aiwa

MINIDISC PLAYER

AM-HX300

OPERATING INSTRUCTIONS

MiniDisc MD**LP**
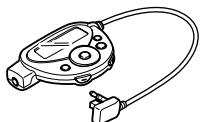
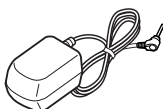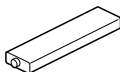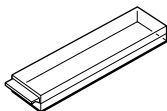### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This minidisc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the exterior.

```
CLASS 1    LASER PRODUCT
KLASSE 1   LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1    LASER APPARAT
```

CAUTION!

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.

Accessories

Following accessories are supplied with this unit. Check them before use.
① LCD remote control
② Stereo headphones
③ Charging stand
④ AC adaptor
⑤ Rechargeable battery
⑥ Battery carrying case

TABLE OF CONTENTS `English`

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PRECAUTIONS

To maintain good performance
• Do not use the unit in places which are extremely hot, cold, dusty or humid. In particular, do not use or keep the unit in the following places.
  • in a high humidity area such as a bathroom
  • near a heater
  • in an area exposed to direct sunlight (Example: inside a parked car, where it can become extremely hot)
  • where it is very dusty or sandy
  • near sources of strong magnetism, such as televisions, speakers, or magnets
  • where there is a lot of movement or vibration, such as on a car dashboard or unstable shelf

For safety
• Do not attempt to disassemble the unit. Laser rays from the optical pickup are dangerous to the eyes.
• Make sure that pins or other foreign objects do not get inside the unit.
• Take care not to drop the unit or subject it to strong shocks.
• To keep dust away from the pickup lens, keep the disc holder closed after use. Never touch the lens.
• If you hear no sound when playing a disc, DO NOT turn the volume up too high since the music could suddenly start. Turn the volume to the lowest level before starting playback and slowly turn it up to the desired level.

A

ⓑ ⓒ ⓐ
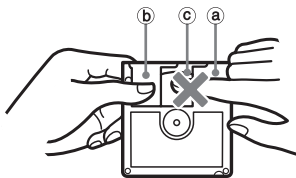
Note on listening with the headphones
- Listen at a moderate volume to avoid hearing damage.
- Do not wear the headphones while driving or cycling. It may create a traffic hazard.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations, such as walking, jogging, etc.
- Wear them properly; L is left, R is right.
- The in-ear type headphones should be worn with the longer cord behind your neck.

Note on condensation
If the unit is suddenly moved from a cold place to a warm one, it may result in condensation on the pickup lens causing malfunction or playback difficulties.
Should this occur, leave the unit for a few hours, then try playback again.

Note on handling MD → A
Since MDs come in a cartridge ⓐ which protects the discs inside from fingerprints and dust, you do not have to be overly careful when handling them.
However, soiled or damaged cartridges can lead to malfunctions in the unit.
Observe the following tips when handling MDs.
- Keep the cartridge in the attached case.
- Do not open the shutter ⓑ of the cartridge to touch the disc ⓒ directly. If the disc inside becomes soiled, it is very difficult to clean. The cartridge can also be damaged.
- Close the shutter if it opens while handling or ejecting a disc. Otherwise dust may enter or a disc may become scratched.

To clean the cabinet
Use a soft cloth lightly moistened with a detergent solution.
Do not use strong solvents such as alcohol, benzine or thinner.

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1
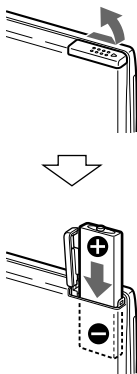
2

CHARGING THE RECHARGEABLE BATTERY English

When using the rechargeable battery for the first time, charge it until the CHARGE lamp turns off.

1 Insert the rechargeable battery with the ⊕ and ⊖ marks correctly aligned.
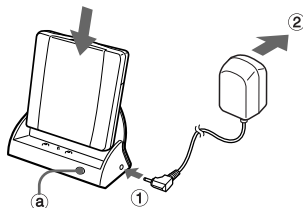Charging will not start if the battery is not inserted first.

2 Charge the rechargeable battery.
Put the main unit onto the charging stand in the correct direction and connect the supplied AC adaptor
① to the DC 1.2 V jack
② to a wall outlet
CHARGE lamp ⓐ lights up.
Charging a fully used rechargeable battery takes about 5 hours.
When the charging is finished, the CHARGE lamp turns off.

Note
You cannot start playback with the unit set on the charging stand. If you do so, "Can't PLAY" is displayed.

