

Operating Instructions Portable CD Player

Model No.
SL-SX475
SL-SX480

Dear Customer

Thank you for purchasing this product.
Before connecting, operating or adjusting this product, please read the instructions completely.
Please keep this manual for future reference.



Note:

“EB” on the packaging indicates the United Kingdom.



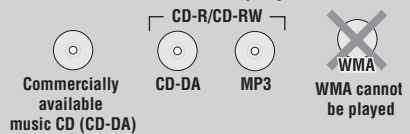
HOLD (Function lock)

The hold function stops the buttons from being operated. By keeping the hold function on, you can stop the power from being switched on, play from being stopped and other operations from being done by mistake.

Resume function

Play resumes from where last stopped. [The resume function is canceled if you open the lid while stopped (while the power is ON). The resume function is also canceled when the disc is changed.]

Discs that can be played



RQT8475-B
F1105SZ0

Matsushita Electric Industrial Co., Ltd.

Web Site: <http://www.panasonic.co.jp/global/>

Troubleshooting guide

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the solutions indicated in the chart do not solve the problem, consult your dealer for instructions.

<p>No play.</p>	<ul style="list-style-type: none"> • HOLD is on, stopping buttons from being operated. Cancel HOLD (⇒ page 5). • The batteries may be drained (⇒ page 4). • The disc isn't correctly set. • The disc is scratched or dirty. (Tracks may be skipped particularly with MP3 discs.) • There is moisture on the lens. Wait for about an hour and then try again. • The lens is dirty: clean it with a blower (recommended product: SZP1038C). You cannot use a CD type lens cleaner. If the lens gets marked with fingerprints, gently wipe them off with a cotton swab. • Remove the plug and reinsert it as fully as possible. • The unit may not read a track properly if shaken strongly during disc reading. • If there is no data between sessions on a multi-session disc, play may not be possible. • If there is a large amount of JPEG data etc. within a MP3 file, sound may be muted and play may not be possible. • If the disc contains data with different formats, sound may be muted and play may not be possible. • If a CD-ROM format disc contains MP3 and other files, only the MP3 files will be playable. 	<p>Cannot search through tracks.</p>	<p>You cannot search through a disc with MP3 files.</p>
<p>No sound or there is a lot of noise.</p>	<ul style="list-style-type: none"> • Ensure the plugs are inserted firmly. • Wipe the plugs with a clean cloth. • The disc is scratched or dirty. • Sound may be interrupted or noise may occur if the recording quality of the disc (CD-R/CD-RW) is poor. • The elapsed playing time disappears and sound is interrupted if bumps continue repeatedly. 	<p>Cannot specify point A or B.</p>	<p>You may not be able to specify point A or B at the end of a disc.</p>
<p>Disc rotation stops and starts during play.</p>	<p>Disc rotation stops and starts to save power.</p>	<p>Cannot change the Digital Re-master mode, anti-skip mode.</p>	<p>If [◀◀] or [▶▶] is pressed before [MEMO] you cannot change the mode.</p>
<p>Operation sounds are heard from the unit.</p>	<p>There is some sound heard when a disc is being accessed or disc rotation starts.</p>	<p>Digital Re-master does not work.</p>	<p>Depending on the type of MP3 disc recording, the effect may not appear.</p>
<p>Play doesn't resume from the last point stopped.</p>	<ul style="list-style-type: none"> • This doesn't work during random play. • It may not work correctly under some conditions. 	<p>Cannot skip albums.</p>	<p>You cannot skip from the last to first album, or vice versa, during play.</p>
<p>Play doesn't start from the first track.</p>	<ul style="list-style-type: none"> • Random play modes may be on (⇒ page 6). • The resume function (⇒ above) is operating. The resume function is canceled if you open the lid while stopped (while the power is ON). 	<p>Cannot recharge.</p>	<ul style="list-style-type: none"> • Use the specified Ni-Cd rechargeable batteries (Europe: P-3GAVE/2B Other areas: P-3GAVT/2B). • You must insert two batteries before you can recharge. • The unit must be off before you can recharge.
<p>The battery indicator fails to appear or is incorrect.</p>	<p></p>	<p>The AC adaptor becomes warm during recharging.</p>	<p>This is normal.</p>
<p>The unit stops working.</p>	<p></p>	<p>The batteries are taking a long time to recharge.</p>	<p>The batteries may take as long as 6 hours to recharge under some conditions.</p>
<p>Power cuts off.</p>	<p></p>	<p>Play time is short after recharging.</p>	<ul style="list-style-type: none"> • The batteries are drained if you leave the AC adaptor connected after recharging is complete (⇒ page 4). • If play is extremely short even after fully recharging the batteries, the batteries may have exceeded their life. (Rechargeable batteries can be recharged approximately 300 times.) Please purchase new Ni-Cd rechargeable batteries (Europe: P-3GAVE/2B Other areas: P-3GAVT/2B). • This may occur the first time you charge the batteries or if you haven't used them for a long time. Play time should be restored after a few recharges.
		<p>The unit stops working.</p>	<p>Disconnect then reconnect all power sources (batteries and AC adaptor).</p>
		<p>Power cuts off.</p>	<p>If you connect or disconnect the AC adaptor, the power cuts off even if batteries are inserted.</p>

