

# Panasonic®

# SL-CT710

Portable CD player  
Operating Instructions



## Dear Customer

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

### Note:

- "EB" on the packaging indicates the United Kingdom.
- Actual lid design may differ but functions and operations are the same.

EB EG GN GK GH GC SG En

Matsushita Electric Industrial Co., Ltd.  
Web Site: <http://www.panasonic.co.jp/global/>

COMPACT  
disc  
DIGITAL AUDIO

RQT7192-B  
F0903KN0

## Troubleshooting guide

Before requesting service, make the below checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, consult your dealer for instructions. *(The information in Italics applies only to areas other than Europe, Australia and N.Z.)*

<p><b>No play.</b></p>	<ul style="list-style-type: none"> <li>● The HOLD function is on (⇄page 4).</li> <li>● The batteries may have run empty (⇄page 5). (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.)</li> <li>● The disc isn't correctly set.</li> <li>● The disc is scratched or dirty. (Tracks skipped.)</li> <li>● There is moisture on the lens. Wait for about an hour and then try again.</li> <li>● The lens is dirty: clean it with a blower (recommended product: SZP1038C). If the lens gets marked with fingerprints, gently wipe them off with a cotton swab.</li> <li>● The unit may not read MP3 correctly if it is shaken while it is reading the files.</li> <li>● Play of a multi-session disc may not be possible if there is a blank data segment between sessions.</li> <li>● If there is large JPEG data etc. within a MP3 file, sound may become muted and play may not be possible.</li> <li>● If you try playing a CD that contains CD-ROM format data and normal audio data (CD-DA), output from one of the above may become silent, and play may not be possible.</li> </ul>	<p><b>Cannot change the Digital Re-master mode.</b></p>	<ul style="list-style-type: none"> <li>● The mode cannot be changed when selecting a track while stopped.</li> </ul>
<p><b>No sound or there is a lot of noise.</b></p>	<ul style="list-style-type: none"> <li>● Ensure the plugs are inserted firmly.</li> <li>● Wipe the plugs clean with a clean cloth.</li> <li>● Noise may occur when playing MP3 if recording quality is poor.</li> <li>● The elapsed playing time disappears and sound is interrupted if bumps continue repeatedly.</li> <li>● <i>There is no sound from the earphones if you have connected the unit to other equipment.</i></li> </ul>	<p><b>Cannot specify the AB segment.</b></p>	<ul style="list-style-type: none"> <li>● You may not be able to specify segment A or B at the end of disc.</li> </ul>
<p><b>Play doesn't resume from the last point stopped.</b></p>	<ul style="list-style-type: none"> <li>● This doesn't work if you change discs.</li> <li>● This doesn't work during random play.</li> <li>● It may not work correctly under some conditions.</li> </ul>	<p><b>Digital Re-master does not work.</b></p>	<ul style="list-style-type: none"> <li>● Depending on the type of MP3 disc recording, the effect may not appear.</li> </ul>
<p><b>Play doesn't start from the first track.</b></p>	<ul style="list-style-type: none"> <li>● Random play modes may be on (⇄page 6).</li> <li>● Play resumes from the last point stopped.</li> </ul>	<p><b>Cannot skip albums.</b></p>	<ul style="list-style-type: none"> <li>● You cannot skip between the first and last albums during play.</li> </ul>
<p><b>Cannot search through tracks.</b></p>	<ul style="list-style-type: none"> <li>● You cannot search through MP3 files.</li> </ul>	<p><b>Cannot hear the remote control's operation tone.</b></p>	<ul style="list-style-type: none"> <li>● The operation tone may be off (⇄page 6).</li> </ul>
		<p><b>The remote control does not work properly.</b></p>	<ul style="list-style-type: none"> <li>● Use only the included remote control to operate this unit.</li> </ul>
		<p><b>The unit beeps rapidly.</b></p>	<ul style="list-style-type: none"> <li>● <i>The operation is not possible. You cannot adjust the volume, sound quality or anti-skip system if you have connected the unit to other equipment. Adjust them on the other equipment.</i></li> </ul>
		<p><b>Cannot recharge.</b></p>	<ul style="list-style-type: none"> <li>● You aren't using the special rechargeable batteries.</li> <li>● You must insert two batteries before you can recharge them.</li> <li>● The unit must be off before you can recharge.</li> </ul>
		<p><b>The AC adaptor becomes warm during recharging.</b></p>	<ul style="list-style-type: none"> <li>● This is normal.</li> </ul>
		<p><b>The batteries are taking a long time to recharge.</b></p>	<ul style="list-style-type: none"> <li>● The batteries may take a maximum of 6 hours to recharge under some conditions.</li> </ul>
		<p><b>Play time is short after recharging.</b></p>	<ul style="list-style-type: none"> <li>● This may occur after the first time you recharge the batteries or haven't used them for a long time. Play time should be restored after a few recharges.</li> <li>● The batteries can go flat if you leave the AC adaptor connected after recharging is complete.</li> </ul>
		<p><b>The battery indicator fails to appear or is incorrect.</b></p>	<ul style="list-style-type: none"> <li>● The indicator does not appear when the AC adaptor is connected.</li> <li>● The indicator does not appear correctly under some conditions.</li> </ul>
		<p><b>The unit stops working.</b></p>	<ul style="list-style-type: none"> <li>● Disconnect then reconnect all power sources (batteries and AC adaptor).</li> </ul>

