers, televisions, or other magnetic objects
  — Dusty places

Temperature Rise

When charging or using the product for an extended period of time,

Your body temperature may rise, but this is not a malfunction.

there is no.

Operation noise

This unit is designed to operate in a power-saving mode.

Therefore, there will be intermittent noise during operation.

This is not a malfunction.

Handling of MiniDiscs

- The minidisc itself is housed in a cartridge.
  This makes it easy to handle without worrying about dust or fingerprints.
  However, the cartridge
  Dirt or warping on the
  "You can enjoy beautiful sounds forever."
  Please note the following points to ensure
  — Do not touch the mini disc directly.
  Do not open the shutter by hand.
  If you force it open it will break.

Shutter Cartridge

  — When transporting or storing the device, use the case.
  Can
  — About the location
  In places exposed to direct sunlight or high temperatures
  Do not place in a dry place or in a humid place.
  Do not leave the disc on a beach or in other places where sand may get into the disc.
  please.
  — Regular maintenance
  Dust and dirt on the cartridge surface
  Wipe it off with a dry cloth.
- The label that comes with the disc is in a position other than the designated position.
  Do not stick it on the label.
  Make sure to paste it firmly to fit the size.

About headphones

- The supplied headphones may not be able to produce sound if the volume is turned up too high.
  If the volume is too high, it may cause noise around you.
  Be careful not to cause trouble to others.
  Turn up the volume in noisy places.
  It's common, but when do you listen with headphones?
  The volume is loud enough that you can respond when someone calls out to you.
  Please use this as a guide.
- If you experience any skin irritation while using the included headphones, discontinue use immediately and consult a doctor or
  Please contact our Customer Service Center.

About the remote control

- The remote control provided is for this unit only. Remote controls provided with other devices cannot be used to operate this unit.
  plug.
- If you lose your remote control clip,
  Raise store or at reviewed "Sony Consultation Center Information
  Image Please contact your nearest service center at
  Sai.

About the battery case

The included battery case is for use only with this unit.

In the unlikely event of a malfunction, do not open the product and

Please contact your dealer or Sony service center.

So lame.A disc may have malfunctioned while it was in the unit.

If a malfunction occurs, please contact the device manufacturer for a prompt solution in the cause of the malfunction.

We recommend that you consult with the disk inserted.

I recommend it.)

Care

When the surface becomes dirty

If the surface becomes dirty, wipe it with a soft damp cloth.

Wipe lightly with a cloth, then wipe dry.

Do not use detergent, benzine, or alcohol as these may damage the surface.

So please do not use it.

Headphone and remote control plugs Care instructions

To ensure you always get the best sound possible,

Wipe occasionally with a soft, dry cloth to keep it clean.

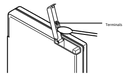
If it is dirty, it may cause noise or sound dropouts.

This may be a cause.

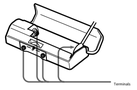
Care of the terminals

Periodically clean all terminals (such as the charging terminal on the main unit and the terminals on the battery case) with a cotton swab or soft cloth.

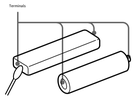
Battery compartment



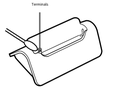
Battery case (included)



Rechargeable battery (included)/ Dry cell battery (sold separately)



Charging stand (included)



if you thought it was a malfunction

Before consulting the service center,

Please check it out.

If you have any questions, please contact the Customer Consultation Center.

Please contact the supplier.

unable to charge

- The charging terminals on the charging stand are dirty.
  bWipe the charging terminal with a dry cloth.
- There is no rechargeable battery inserted.
  bInsert the rechargeable battery.
- The temperature in the charging area is too high. (Remote
  N "CannotCHG" The display will appear.)
  Or too low. (on the remote control SLOW CHG"
  The display will appear.)
  bCharging is +Five℃～+40Please go to the ℃ location.
  Sai.

Even if you place the main unit on the charging stand3Color Notice LED" i can't get it

- There is no rechargeable battery inserted.
  bInsert the rechargeable battery.
- You can immediately start charging by placing the main unit on the charging stand "3Color
  NewsLED" Sometimes it doesn't turn on.
  bPlace the device on the charging stand and charge it for about3
  Minute after, "3Color NoticeLED" lights up and charging begins.
  I will.