Time to recharge the battery
The battery indicator changes from ▥ to ▦ to ▭ to ▭ based on the remaining power in the battery. Recharge the battery when the ▭ lights.
If the unit remains in use after ▭ lights, "LOW BATT" appears and the operation will stop.

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Note on recharging the battery
- Use only the supplied AC adaptor and charging stand to recharge the battery.
- Do not carry the battery in a pocket or handbag together with metal objects such as pendants or key holders. Use the supplied battery carrying case when carrying the rechargeable battery.
- Do not short-circuit the terminals of the rechargeable battery and charging stand.
- Do not disassemble the battery, heat it or put it in water.
- The supplied rechargeable battery can be recharged approximately 300 times.

Using on dry-cell battery

Use the 8B-HM3-953-11 dry-cell battery case (not supplied). On purchase and details, consult your nearest aiwa dealer.
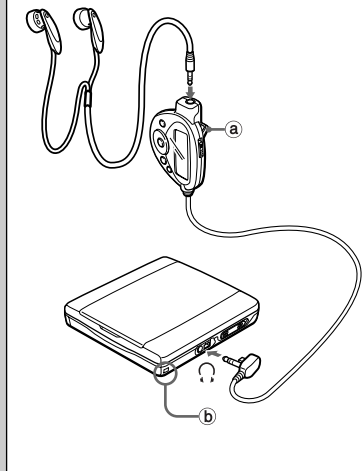
PREPARATIONS

Connecting the headphones → **A**

Connect the supplied headphones to the remote control and connect the remote control to the Ω jack of the main unit.
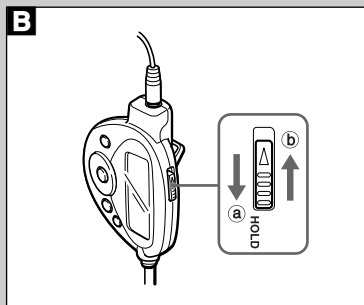
ⓐ The remote control can be clipped on your clothing, etc. with this clip on the back of the remote control.
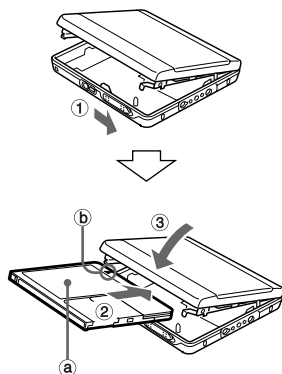ⓑ You can attach your strap (not supplied) here.

HOLD switch → **B**

Release HOLD on the remote control. → ⓐ
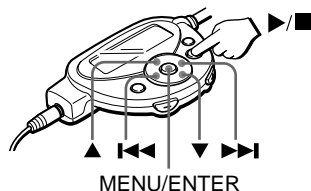**When not using the unit,** set HOLD to the HOLD position. → ⓑ
Accidentally pressed buttons will not function.

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1

① (label a, b, ③, ②, ③)

2

►/■

▲ |◄◄   ▼ ►►|

MENU/ENTER

3

►/■

DSL   VOLUME
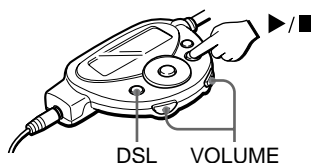
BASIC OPERATION   English

1 **Load a disc with the label side ⓐ up and in the direction of the arrow ⓑ.**
Insert the disc completely until it clicks.
2 **Press ►/■.**
3 **Adjust the volume.**

To stop playback, press ►/■. When playing the disc the next time, playback will start from that point.

Basic operation	Remote control	Signal sound
To go back to the beginning of a previous track	Press |◄◄ briefly.	bipbipbip
To go to the beginning of a succeeding track	Press ►►| briefly.	bipbip
To locate the track 9 tracks back of the current track	Press ▼.	bipbipbip
To locate the track 10 tracks ahead of the current track	Press ▲.	bipbip
To search for a desired point	Keep |◄◄ or ►►| pressed.	

If you press |◄◄ or ►►| briefly while in stop mode, the title of the track is displayed. When the desired track is displayed, press MENU/ENTER. Playback starts from the track.

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Examples of the ▲/▼ button operation:

ex. 1: If you press ▲ while the unit is playing the 45th track whose disc has 50 tracks, the beginning of the 5th track is located.

ex. 2: If you press ▼ while the unit is playing the 6th track whose disc has 50 tracks, the beginning of the 47th track in the next album is located.

ⓐ Press ▲.
ⓑ Press ▼.

Note
The ▲/▼ does not function if the disc has 9 tracks or less.