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## Displays

<b>HOLD</b>	●The HOLD function is on (⇄page 4).
<b>NODISC</b>	●You haven't inserted a disc or it isn't inserted correctly. ●You have inserted a disc this unit cannot play.
<b>OPEN</b>	●The disc lid is open.
<b>CHARGE</b>	●The batteries are recharging. Recharging is complete when this disappears.
<b>F</b>	●The program already contains 20 tracks.
<b>&gt;</b>	●Reading MP3 files.
<b>---</b>	●This indicates an error. You cannot adjust the volume, sound quality, or anti-skip system if you have connected the unit to other equipment. Adjust them on the other equipment.

## Maintenance

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

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

## 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. For safety, carry the rechargeable batteries in the battery carrying case.

### 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 discs.
- 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.

## Specifications

### Audio (CD-DA)

Sampling frequency: 44.1 kHz  
No. of channels: 2 (left and right, stereo)

D/A converter: 1 bit, MASH  
Headphone output level: RMS max. 6 mW+6 mW/  
16 Ω (adjustable)

(For Europe, Australia and N.Z.)  
Frequency response: 20 Hz to 20,000 Hz  
(+0.5 dB to -8 dB)

(For other areas)  
Frequency response: 20 Hz to 20,000 Hz  
(+0 dB to -1.5 dB)

S/N: More than 96 dB  
Wow and flutter: Below measurable limit

Output voltage: 0.6 Vrms (50 kΩ)

Pickup  
Light source: Semiconductor laser  
Wavelength: 780 nm

(NORSK)  
Bølgelengde: 780 nm  
Laser-styrke: Ingen farlig stråling sendes ut  
(med sikkerhets-beskyttelse)

### MP3

Supported 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

Maximum album levels: 100

### General

Power supply: DC input (via included AC adaptor): DC 4.5 V

AC adaptor input: (For the United Kingdom) AC 220 -240 V 50/60 Hz

(For continental Europe) AC 220 -230 V 50/60 Hz  
(For Australia and N.Z.) AC 230 -240 V 50 Hz

(For China) AC 220 V 50 Hz  
(For Hong Kong area) AC 220 -240 V 50/60 Hz

(For other areas) AC 110 -127 V/220 -240 V 50/60 Hz

Power consumption: (For sets purchased in Japan) Using AC adaptor (MP3/CD-DA): 4.0 W/4.0 W

Recharging: 6.6 W  
(For other areas) Using AC adaptor (MP3/CD-DA): 0.9 W/0.8 W

Recharging: 3.7 W

### 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.

(For Europe, Australia and N.Z.)

Batteries used	MP3 disc	CD-DA disc
2 optional alkaline batteries	96	53
2 supplied rechargeable batteries	36	20
2 supplied rechargeable and 2 alkaline batteries	132	73

(For other areas)

Batteries used	MP3 disc	CD-DA disc
2 optional alkaline batteries	120	67
2 supplied rechargeable batteries	45	25
2 supplied rechargeable and 2 alkaline batteries	170	100

Recharging time: About 3 to 4 hours

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

### 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.

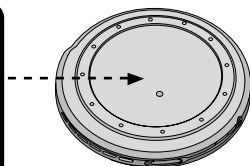
The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.