Display

hold	HOLD is on, stopping buttons from being operated. Cancel HOLD (⇨page 5).
no disc	<ul style="list-style-type: none"> You haven't inserted a disc or it isn't inserted correctly. You have inserted a disc this unit cannot play.
OPEN	The disc lid is open.
F	The program already contains 20 tracks.
3	Reading MP3 files.

-If you see this symbol-



Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Caution

- Do not expose the unit to direct sunlight or heat, such as from heating appliances, as these can damage the unit.
- Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

Batteries

- Do not peel off the covering on batteries and do not use if the covering has been peeled off.
- Align the poles + and - correctly when inserting the batteries.
- Do not mix different types of batteries or old and new batteries.
- Remove the batteries if you do not intend to use the unit for a long time.
- Do not throw into fire, short-circuit, disassemble, or subject to excessive heat.
- Do not attempt to recharge dry cell batteries.
- When carrying batteries in a pocket or bag, ensure no metal objects such as necklaces are placed together with them. Contact with metal may cause short-circuiting which can cause a fire.

Listening

- Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

CDs

- Do not use irregularly shaped CDs.
- Do not use non-specification CDs.
- Do not use CDs printed with label printers available on the market.
- Do not use CDs with labels and stickers that are coming off or with adhesive exuding from under labels and stickers.

Maintenance

If the surfaces are dirty wipe with a soft, dry cloth.

Never use alcohol, paint thinner or benzine to clean this unit.

- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Specifications

Play time

Using on a flat stable surface at 25 °C, EQ is off, Hold is on, Anti-skip is on POS 1 (CD-DA), recommended bit rate (MP3: 128 kbps), and the Digital Re-master is off (MP3). Play times are in hours and approximate.

- The play time may be less depending on the operating conditions.
- Play time will be considerably reduced when playing CD-RW.

Recharging time

About 3 to 4 hours

Audio (CD-DA)

Sampling frequency: 44.1 kHz

No. of channels:

2 (left and right, stereo)

Frequency response:

20 Hz to 20,000 Hz
(+0 dB to -3.6 dB)

Headphone output level:

RMS max. 8 mW+8 mW/
16 Ω (adjustable)

Pickup

Light source:

Semiconductor laser

Wavelength: 795 nm

(NORSK)

Bølgelengde 795 nm

Laserstyrke

Ingen farlig stråling sendes ut
(med sikkerhets-beskyttelse)

MP3

Supported bit rates

(Supports variable bit rates):

32 kbps to 320 kbps

(128 kbps is recommended)

Supported sampling frequency:

48 kHz/44.1 kHz/32 kHz

Maximum number of items

(total no. of albums and tracks):

999

(total no. of albums):

500

Maximum album levels:

100

General

SL-SX475

Power supply:

DC input

(via AC adaptor, not included):

DC 4.5 V

SL-SX480

Power supply:

DC input

(via included AC adaptor):

DC 4.5 V 2

Batteries used	MP3	CD-DA
2 alkaline batteries (LR6)	75	33
2 optional rechargeable batteries* (Europe: P-3GAVE/2B Other areas: P-3GAVT/2B)	33	15

* When fully recharged.