To adjust the tone

Press DSL repeatedly during playback.
DSL ON : Deep base is emphasized.
DSL OFF : Normal sound

DISP

a

HONEY
ⓐ   003 ⓑ

↓

-05m12s
ⓒ

↓

MY BEST   111 ⓓ
ⓔ

↓

MODE: SP   003
         ⓕ

↓

① ⓖ
ALARM 0:09   003
         ⓗ

↓

②
01m34s   003
ⓘ

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CHANGING THE DISPLAY English

Press DISPLAY repeatedly during playback. Each time the button is pressed, the display changes in the order as illustrated.
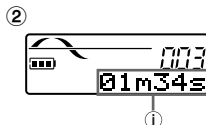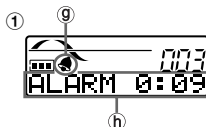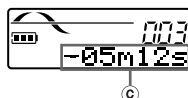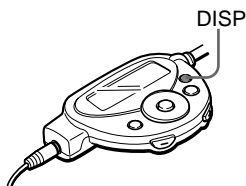
ⓐ Title of current track
ⓑ Number of current track
ⓒ Remaining time of current track
ⓓ Total number of tracks
  During group disc playback, total number of the current group is displayed.
ⓔ Disc name
  During group disc playback, the name of the current group is displayed.
ⓕ Recording method
  SP   : Stereo recording
  LP2   : LP2
  LP4   : LP4
  MONO : Monaural recording
ⓖ Alarm lamp
ⓗ Alarm remaining time
ⓘ Elapsed time of the current track

Notes
• ① appears only when alarm is set.
• The display changes to ② when playback is resumed.
• " ♪ No Title ♪", " ♪ No Name ♪" or " ♪ Group ♪" appears when playing a disc in which no data is registered.

PLAYING BACK A GROUP DISC

About the group settings

When you playback a disc recorded with the group setting, you can search for the desired track more easily.

For example, you can set the group with a recorder that has the group setting function as follows:

Disc title:
MY BEST
The name of group 1:
POPS (from 1st track to 20th track)
The name of group 2:
JAZZ (from 21st track to 40th track)
The name of group 3:
CLASSICS (from 41st track to 60th track)

When you play back a group disc written above with a player that has not have the group playback function, the disc title is displayed as follows, however, this is not a malfunction.

0 ; MY BEST//1-20;POPS//21-40;JAZZ//41-60;CLASSIC//

Note
If you change the disc title with a recorder that does not have the group setting function, the group mode playback may not be performed correctly.

A

MENU/ENTER

```
      003
SETUP?
```

↓

↓

```
      003
AT GROUP?
```

B

ⓐ   ⓑ

```
00m03s
```

ⓒ
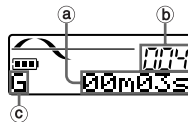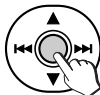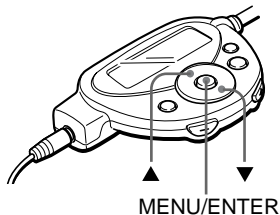
Activating auto group mode playback → **A**

Auto group mode is activated automatically when you load a disc recorded with the group setting.

1 **Press MENU/ENTER.**
2 **Press ▲ /▼ to have "SETUP?" displayed.**
3 **While "SETUP?" is on the display, press MENU/ENTER.**
4 **Press ▲/▼ to have "AT GROUP?" displayed.**
5 **Press MENU/ENTER.**
6 **Press ▲/▼ to have "AT GR ON?" displayed.**
7 **Press MENU/ENTER.**

Playing back in group mode

Press ▶/■ in auto group mode.

Playback starts from the 1st track of the 1st group and playback stops at the end of the 1st group.

Display during group mode playback → **B**

ⓐ elapsed playing time
ⓑ current track number
ⓒ appears during group mode playback

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MENU/ENTER

PLAYING BACK A GROUP DISC English

To select a group to be played back

Set during playback or in stop mode

1 **Press MENU/ENTER.**
2 **Press ▲/▼ to have "GROUP?" displayed.**
3 **While "GROUP?" is on the display, press MENU/ENTER.**
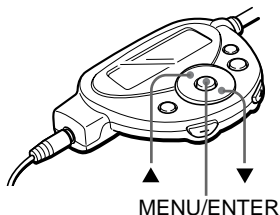4 **Press ▲/▼ to have the desired group name displayed.**
5 **Press MENU/ENTER again to select the group to be played back.**
   Playback starts from the 1st track of the selected group.
   When you select the current group, playback continues from that point.

During group mode playback
• All tracks of the current group are played back repeatedly when all-track repeat play is selected.
• All tracks of the current group are played back in random order when random play is selected.
• Programmed play cannot be performed.
• You cannot play back tracks which do not belong to any group. To play back such tracks, cancel the group mode playback referring to the steps below.