For Europe, Australia, N.Z., China and Hong Kong area and sets purchased in Japan:

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

For other areas:

THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.



(Bottom of product)

### LUOKAN 1 LASERLAITE KLASS 1 LASER APPARAT

ADVARSEL-UVSYNLIG LASERSTRÅLING VED ÅBNING, NÅR SIKKERHEDSÅB- RYDRE ER I DE AF FUNKTION. UNDGA UDSÆTTELSE FOR STRÅLING.	VARO! AVATTAESSA JA SUOJALU- KITUS OHTIETTÄESSÄ OLET ALTIINA NÄKYMÄTÖNÄ LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VORSICHT-UNSIICHTBARE LASERSTR- AHLUNG WENN ABOECKUNG GEÖFFEN- ET UND SICHERHEITSVERRIEGELUNG ÜBERBLICKT. NICHT DEM STRAH- L AUSSETZEN.	VARO! OSYNLIG LASERSTRÅL- NING NÅR ÖPNNA DEL ÄR ÖPPNAD OCH STRÅLEN ÄR URSOPPÅD. BETRAKTA EJ STRÅLEN.
DANGER-INVISIBLE LASER RADIAT- ION WHEN OPEN AND INTERLOCK DEFERED. AVOID DIRECT EXPOSURE TO BEAM.	ADVARSEL-UVSYNLIG LASERSTRÅL- ING NÅR DEKSEL ÅPNES OG SIKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.

RQLS0244 A pleime 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 UTILSTREKKELEGE. SØRG FOR AT GARDINER ELLER LIGNENDE IKKE FORVERRER VENTILASJONSFORHOLDENE, SÅ RISIKO FOR ELEKTRISK SJOKK ELLER BRANN FORÅRSAKET AV OVERHETING UNNGÅS.
- APPARATETS VENTILASJONSÅPNINGER MÅ IKKE DEKKES 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 FORSØK 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-stikkontakten, 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 YLIKUMENEMISESTA JOHTUVA SÄHKÖISKU- TAI TULIPALOVAARA.
- ÄLÄ PEITÄ LAITTEEN TUULETUSAUKKOJA SANOMALEHDellä, PÖYTÄLIINALLA, VERHOLLA TAI MUULLA VASTAAVALLA ESINEELLÄ.
- ÄLÄ ASETA PALAVAA KYNTTILÄÄ TAI MUUTA AVOTULEN LÄHDETTÄ LAITTEEN PÄÄLLE.
- HÄVITÄ PARISTOT LUONTOA VAHINGOITTAMATTOMALLA TAVALLA.

### VAROITUS!

LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTA AALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTÖMÄLLE LASERSÄTEILYLLE.