AC adaptor input:

(Continental Europe)

AC 220 to 230 V 50/60 Hz

(Australia and N.Z.)

AC 230 to 240 V 50 Hz

(Other areas)

AC 110 to 127 V/220 to 240 V

50/60 Hz

Power consumption:

Using AC adaptor

(MP3/CD-DA):

(Australia and N.Z.)

1.8 W/1.8 W

(Other areas)

1.4 W/1.2 W

Recharging:

(Australia and N.Z.)

4.4 W

(Other areas)

3.6 W

Dimensions (W×H×D):

138.6 mm×24.4 mm×138.6 mm

Mass:

209 g (with batteries)

162 g (without batteries)

Operational temperature range:

0 °C to 40 °C

Rechargeable temperature range:

5 °C to 40 °C

AC adaptor standby power consumption:

(Australia and N.Z.)

0.9 W

(Other areas)

0.3 W

Note:

Specifications are subject to change without notice.

Mass and dimensions are approximate.

CAUTION!

- DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.
- DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
- DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
- DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.

CAUTION!

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

Marking sign is located on bottom of the unit.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.

MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia.

For Europe, Australia and N.Z.:

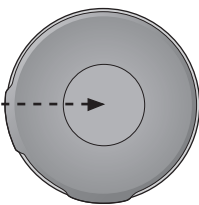
THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

For other areas:

THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.



LUOKAN 1 LASERLAITE KLASS 1 LASER APPARAT



(Bottom of product)

ADVARSEL-UVISYNLIG LASERSTRÅLING
VED ÅBNING. NÅR SIKKERHEDSAFBR-
YDERE ER UDE AF FUNKTION.
UNDGÅ UNSIKTELSE FOR STRÅLING.
VORSICHT-UNSICHTBARE LASERSTR-
ÅHLING. WENN ABSCHÜSSUNG GEFFRIERT
UND SICHERHEITSVERREGELUNG
ÜBERBRÜCKT, NICHT DEM STRAHL
AUSSETZEN.
DANGER-INVISIBLE LASER RADIAT-
ION WHEN OPEN AND INTERLOCK
DEFEATED. AVOID DIRECT EXPOSURE
TO BEAM.
ROL50244

VARO! AVATTAESSA JA SUOJALU-
KITIUS OHJETTAESSA OLET
ALTTINA NÄKYMATÖNTÄ
LASERSÄTEILYLLE.
ÄLÄ KATSO SÄTEESEEN!
VARNING-ÖSYNLIG LASERSTRÅL-
NING NÅR DENNA DEL ÅR ÖPPNAD
OCH SPÄRREN ÅR URKÖPPLAD.
BETRÄKTA EJ STRÅLEN.
ADVARSEL-UVISYNLIG LASERSTRÅL-
NING NÅR DEKSEL ÅPNES OG
SIKKERHEDSLÅS BRYTES. UNNGÅ
EKSPONERING FOR STRÅLEN.
A pleine puissance, l'écoute prolongée du baladeur
peut endommager l'oreille de l'utilisateur.

(Inside of product)
(Produktets innsida)
(Tuotteen sisällä)

NORSK

ADVARSEL!