To select and play a desired group
During playback, press ▲/▼ to have the desired group displayed. The unit starts to playback of the 1st track in the selected group.
In stop mode, press ▲/▼ to have the desired group displayed then press MENU/ENTER to start playback from the beginning of the group.

To cancel group mode playback
Press ▲/▼ to have "GROUP OFF?" in step 4. The unit plays back all tracks on the disc in succession.

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▲ ▶◀◀ ▼ ▶▶▶
MENU/ENTER
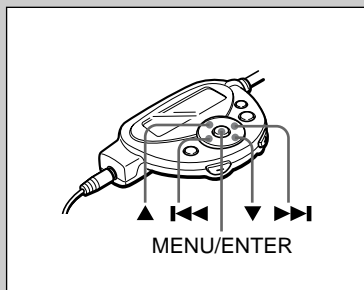
VARIOUS FUNCTIONS English

You can set a variety of functions the unit
provides using MENU/ENTER, ▲/▼, and
▶◀◀/▶▶▶.

1 Press MENU/ENTER.
**2 Press ▲/▼ to have a desired function
   displayed.**
   Each time you press the button, the
   function to be displayed changes as
   follows:

   ↓
   SEARCH?
   (Title search function)
   ↕
   PLAY MODE?
   (Playback mode selection)
   ↕
   GROUP?
   (Group disc playback)
   ↕
   ALARM?
   (Alarm setting)
   ↕
   SETUP?
   (Signal sound function)
   (Ear guard function)
   (Contrast adjustment)
   (Automatic playback)
   (Auto group)
   (Power save)
   ↕
   SENTENCE?
   (Sentence repeat function)
   ↑
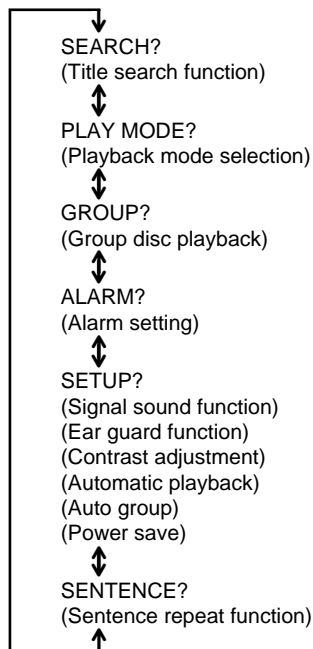
3 Press MENU/ENTER.
4 Press ▲/▼ to set the desired function.
   Follow the instructions of each function.

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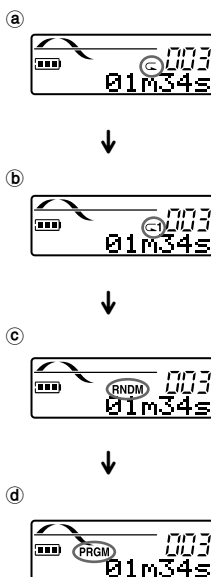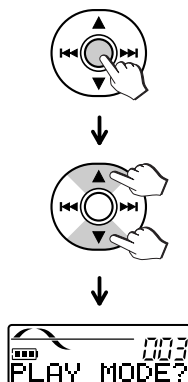
Selecting playback mode

1 While "PLAY MODE?" is on the display, press MENU/ENTER.
"NORMAL?"(Normal play) appears.

2 Press ▲/▼ to have a desired playback mode displayed.
Each time you slide the switch, the playback mode to be displayed changes as follows:

ⓐ **All-repeat play (REPEAT?)**
All tracks are played repeatedly.
↓
ⓑ **One-track repeat play (1 REPEAT?)**
Current track is played repeatedly.
↓
ⓒ **Random play (RANDOM?)**
All tracks are played in random order.
↓
ⓓ **Programmed play (PROGRAM?)**
The programmed tracks are played in programmed order.
To program, see page 32.
↓
Normal play (NORMAL?)

3 Press MENU/ENTER again to confirm the setting.
The display changes to the one as illustrated.

Notes
- The selected playback mode does not change when the power is turned off.
- All tracks of the current group are played back when you select All-repeat play during group mode playback.
- All tracks of the current group are played back in random order when you select Random play during group mode playback.
- You cannot select programmed play during group disc playback.

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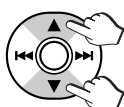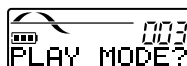
Programmed play

You can memorize up to 25 tracks in a desired order.