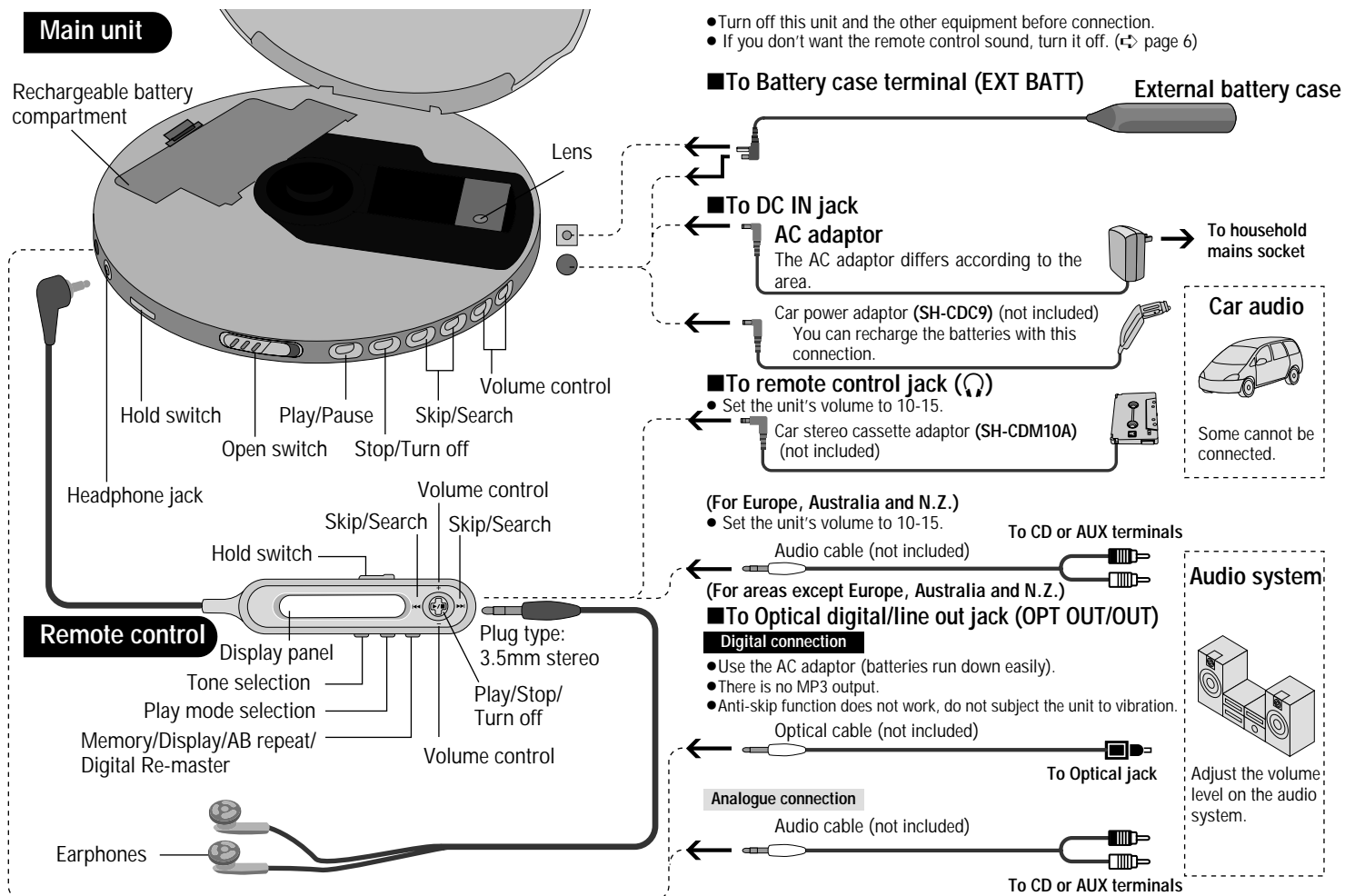
### VAROITUS:

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.

## Location of controls/Connection to other equipment



### Playing MP3

This unit can play MP3 files you have recorded to discs. MPEG Layer-3 audio decoding technology licenced from Fraunhofer IIS and Thomson multimedia.

#### HOLD

This function causes the unit to ignore, accidental button presses. Set to HOLD so the unit doesn't power on accidentally or play is interrupted.

- The unit and remote control each have independent HOLD switches.

#### Note on CD-R and CD-RW

This unit can play CD-R and CD-RW recorded with CD-DA or MP3. Use an audio recording disc for CD-DA and finalize\* it when you finish 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.

#### Resume function

Play begins from the last point stopped. Replacing the disc cancels the function.

#### Auto off function

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

#### Key illumination

When HOLD is released, the unit's buttons light in different ways to indicate the operation.

- To turn the illumination off, set to HOLD. (Only [▶/⏸, CHG] lights while charging.)

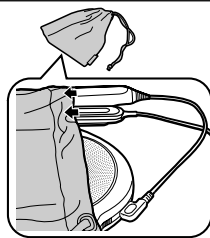
#### The display light

The light in the remote control's display comes on for about 5 seconds when you press a button, unless the hold function is on.

#### For areas except Europe:

##### Using the soft case

The soft case is separated for inserting the main unit and external battery case/remote control.



### Supplied Accessories

#### Check the packing carton for these accessories.

Use numbers indicated when asking for replacement parts.