Does not accept operation

- The battery is not inserted correctly.
  bBattery3Please reinsert the terminal and # terminal correctly.
  please.
- No disc inserted (on the remote control NO
  DISC" The display will appear.)
  bPlease insert a disc.
- The hold function is active (Operation buttons on the unit
  Press to switch to the remote control "HOLD" The display will appear.)
  bHOLDFlip the switch in the opposite direction to the arrow.
  Please cancel the hold function.
- A button on the unit was pressed while setting up using the remote control.
  (Pressing the button on the unit will "MENU"
  The display will appear.)
  bPlease end the operation using the remote control.
- (Water droplets are present inside.)
  bRemove the disc and wait a few hours.
  Sai.
- The rechargeable battery or dry battery is depleted. (Remote
  To the control LOW BATT" The display will appear.)
  bCharge the rechargeable battery or replace the dry batteries with new ones.
  Please exchange it for something else.
- There is a blank disc inserted
  (on the remote control BLANKDISC" The display will appear.)
  bPlease insert a recorded disc.
- The disc is damaged (on the remote control
  "READ ERR"or "TOC ERR" The display appears
  (.
  bReinsert the disc. The message still appears.
  If this happens, replace it with another disc.
  stomach.
- During use, the product may be subjected to strong noise due to shock, excessive static electricity, or abnormal power supply voltage caused by lightning.
  Ta.
  bPlease try again using the following steps.
  1 Disconnect all power sources.
  2 about30Hold it for a second.
  3 Connect the power.

No sound from headphones

- The headphones are not plugged in securely.
  bInsert it firmly into the jack.
  stomach.
  bPlug the headphones securely into the remote control.
  Please drink.
- AVLSThe function is working.
  bAVLSPlease cancel. "sound
  It reduces leakage and makes the sound easier on the ears.Visit
  please.

Normal playback is not possible

- Repeat playback is specified.
  bRemote controlP MODE/ (the button2More than a second
  Press and hold (repeat) Display
  Please turn it off and then start playing.

Disk1Can't play from track list

- Last time I played it, I stopped halfway through the disc.
  bOpen the lid or press the
  Jog lever2Hold it down for more than a second
  please.1You can play from the track list.

Sound cuts out during playback

- It is placed in a location with a lot of vibration.
  bUse in a place with minimal vibration.
- Narration, intro, etc.1If the recording time of a song is extremely short, the sound may be interrupted.

Noisy

- Do not place the device near a television or other object with a strong magnetic field.
  It is.
  bKeep it away from televisions etc.

A momentary noise is heard

- LP4(FourDouble mode)Sound recorded in stereo
  It's playing.
  bLP4When playing back stereo recorded sound,
  Due to the characteristics of the compression method, there may be a momentary
  You may hear a strange noise.

During playback"3Color NoticeLED" or remote control display

The window doesn't turn on

- The power saving function is active.
  bWhen the power saving function is activated,
  If you use the controller to operate the device, the display window will come on.
  The display window will not light up even if you operate it with your body. (Ta
  However, the main bodyGROUPit only turns on when
  you press the button.)

Group function not working

- A disk that is not set as a group is being used.
  bUse disks with group settings.
  So lame.

Bookmark playback is not possible (remote control "NO MARK" The display will appear.)

- Without bookmarks
  I tried to select bookmark playback.
  bPlease bookmark us.
  Listen to only the songs you like" "book
  To make a mark Please refer to the.

Main Specifications

format

MiniDisc Digital Audio System

Regenerative reading method

Non-contact optical reading (using semiconductor laser)

laser

GaAlAs MQWdiode,
λ=790 nm

Rotational Speed

about300 rpm–2,700 rpm

Error correction method

ACIRC(Advanced Cross Interleaved Reed-Solomon Code)

Sampling Frequency

44.1kHz

coding

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

Modulation Method

EFM

Number of Channels

stereo2Channel
monaural1Channel

Frequency characteristic

20–20,000Hz±3 dB

Output terminal

Headphones: Stereo mini jack
Maximum output5mW+5mW"(16 ohms)

power supply

Rechargeable battery (included:NH-14WM (A), 1.2 V,1350mAh (MIN),Ni-MH)1Individual
Alkaline batteries (single3shape)1book
External power jackCharging stand) Rating DC 3V
ACPower adapter (For charging stations, Included),AC100V,50/60Hz

Battery life

When to replace rechargeable batteries and dry batteries
Please look.

Body dimensions

about71.5×77.9×13.9 mm
(Width/height/depth, not including protrusions)

Maximum external dimensions

about74.1×80.0×15.1 mm
(Width/Height/Depth)

mass

about64g(only a main part)
about91g(including rechargeable batteries)

JEITA(Japan Electronics and Information Technology Industries Association) standard based measurement

value.

The specifications and appearance of this unit are subject to change without notice for improvement purposes.

It may be subject to change, note that.