- APPARATET MÅ IKKE PLOSSERES I EN BOKHYLLE, ET INNEBYGGET KABINETT ELLER ET ANNET LUKKET STED HVOR VENTILASJONSFORHOLDENE ER UTILSTREKKELIGE. SØRG FOR AT GARDINER ELLER LIGNENDE IKKE FORVERRER VENTILASJONSFORHOLDENE, SÅ RISIKO FOR ELEKTRISK SJOKK ELLER BRANN FORÅRSAKET AV OVERHETING UNNGÅS.
- APPARATETS VENTILASJONSÅPNINGER MÅ IKKE DEKSES TIL MED AVISER, BORDDUKER, GARDINER OG LIGNENDE.
- PLOSSER IKKE ÅPEN ILD, SLIK SOM LEVENDE LYS, OPPÅ APPARATET.
- BRUKTE BATTERIER MÅ KASSERES UTEN FARE FOR MILJØET.

ADVARSEL!

DETTE PRODUKTET ANVENDER EN LASER. BETJENING AV KONTROLLER, JUSTERINGER ELLER ANDRE INNGREP ENN DE SOM ER BESKREVET I DENNE BRUKSANVISNING, KAN FØRE TIL FARLIG BESTRÅLING. DEKSLER MÅ IKKE ÅPNES, OG FØRSØK ALDRI Å REPARERE APPARATET PÅ EGENHÅND. ALT SERVICE OG REPARASJONSARBEID MÅ UTFØRES AV KVALIFISERT PERSONELL.

ADVARSEL:

FOR Å REDUSERE FAREN FOR BRANN, ELEKTRISK STØT ELLER SKADER PÅ PRODUKTET, MÅ DETTE APPARATET IKKE UTSETTES FOR REGN, FUKTIGHET, VANNDRÅPER ELLER VANNSPRUT. DET MÅ HELLER IKKE PLOSSERES GJENSTANDER FYLT MED VANN, SLIK SOM BLOMSTERVASER, OPPÅ APPARATET.

DETTE APPARATET ER BEREGNET TIL BRUK UNDER MODERATE KLIMAFORHOLD.

Utstyret bør plasseres i nærheten av AC-stikkkontakten, og støpslet må være lett tilgjengelig hvis det skulle oppstå problemer.

SUOMI

VAROITUS!

- ÄLÄ ASENNATA TAI LAITTA TÄTÄ LAITETTA KABINETTITYYPPISEEN KIRJAKAAPPIIN TAI MUUHUN SULJETTUUN TILAAN, JOTTA TUULETUS ONNISTUISI. VARMISTA, ETTÄ VERHO TAI MIKÄÄN MUU MATERIAALI EI HUONONNA TUULETUSTA, JOTTA VÄLTETTÄISIIN YLIKUUMENEMISESTÄ JOHTUVA SÄHKÖISKU- TAI TULIPALOVAARA.
- ÄLÄ PEITÄ LAITTEEN TUULETUSAUKOJA SANOMALEHDellä, PÖYTÄLIINALLA, VERHOLLA TAI MUULLA VASTAAVALLA ESINEELLÄ.
- ÄLÄ ASETA PALAVAA KYNTTILÄÄ TAI MUUTA AVOTULEN LÄHDETTÄ LAITTEEN PÄÄLLE.
- HÄVITÄ PARISTOT LUONTOA VAHINGOITAMATTOMALLA TAVALLA.

VAROITUS!

LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAÄ ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

VAROITUS:

TULIPALO-, SÄHKÖISKUVAARAN TAI TUOTETTA KOHTAAVAN MUUN VAHINGON VÄHENTÄMISEKSI EI LAITETTA SAA ALTISTAA SATEELLE, KOSTEUDELLE, VESIPISAROILLE TAI ROISKEELLE, EIKÄ NESTETTÄ SISÄLTÄVIÄ ESINEITÄ, KUTEN ESIMERKIKSI MALJAKOITA, SAA ASETTAA LAITTEEN PÄÄLLE.

TÄMÄ LAITE ON TARKOITETTU KÄYTETTÄVÄKSI LEUDOSSA ILMASTOSSA.

Laite tulee asettaa lähelle verkkopistorasiaa ja pistokkeen täytyy olla sellaisessa asennossa, että siihen on helppo tarttua ongelman sattuessa.

Supplied Accessories

Check the packing carton for these accessories.