- 1 Wired remote control: N2QCBD000037

- 1 AC adaptor:

The United Kingdom: RFEA435B-S

Continental Europe: RFEA431E-S

Australia and N.Z.: RFEA436A-S

China: RFEA437T-S

Hong Kong area: RFEA435B-S

Sets purchased in Japan: NOJDCE000001

Other areas: RFEA444Z-S

- 1 Pair of stereo earphones: LOBAB0000176
- 1 External battery case: RFA1821-H
- 2 Nickel-metal hydride rechargeable batteries: (see below)
- 1 Battery carrying case: RFC0062-X

For areas except Europe:

- 1 Soft case: RFC0071A-C

For areas except Europe, Australia, N.Z. China, and Hong Kong area:

- 1 Power plug adaptor: SJP5213-2

Recommended replacement rechargeable batteries:

HHF-AZ01/HHF-1P (Nickel-metal hydride rechargeable batteries)

#### For the United Kingdom and Republic of Ireland:

**shop@ Panasonic** [www.panasonic.co.uk](http://www.panasonic.co.uk) (for UK customers only)

- Order accessory and consumable items for your product with ease and confidence by telephoning our Customer Care Centre Mon-Friday 9:00am-5:30pm. (Excluding public holidays.)
- Or go on line through our Internet Accessory ordering application.
- 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!

Customer Care Centre

For UK customers: 08705 357357

For Republic of Ireland customers: 01 289 8333

Technical Support

For UK customers: 0870 1 505610

This Technical Support Hot Line number is for Panasonic PC software related products only. For Republic of Ireland, please use the Customer Care Centre number listed above for all enquiries.

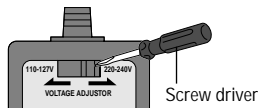
For all other product related enquiries, please use the Customer Care Centre numbers listed above.

# Power Supply

## Rechargeable batteries Recharge before initial use.

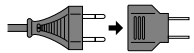
### For sets purchased in Japan

Be sure to set according to the proper voltage in your area before use.

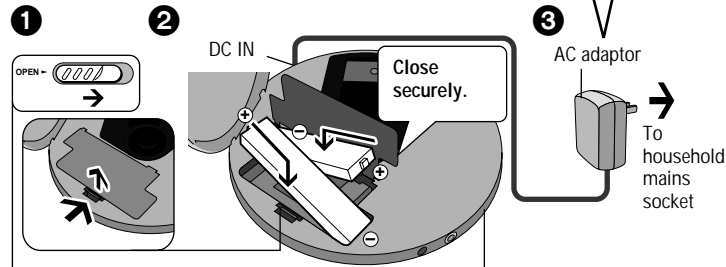


### Except for Europe, Australia, N.Z., China and Hong Kong area

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



Turn the unit off before recharging.



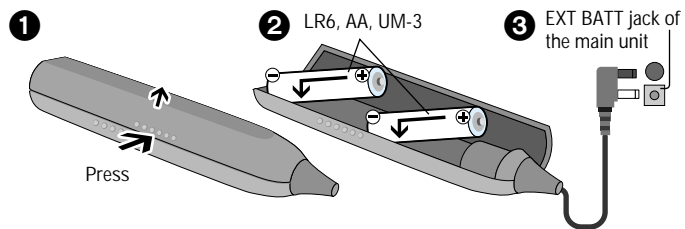
**Recharging starts.**  
Illumination lights.

**Recharging complete.**  
Illumination goes out.  
(Approximately 3 to 4 hours)

- The AC adaptor differs according to the area.
- You can recharge the batteries before they are fully discharged.
- Press the ⊖ end and lift out to remove.
- Fit the battery lid so it is secure and flush with the battery compartment if it comes loose, otherwise it can scratch your discs.

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.

## Dry cell batteries (not included)

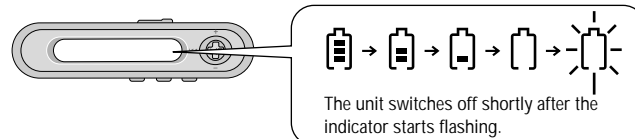


## Play time (⇄ Specifications, page 2)

You can get longer play by using the rechargeable and dry cell batteries together.