This machine is Dolby Laboratories in the U.S. and Internationally

This product is licensed under a national patent.

Optional accessories

ACPower adapterAC-E30L
Rechargeable Nickel Metal Hydride BatteryNH-14WM
Stereo headphones*MDR-E888SP, MDR-EX71SL,MDR-Q555SLSuch Active SpeakersSRS-Z510, SRS-Z30Such

*Stereo headphones

- The headphones areWhether you connect to a jack or a remote control,
  Please buy the one with rug. Micro plug cannot be used.
- This may not be compatible with some models of noise cancelling headphones.
  (For Sony products,MDR-NC20,MDR-NC11, MDR-NC5)

The following models are Cannot be used in conjunction with this unit.

Rotary CommanderRM-WMC1
MDLabel printerMZP-1
I CMemory Repeat Learning
MDcontrollerRPT-M1

Warranty and after-sales service

Warranty

- This product comes with a warranty.
  Then, pick it up at the store where you purchased it.
  Please do so.
- Please fill in the required information and check the contents.
  Please keep it safe.
- The warranty period begins from the date of purchase.1Annually.

After-sales service

- If you're not feeling well, check it out first
  Please check this manual again.
  So lame.
- If you are still having trouble, contact our service center.
  Please contact your store of purchase or the attached "Sony Consultation Center
  "Guide to Your nearest Sony service center
  Please contact us.
- Repairs during the warranty period
  The repair was done based on the warranty.
  For details, please refer to the warranty card.
- Repairs after the warranty period has expired
  If the functionality can be maintained by repair,
  If desired, we will provide repairs for a fee.
- Parts retention period
  We offer portable minidisc players
  Repair parts for performance To maintain the functionality of the product
  (Parts required forAfter production was discontinued
  8The part retention period is the repair period.
  The retention period will be extended.
  Even after the repair, depending on the part that is broken, it may be possible to repair it.
  Please contact your dealer or service center.
  Please consult with our customer support desk.

Contact Information

If you have any questions about this unit,Technical questions,

Consultation when you think you have a disability.For details, please see below.

Please let us know.

- The product category of this machine is[Audio] — [U Oukman] is.
- When contacting us, please let us know the following:
  — Model name
  — Consultation details: Please provide as much detail as possible
  — Date of purchase

● 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

この説明書は100%古紙再生紙とVOC（揮発性有機化合物）ゼロ植物油型インキを使用しています。

⚠警告 For your safety

Sony products are designed with safety in mind. However, all electrical products can be dangerous if used improperly and can result in fire, electric shock, or other personal injury. To prevent accidents, be sure to observe the following:

V

Observe safety precautions

Please read the following precautions carefully. They contain general product precautions.

Check regularly

1A year1The degree isACCheck to see if there is any dust accumulated between the power adaptor plug and the outlet, or if the power adaptor is still being used in a malfunction state.

Do not use if broken

The operation becomes strange,ACif you notice that the power adapter, charging stand, or other part is damaged, immediately contact your retailer or a Sony service representative for repair.

If an abnormality occurs

There was a strange sound or smell
If smoke comes out

1power off
2ACPower adapter
Unplug the
3Purchased from a store or
Repair at the knee service desk
Request a consultation

What the warning signs mean

The instruction manual and product include the following:

It is displayed as shown below.

Please read the text after fully understanding the contents.

Please read.

⚠危険

Do not follow the precautions indicated here.
fire, electric shock, explosion, etc.
Accidents resulting in death or serious injury
This results in:

⚠警告

Do not follow the precautions indicated here.
and deaths due to fires, electric shocks, etc.
and serious injuries.
Become.

⚠注意

Do not follow the precautions indicated here.
and electric shock or other accidents.
Do not cause fire or damage to surrounding property.
This may be the case.

Attention symbols

火災 感電

Symbols prohibiting certain actions

禁止 接触禁止 ぬれ手禁止

Symbols that indicate actions

強制

⚠警告 火災 感電

If you do not observe the following precautions**Fire and electric shock**

By**Heavily injured**This can cause the following:

Do not use while driving

- Do not use headphones or earphones, perform detailed operations, or look at the display screen while driving a car or motorcycle, etc. Doing so may result in a traffic accident.
- Also, when using the product while walking, please be aware of surrounding traffic and road conditions to prevent accidents.

禁止

Do not allow water or foreign objects to get inside the unit

If water or foreign objects get into the device, it may cause a fire or electric shock.

If water or foreign objects get into the unit, immediately turn off the switch and ACUnplug the power adapter from the outlet and contact your retailer or a Sony service center for assistance.