Use product numbers indicated when asking for replacement parts. (Product numbers correct as of November 2005. These may be subject to change.)

SL-SX475

- **1 Pair of stereo earphones:** LOBAB0000182

SL-SX480

- **1 Pair of stereo earphones:** LOBAB0000182

• **1 AC adaptor:**

Continental Europe: RFEA431E-2S

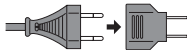
Australia and N.Z.: RFEA446A-S

Other areas: RFEA444Z-1S

For areas except Europe, Australia and N.Z.:

- **1 Power plug adaptor:** K2DA42E00001

If the power plug will not fit your socket, use the power plug adaptor.



For the United Kingdom and Republic of Ireland

■ Sales and Support Information

Customer Care Centre

- For customers within the UK: 08705 357357
- For customers within the Republic of Ireland: 01 289 8333
- Visit our website for product information
- E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday – Thursday 9:00am – 5:30pm, Friday 9:30am – 5:30pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.panasonic.co.uk.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products, take a browse on our website for further details.

Power supply

Play time ⇨ page 2, Specifications

- To save power when the unit is not to be used for a long time, unplug the AC adaptor from the household mains socket.
- The batteries are drained if you leave the AC adaptor connected after recharging is complete. When finished recharging, unplug the AC adaptor from the unit.
- **AC adaptor standby power consumption:** (Australia and N.Z.) **0.9 W** (Other areas) **0.3 W**
- The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.

Using the rechargeable batteries (not included)

Charge the batteries first!

As a safety precaution this unit is constructed so it is not possible to charge ordinary batteries. For details, check with your dealer.

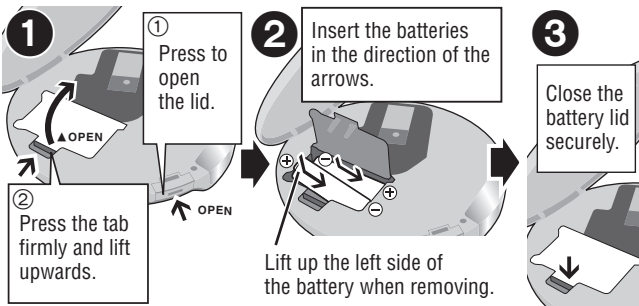
When recharging, use only the following Panasonic Ni-Cd rechargeable batteries.

Europe: **P-3GAVE/2B** (set of 2)

Other areas: **P-3GAVT/2B** (set of 2)



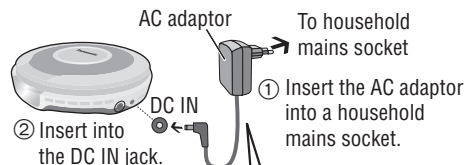
You cannot charge any other type of rechargeable/dry cell batteries.



- The configuration of the AC adaptor differs according to the area.
- The battery indicator " " scrolls while recharging and disappears when finished.
- You can recharge the batteries before they are fully discharged.
- Fit the battery lid so it is secure and flush with the battery compartment. If it comes loose, it may scratch your discs.
- Remove the rechargeable batteries from the unit if they are not used for a long time.

4 Recharge the batteries.

Turn the unit off before recharging (⇨page 5).



SL-SX475 Be sure to purchase the optional AC adaptor.
The United Kingdom: **RFEA435B-2S**
Continental Europe: **RFEA431E-2S**

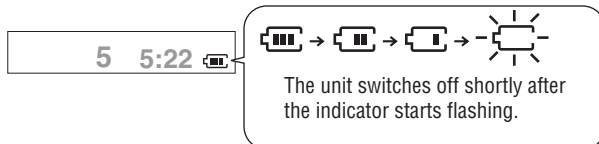
Recharging takes approx. 3 to 4 hours (a maximum of approx. 6 hours).
Rechargeable batteries can be recharged approximately 300 times.

Dry cell batteries (not included)

After disconnecting the AC adaptor, insert two "LR6, AA" alkaline batteries.