## The battery indicator

### While the unit is on



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

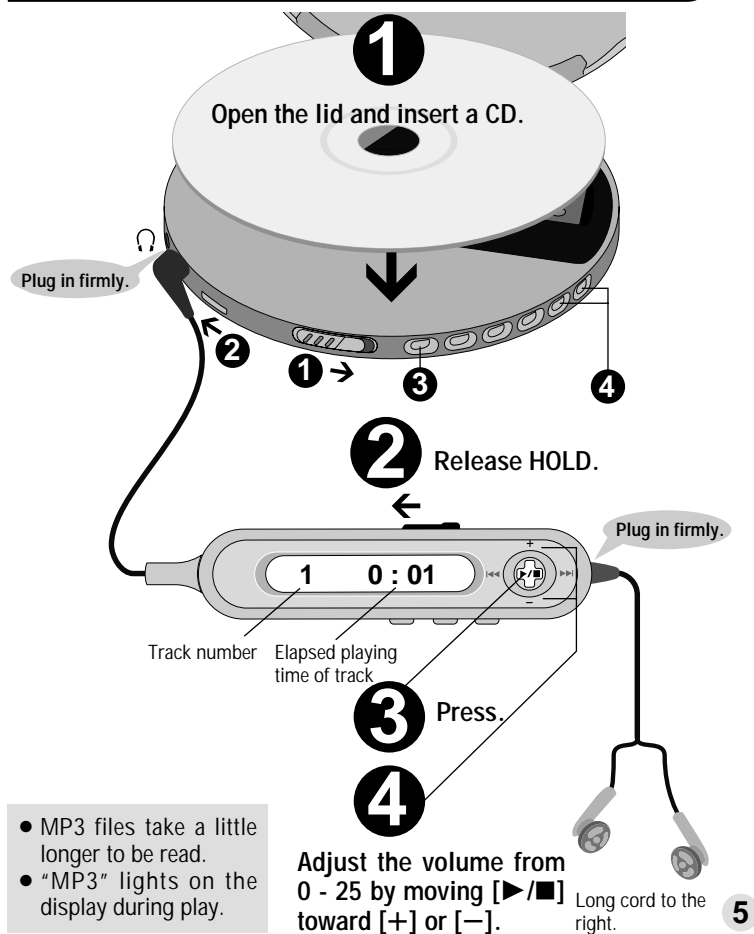
### While the unit is off

Release HOLD on the main unit (⇄ below) and press [VOL, +, BATT CHECK].

The number of buttons on the main unit that light indicates the charge.

# How to Use

## Playback



- MP3 files take a little longer to be read.
- "MP3" lights on the display during play.

Adjust the volume from 0 - 25 by moving [▶/■] Long cord to the right.

## Pause

Remote control	Main unit
Not available.	Press. ■ Press again to restart play.

## Search

Remote control	Main unit
Move and hold during play.	Press and hold during play.

- You cannot search while playing MP3.
- You can search only within the current track during program, one-track repeat, random, random repeat and AB repeat play modes (⇄ page 6).

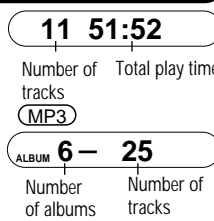
## Skip

Remote control	Main unit
Move.	Press.

- Move or press [⏮] twice to skip to the beginning of the previous track during play.
- You cannot use [⏮] to skip to the previous track during random play (⇄ page 6).

## Stop/ Turn off

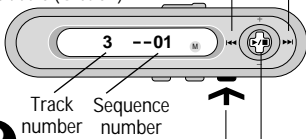
Remote control	Main unit
Press.	Press.
■ Press and hold to turn the unit off.	■ Press again to turn the unit off.



# Other Play Methods

## Program Play

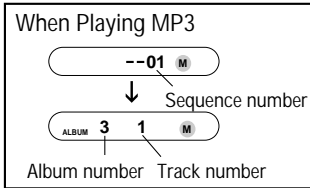
**1** While stopped, move [▶/■] toward [◀◀] or [▶▶] to select the track. You can skip albums when programming MP3 tracks (⇄ below).



**2** Press [•MEMO/■DISP] to register.

**3** Repeat steps 1 and 2 to register up to 20 tracks.

**4** Press [▶/■] to start play.

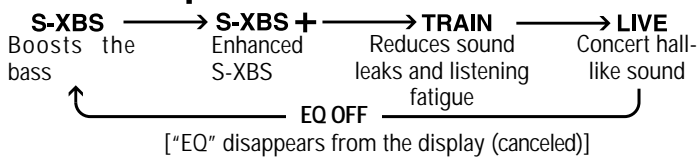
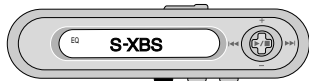


■ **To confirm the contents of the program**  
Press [•MEMO/■DISP] while the disc is playing.