1 While "PROGRAM?" is on the display, press MENU/ENTER.
2 Press I◀◀/▶▶I to have a desired track number displayed.
3 Press MENU/ENTER again to register the track.
4 Repeat steps 2 and 3 to register other tracks.
5 Press ▶/■ to start programmed play.
Playback starts accompanied by a beep.

To cancel the program

Follow the steps under "Selecting playback mode": while "NORMAL?" is on the display, press MENU/ENTER so that "PRGM" disappears.

You can also cancel the program by opening the disc holder or removing the battery.

If you attempt to register more than 25 tracks

Programmed play starts as you press MENU/ENTER.

Note
During programmed play, you cannot go back to a previous track by keeping I◀◀ pressed.

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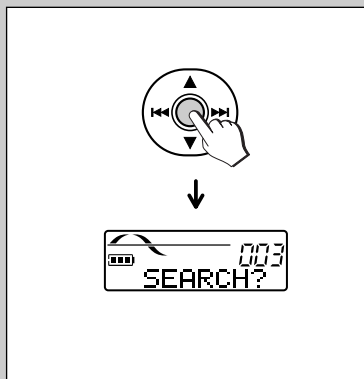
Title search function

You can search for a desired track by the title during playback.

1 While "SEARCH?" is on the display, press MENU/ENTER.

The track number flashes for about 10 seconds.

2 While the track number is flashing, press ▲/▼ to have a desired title displayed.

The title is displayed in following order: space, alphabets(a to z), number(0 to 9), symbols.

During group mode playback, tracks of current group are displayed.

3 Press MENU/ENTER again to start playback.

Notes
- The title search function is not activated during programmed play. If you attempt to activate the title search function during these play modes, "CANNOT" appears.
- If the flashing stops during operation, repeat the procedure from the beginning.
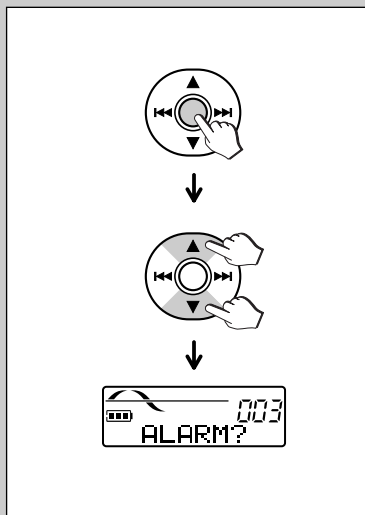
Setting the alarm
You can set the unit to alert you at a specified time.

1 While "ALARM?" is on the display, press MENU/ENTER twice.
  flashes and the remaining time before the alarm sounds appears.

2 While "SET?" is on the display, press MENU/ENTER.
  flashes and a time selection item appears.

3 While   is flashing, press ▲/▼ to have a desired time displayed.
The time is variable between 1 minute and 3 hours.
Each time you slide the switch, the time increases or decreases by 10 minutes. Press and hold the switch to increase or decrease by 1 minute.

4 While   is flashing, press MENU/ENTER again to confirm the time.
  stops flashing and the display changes to the alarm remaining time display.

After the specified time elapses, the unit enters playback pause mode and "It's time!" flashes with beep sounds for 30 seconds. Then the playback resumes.

To stop the alarm
Press any button.

To change the alarm remaining time display
Press DISPLAY repeatedly to select the desired display.
  remains on any display.

To cancel the alarm function
While "ALARM?" is on the display, press MENU/ENTER twice.
  disappears and the alarm setting is cleared.
The alarm setting is also cancelled when you remove the battery.

Note
When the alarm is set and you press ▶/■ to stop playback, the alarm setting is not cancelled and the unit remains on. After the alarm sounds, the unit turns off automatically.

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A

Canceling the beep sound (Signal sound function) → **A**

Beep sounds are heard when you press an operation button. You can cancel this.

1 While "SETUP?" is on the display, press MENU/ENTER.
2 While "BEEP?" is on the display, press MENU/ENTER.
   "BEEP ON?" appears.
3 Press ▲/▼ to have "BEEP OFF?" displayed.
4 Press MENU/ENTER again to confirm the setting.

To resume the beep sound
Display "BEEP ON?" in step 3.

Limiting the maximum volume level (Ear guard function) → **B**

You can set the volume level from 00 to 20. When you set the Ear guard function, the maximum volume will be limited to 12.

1 While "SETUP?" is on the display, press MENU/ENTER.
2 Press ▲/▼ to have "EAR GUARD?" displayed.
3 While "EAR GUARD?" is on the display, press MENU/ENTER.
   "EAR G. OFF?" appears.
4 Press ▲/▼ to have "EAR G. ON?" displayed.
5 Press MENU/ENTER again to confirm the setting.
   If you attempt to set the volume level to more than 12, "EAR GUARD!" appears.