禁止

Domestic aircraft will not be used overseas

Other than the World ModelACThe adapter is for use in Japan only. 100VUsing the unit overseas with a different power supply voltage may result in fire or electric shock.

強制

When thunder starts to rumble, do not touch the power plug.

This may cause electric shock.

接触禁止

Charging stations other than those specifiedACDo not use a power adapter

Explosions, leakage, or overheating may result in fire, injury, or damage to the surrounding area.

禁止

With wet handsACDo not touch the power adapter or charging stand.

This may cause electric shock.

ぬれ手禁止

Main unit andACDo not use the power adapter or charging stand while it is covered with a blanket or other item.

Heat may build up, causing the case to deform or even resulting in a fire.

禁止

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

The internal temperature will rise and may cause a fire or malfunction.

禁止

Do not place any metal objects on the charging station.

If the terminals of the charging stand come into contact with metal, a short circuit may occur and the charging stand may become hot.

禁止

Do not carry or store the device or battery case together with metal objects.

If you carry or store the battery together with metal objects such as coins, key necklaces, etc., it may short circuit and generate heat.

禁止

⚠注意 If you do not observe the following precautions**Injury**or around**Household goods**To

damageWe may give you a

Do not listen at high volumes for long periods of time

Listening to music for long periods of time at a loud volume that irritates your ears can have a detrimental effect on your hearing. Be particularly careful when listening to music with headphones. Listen at a volume that allows you to respond when someone calls out to you.

禁止

Don't turn up the volume too much at the beginning

Sudden loud noises can damage your ears. Turn up the volume gradually.MD,CDorDATPlease be careful when listening to low-noise digital devices such as these with headphones.

禁止

Powered onACDo not touch the power adapter, charging stand, or product for long periods of time.

Prolonged contact with the skin may result in low-temperature burns.

禁止

Battery Safety Precautions

Leaking・rupture・Fever・Ignition・Accidental ingestionor**Heavily injured**or**Blindness**To avoid this,

Please be sure to observe the following:

⚠危険 If rechargeable batteries or dry batteries leak

If rechargeable or dry cell batteries leak, do not touch the liquid with bare hands.

Liquid may remain inside the unit, so please contact your Sony Customer Service Center or a Sony service representative.

If the liquid gets into your eyes, do not rub your eyes as this may cause blindness, but immediately wash your eyes thoroughly with tap water or other clean water and seek medical attention immediately.

If the liquid comes into contact with your body or clothes, it may cause burns or other injuries, so immediately rinse it off with clean water and consult a doctor if you experience any skin inflammation or injuries.

⚠危険 About rechargeable batteries

- Be sure to enter the correct + and - signs according to the device's display.
- designated charging stations,ACDo not charge the battery using anything other than a power adapter.
- If a carrying case for the rechargeable battery is included, be sure to carry and store the battery in the carrying case.
- Do not put into fire, disassemble or heat.
- Do not use, store or leave the product in high temperature locations such as near fire, in direct sunlight or in a car under the hot sun.
- Do not carry or store the battery together with metal objects such as coins, keys, necklaces, etc. Do not short circuit the battery.
- Do not peel off or damage the exterior vinyl tube.
- Do not use batteries that are leaking.
- Do not use rechargeable batteries other than those specified.
- Remove batteries when they are exhausted. Remove them if you will not be using the product for an extended period of time or when using it on AC power.
- Do not mix different types of batteries.

⚠警告 About dry batteries

- Keep small batteries out of reach of infants and small children as they may be swallowed. If swallowed, it may cause choking or stomach problems, so consult a doctor immediately.
- Be sure to enter the correct + and - signs according to the device's display.
- Does not charge.
- Do not put into fire, disassemble or heat.
- Do not carry or store the battery together with metal objects such as coins, keys, necklaces, etc. Do not short circuit the battery.
- Do not use batteries that are leaking.
- Remove batteries when they are exhausted. Remove them if you will not be using the product for an extended period of time or when using it on AC power.
- Do not mix new batteries with used batteries or batteries of different types.
- If the + and - of the battery, or the terminals of the battery case and the terminals for the battery case on the main unit, come into contact with metal, a short circuit may occur and the battery may become hot.

⚠注意 About dry batteries

- Do not use, store or leave the product in high temperature locations such as near fire, in direct sunlight or in a car under the hot sun.
- Do not peel off or damage the exterior vinyl tube.
- Do not use any battery types other than those specified.

please

Used rechargeable batteries are a valuable resource. Please dispose of the terminals (metal parts) by taping them off, and bring them to a participating rechargeable battery recycling store.