■ **To delete the entire program**  
Press [▶/■].

## Changing the sound quality

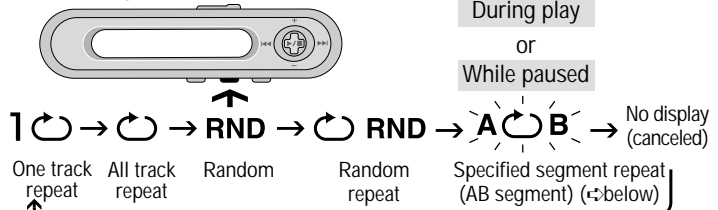
Each time you press [EQ], while displayed



• The effect may differ between different kinds of music.

## Play modes

Each time you press [MODE]

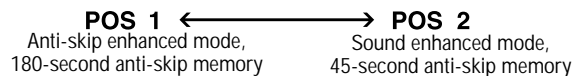


■ **Specifying the AB segment**  
Press [•MEMO/■DISP] at the start point (A) and once more at the end point (B).  
A-B → A-B

- Stop or skip (⇄ page 5) to cancel.
- If you do not specify point B and reach the end of disc, point B is set automatically and repeat begins. You can also specify point B again by pressing [•MEMO/■DISP]
- You cannot select "RND" and "A-B" while playing MP3.

## Anti-Skip System

This system reduces the skipping caused by vibration to a minimum. You can change the anti-skip memory time for CD-DA to improve sound quality. While stopped, each time you press and hold [•MEMO/■DISP]



- You cannot change the memory time for MP3. It is a maximum of 400 seconds for MP3 recorded at 128 kbps.

## Other remote control functions

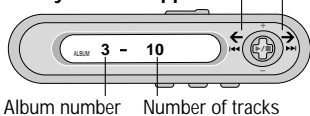
■ **Turning the operation tone off**  
Press and hold [EQ] until "BP OFF" appears. ("BP ON", tone on)

■ **Adjusting the contrast of the display**  
1. Set the main unit to HOLD while stopped.  
2. While pressing and holding [▶/■], press [+] (darker) or [-] (lighter) on the main unit.  
Adjust if unit parts of the display are too dark or if the display is too light to read.

# Playing MP3

## Starting play from an album (Album skip)

Move and hold until the album you want appears.



Main unit  
Press and hold.



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

Each time you press and hold [MODE]



Album mode → No display (canceled)

- You can select another album with album skip.
- You cannot turn album mode on during program play.

## Changing the display

Each time you press and hold [•MEMO/■DISP] during play

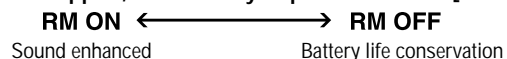


- Up to 30 characters can be scrolled in the display. "--" is displayed in excess of 30 characters.
- "--" is displayed in place of characters this unit cannot display.
- ID3 tags are indicated as "Id3" before the artist name and "Id3" before the track name. "--" appears instead if ID3 titles haven't been entered.

## Enjoying even more natural sound (Digital Re-master)

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

While stopped, each time you press and hold [•MEMO/■DISP]

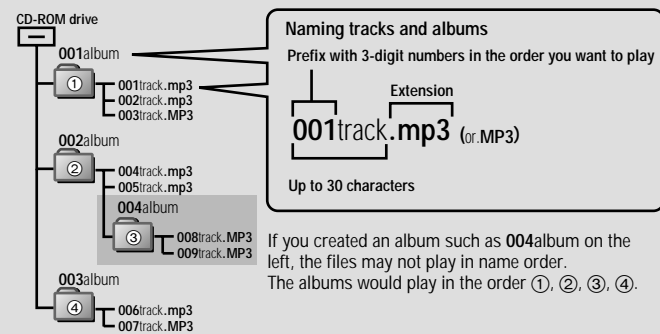


## MP3

This unit can play MP3, a method of compressing audio without overtly hurting audio quality.

■ **When creating MP3 files to play on this unit**

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



■ **Limitations on MP3**

- Only artist name and track name ID3 tags (version 1.0 and 1.1) are displayed.
- This unit is compatible with multi-session 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.
- If a CD-ROM format CD contains MP3 and files other than MP3, only the MP3 files will be playable.
- Depending on how you create MP3 files, they may not play in the order you numbered them or may not play at all.