To cancel the Ear guard function
Display "EAR G. OFF?" in step 4.

B

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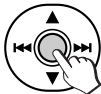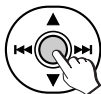
Adjusting the contrast of the display → **A**

You can set the contrast of the display from 000 to 015.

1 **While "SETUP?" is on the display, press MENU/ENTER.**
2 **Press ▲/▼ to have "CONTRAST?" displayed.**
3 **While "CONTRAST?" is on the display, press MENU/ENTER.**
4 **Press ▲/▼ to adjust the contrast.**
5 **Press MENU/ENTER again to confirm the setting.**

Starting playback automatically (Automatic playback function) → **B**

When the disc is inserted, playback starts automatically without pressing ▶/■.

1 **While "SETUP?" is on the display, press MENU/ENTER.**
2 **Press ▲/▼ to have "AUTO PLAY?" displayed.**
3 **While "AUTO PLAY?" is on the display, press MENU/ENTER.**
4 **Press ▲/▼ to have "A.P. ON?" displayed.**
5 **Press MENU/ENTER again to confirm the setting.**

To cancel the automatic playback function

Display "A. P. OFF ?" in step 4.

Extending the playback duration (Power save function)

1 **While "SETUP?" is on the display, press MENU/ENTER.**
2 **Press ▲/▼ to have "P.SAVE?" displayed.**
3 **While "P.SAVE?" is on the display, press MENU/ENTER.**
4 **Press ▲/▼ to have "P.S.ON?" displayed.**
5 **Press MENU/ENTER.**

To cancel the power save function
Display "P.S.OFF?" in step 4.

While the power save function is on, the unit usually displays "POWER SAVE." To change the display, press DISPLAY (see page 20). The selected display remains for 10 minutes, and then returns to "POWER SAVE."

Note
While the power save function is on, there may be some delay during fast-forwarding or rewinding operation.

MENU/ENTER

003
SENTENCE?
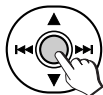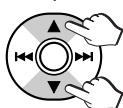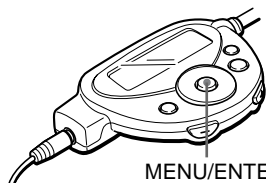
SENTENCE REPEAT FUNCTION   English

A phrase between blank sections longer than 0.5 seconds can be played back repeatedly. This function is recommended when listening to a disc for language practice.

Set during stop mode

1 **Press MENU/ENTER.**
2 **Press ▲/▼ to have "SENTENCE?" displayed.**
3 **Press MENU/ENTER.**
   "MEMORY?" is displayed.
4 **Press ▲/▼ to have a desired function displayed.**
   Each time you press the switch, the function to be displayed changes as follows:

> MEMORY?
> (memorizing the disc)
> ↕
> CLEAR?
> (canceling the memorized disc)
> ↕
> *COUNT?
> (the number of times to be repeated)
> ↕
> *PAUSE?
> (the length of the pause between the repeat playback)
> ↕
> *S.BEEP
> (beep sound between the repeat playback)
> ↕
> *SENS.?
> (the sensitivity of the blank section)
> ↕
> *MODE?
> (repeat playback mode)
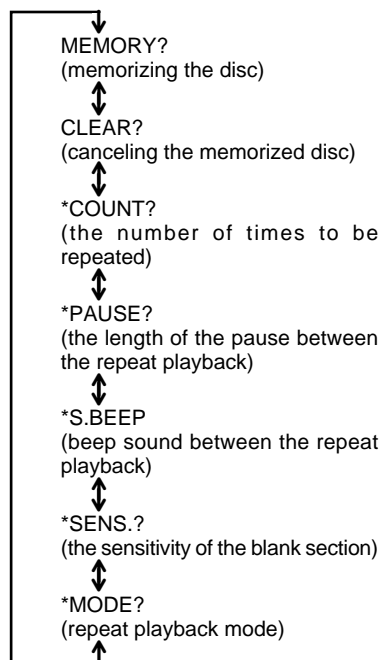
* settings can be selected during sentence repeat playback.

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5 Press MENU/ENTER again to select the desired function.
Follow the instructions under each settings.

Notes
- Sentence repeat function may not work correctly due to the recorded material of disc.
- The power save function cannot be activated during sentence repeat playback.

Memorizing a disc to be played back with the Sentence repeat function

To play back a disc with this function, you need to memorize the disc to the unit.
First, load the disc that you wish to have memorized.