Insert in the same way as the rechargeable batteries (⇨above).

The battery indicator (This indicator appears when the unit is on.)



- Before playing starts the battery indicator level may temporarily go down or flash although the batteries are not drained. It appears correctly once you start play.

AC adaptor

The unit will also work when using the AC adaptor only.
Connect the AC adaptor (⇨above).

For the United Kingdom and Continental Europe:

Notice about the rechargeable battery

The battery is designated recyclable.
Please follow your local recycling regulations.

Norsk

Merknad vedrørende det oppladbare batteriet

Batteriet er resirkulerbart.

Vennligst følg det lokale regelverket for resirkulering.

Suomi

Huomautus ladattavasta paristosta

Paristo määritellään kierrätykseen sopivaksi.

4 Ole hyvä ja noudata asuinpaikkasi kierrätysääntöjä.

Listening to CDs (Basic play)

MP3 and CD-DA indicate limitations on these discs only.

1 **Press to open the disc lid.**
 Make sure that the battery lid is securely closed.

2 **Insert a disc and close the disc lid.**
 Removing a disc

3 **Slide to cancel HOLD.**
 HOLD
 ←cancel

4 **Press to start playing a disc.**
 (The power switches on and play starts.)
 Current track number: 1
 Elapsed play time of track: 0:01
 MP3 Lights while playing MP3

5 **Press to control the volume. (0 to 25)**
 (VOL-: Decrease VOL+: Increase)

Insert the plug fully*.
 ※ If the plug is not fully inserted, the sound may be interrupted.

Long cord to the right

Pause

Press.

- Press again to restart play.

Stop

Press.

CD-DA 11 51:52
 Number of tracks Total play time

MP3 ALBUM 6 -- 25
 Number of albums Number of tracks

Turn off

While stopped, press.

(Everything disappears from the display.)

- If the unit is left in stop mode for approximately 10 minutes, it turns itself off automatically.

Skip

(backward) (forward) **Press.**

- Press [] twice consecutively to skip to the beginning of the previous track while playing.
- You cannot use [] to skip to any previous tracks during random and random repeat play modes (⇒ page 6).

Search **CD-DA**

(backward) (forward) **While playing, press and hold.**

- You can only search within the current track except for during all track repeat (⇒ page 6) and regular play.

Album skip **MP3**

(backward) (forward) **Until the album you want appears, press and hold.**

ALBUM 3 - 10
 Album number Number of tracks in the album

Note on CD-R and CD-RW

For CD-DA format, use a music disc and finalize* it after recording. The unit may not be able to play some discs due to the condition of the recording.
 ※A process performed after recording that enables CD-R/CD-RW players to play audio CD-R and CD-RW.

Playing MP3

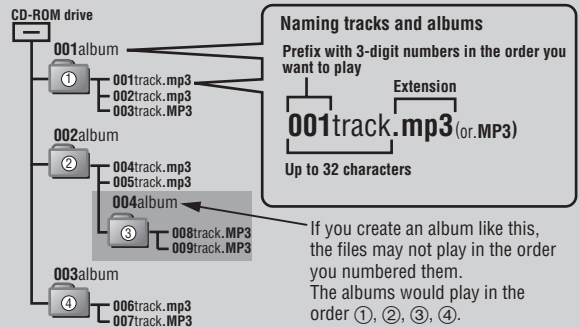
MP3: A method of compressing data with little loss to the original sound quality.

Unit limitations

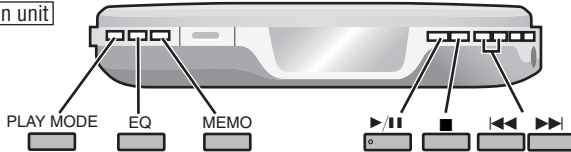
- This unit is compatible with multi-session discs but if there are a lot of sessions it takes more time for play to start. Keep the number of sessions to a minimum to avoid this.
- This unit cannot play files recorded using packet write.
- Depending on how you create MP3 files, they may not play in the order you numbered them or may not play at all.
- You cannot play WMA files.