1 Press MENU/ENTER while "MEMORY?" is displayed.
"COMPLETE" is displayed and the disc in the unit is memorized.

Notes
- If "COMPLETE" is not displayed, the disc is not memorized. In this case, open the disc holder once and close it. And after a few seconds, follow the steps from the beginning to memorize the disc.
- The memorized disc is not cancelled even if you turn off the power or open the disc compartment.
- If you memorize another disc, the previous memorized disc is canceled.
- The playback of the memorized disc resumes at the point that playback is stopped after opening the disc compartment.

Canceling the memorized disc to be played back with the Sentence repeat function

1 Press MENU/ENTER while "CLEAR?" is displayed.
"COMPLETE" is displayed and the memorized disc is canceled.

Selecting a repeat playback mode

1 While "MODE?" is on the display, press MENU/ENTER.
2 Press ▲/▼ to have the desired mode displayed.
AUTO?:   Repeats a phrase automatically when a blank section is detected.
MANUAL?: Repeats a phrase when you press ▶/■.
3 Press MENU/ENTER.

Selecting the number of times to be repeated

Phrases can be repeated up to 9 times.

1 While "COUNT?" is displayed, press MENU/ENTER.
2 Press ▲/▼ to have the number of times to be repeated displayed.
3 Press MENU/ENTER.

Setting the length of pauses between each phrase

Pauses can be inserted between each repeated phrase.
You can set the length of the pause between 0 seconds and 9 seconds.

1 While "PAUSE?" is displayed, press MENU/ENTER.
2 Press ▲/▼ to have the desired length of the pause displayed.
3 Press MENU/ENTER.
To cancel the pause, slide to have "PAUSE OFF" displayed in step 2.

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Canceling beep sound between the repeat playback

You can cancel the beep sounds that are heard between the repeated phrases.

1 While "S.BEEP?" is displayed, press MENU/ENTER.
2 Press ▲/▼ to have "BEEP OFF?" displayed.
3 Press MENU/ENTER.

To resume the beep sound

Slide to have "BEEP ON?" in step 2.

Changing the sensitivity for detecting the blank section
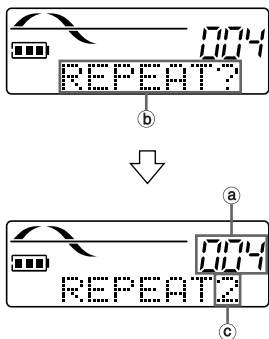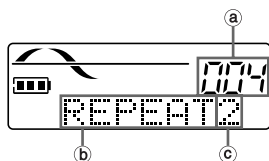
You can select HIGH or LOW sensitivity mode for detecting the blank section.
Selecting LOW is recommended when playing back a disc recorded from a CD.
Selecting HIGH is recommended when playing back a disc recorded from a cassette tape.

1 While "SENS?" is displayed, press MENU/ENTER.
2 Press ▲/▼ to select "SENS. LOW?" or "SENS.HIGH?".
3 Press MENU/ENTER.

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A

ⓐ

REPEAT?

ⓑ   ⓒ

B

REPEAT?

ⓑ

⇩

ⓐ

REPEAT?

ⓒ

Display during Sentence repeat playback

During automatic repeat playback → A

When the unit detects a blank section, the phrase between the next blank section is played back repeatedly.

When the beginning of the phrase is detected, ⓒ starts flashing.

When the end of the phrase is detected, ⓒ stops flashing.

ⓐ current track number

ⓑ appears during playback of memorized disc

ⓒ remaining times to be repeated

During manual repeat playback → B

When ▶/■ is pressed during playback of a memorized disc, the display changes as illustrated and repeat playback starts.

When the beginning of the phrase is detected, ⓒ starts flashing.

When the end of the phrase is detected, ⓐ stops flashing.

To repeat the current phrase again during manual repeat playback, press ▶/■.

Searching for the beginning of a track during Sentence repeat playback

When "?" is displayed or ⓒ is flashing

• Pressing ◄◄ resumes playback at the beginning of the currently repeated phrase.

• Pressing ►► begins playback at the beginning of the next track number.

When ⓒ is displayed

• Pressing ◄◄ resumes playback at the beginning of the currently repeated phrase.

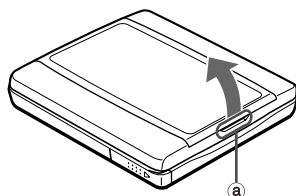• Pressing ►► begins playback at the beginning of the next phrase.