When creating MP3 files to play on this unit

Disc formats: ISO9660 level 1 and level 2 (except for extended formats)

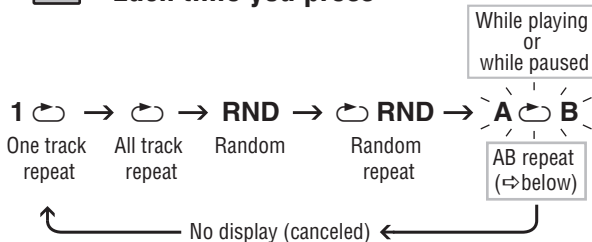


Side of the main unit



Changing the play mode

PLAY MODE Each time you press



MP3 You cannot select "RND" and "A B" with MP3.

■ Specifying the AB segment

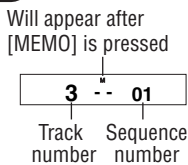
- MEMO** Press to specify the start point (A). **A B**
- MEMO** Press once more to specify the end point (B). **A B**
- Stop or skip (⇒page 5) to cancel.
 - If you do not specify point B this will automatically be set as the end of the disc. Repeat begins when this point is reached. You can also specify point B again by pressing [MEMO].

Playing desired tracks only (Program play)

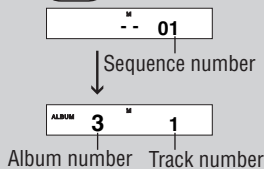
1 (backward) [] (forward) [] While stopped, use [] or [] to select the track number.

2 **MEMO** Press to enter.

CD-DA



MP3



3 Repeat steps **1** to **2** to program up to 20 tracks.

4 **PLAY MODE** Press to play.

Confirm tracks selected: While playing, press [MEMO].
Cancel: Press []. ("M" disappears.)

Playing only the tracks in a selected album (Album mode) **MP3**

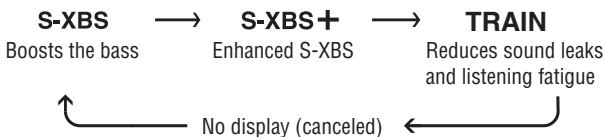
PLAY MODE Each time you press and hold

ALBUM MODE ↔ No display (canceled)
(Only tracks on the desired album are played)

- To select another album (⇒page 5, Album skip)
- You cannot select album mode during program play (⇒above).

Changing the sound quality

EQ Each time you press

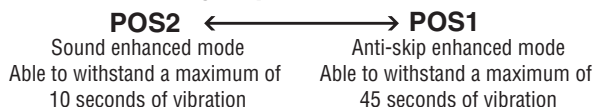


- The effect may differ with different kinds of music.
- Depending on the recording conditions, sound may be interrupted when switching between EQ settings.

Changing the anti-skip mode **CD-DA**

The anti-skip function (ANTI-SKIP SYSTEM) reduces or eliminates skipping caused by vibration. You can change the anti-skip memory time.

MEMO While stopped, each time you press and hold



MP3 You cannot change the memory time for MP3. It is a maximum of 100 seconds for MP3 recorded at 128 kbps.

Enjoying more natural sound (Digital Re-master) **MP3**

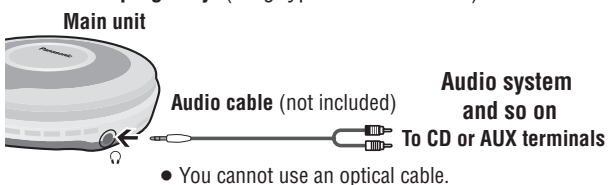
You can regenerate signal frequency lost during compression, restoring the sound to near pre-compression form.

MEMO While stopped, each time you press and hold



Connecting to other equipment

Turn off this unit and the other equipment before connection. Insert each plug fully. (Plug type: 3.5 mm stereo)



When connecting the unit to other equipment, set the volume level between 10 to 15, then use the volume control on the other equipment to adjust the volume.