Searching for a desired passage during Sentence repeat playback

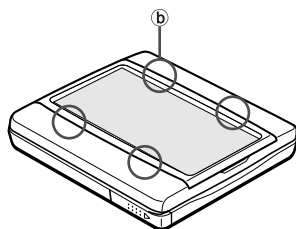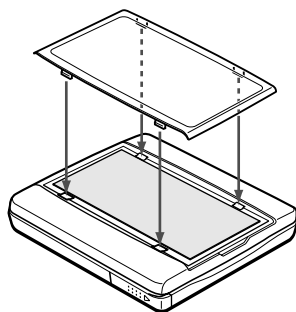When you keep ◄◄ or ►► pressed and release, repeat playback starts at that point.

To stop playback

Keep ►/■ pressed for 1 second.

1

ⓐ

2

ⓑ

ADDITIONAL INFORMATION English

Using the picture holder

You can display your favorite photo, etc. in the picture holder.

1 Hook your finger on the slit ⓐ, and then lift it to remove the cover in the direction of the arrow.

2 Set a picture into the holder, and then replace the cover.

Be sure to press the cover at the four claws ⓑ against the main unit until they are locked securely.

Notes
- Allowable size of the picture is 72 (w) × 45 (d) mm or less, and thickness of an ordinary photo print paper is acceptable. Do not set a picture larger or thicker than the above into the holder.
- The claws will not be locked if they are not aligned with the corresponding holes on the main unit. In such a case, do not force to press the cover so as not to damage the cover and the main unit.

MD GUIDE MESSAGES `English`

BLANK DISC
• Nothing is recorded on the disc.

DISC ERROR
• The disc is damaged by scratches.
• The TOC (Table of contents) data is not registered correctly.

EAR GUARD !
• You cannot increase the volume because of the EAR GUARD function.

HOLD
• The HOLD switch is set to HOLD position.

NO DISC
• No disc is inside the unit.

LOW BATT
• The battery is almost drained.

OPEN
• The disc holder is not closed.

It's time !
• The time set for the alarm has been reached.
• The selected playback mode or function is not activated.

CANNOT !
• The selected playback mode or function is not valid.

Can't PLAY
• You tried to start playback with the unit set on the charging stand.

NO GROUP
• You tried to start playback with one of the group function on a disc recorded with the group setting.

NO BATTERY
• You put the main unit onto the charging stand without the rechargeable battery loaded on the main unit.

HIGH VOLT
• You connected an AC charger other than the supplied one to the charging stand.

TROUBLESHOOTING English
GUIDE

If the unit fails to perform as described in these Operating Instructions, check the following guide.

Power does not turn on.
• Load the battery correctly.
• Connect the AC adaptor correctly.
• Recharge the rechargeable battery.

Operation does not start.
• Close the disc holder completely.
• Load a disc.
• Release the HOLD switch.
• Connect the remote control completely.
• Remove the battery and leave the unit for about 30 seconds.
  Then, load the battery and try playback again.
• Remove the main unit from the charging stand.

The sound is noisy.
• If the unit is close to a magnetic object, keep the unit further away from it.

Sound mutes.
• Place the unit on a stable surface with no vibration.

Sound cannot be heard from the headphones.
• Connect the headphones firmly.

Wrong or no display appears on the remote control.
• Connect the remote control firmly.

SPECIFICATIONS

Main unit
Playback system
MiniDisc digital audio system
Encoding methods
ATRAC, ATRAC 3 LP2,
ATRAC 3 LP4
Laser pickup
Semiconductor laser
Sampling Frequency
44.1 kHz
Number of channels
Stereo: 2 channels
Monaural: 1 channel
D/A converter
1-bit
Frequency response
20 – 20,000 Hz ±4 dB
20 – 20,000 Hz ±1 dB (10 kΩ)
Wow and Flutter
Below measurable limit
(±0.001% W.PEAK)
Output Ω jack
Maximum output level
3.8 mW + 3.8 mW (32 ohms)
Power requirements
DC 1.2 V using the supplied Ni-Cd
rechargeable battery
AC house current using the supplied AC
adaptor and charging stand
Battery life
POWER SAVE switch set to ON

(approx. hours)

	SP	LP2	LP4
Rechargeable battery	14	23	28

Maximum outside dimensions
Approx. 81.3 (W) × 75.8 (H) ×
17.8 (D) mm (excluding
projecting parts and controls)
Weight Approx. 97 g, including a
rechargeable battery

<AC adaptor AC-D401 K>
Rated voltage
AC 230 V, 50 Hz

• The specifications and external
appearance of this unit are subject to
change without notice.
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Dolby Laboratories Licensing Corporation.

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