

Portable CD player
Operating Instructions



EB EG GN GK GC En

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

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

Note:
“EB” on the packaging indicates the United Kingdom.

RQT6667-B
F0203KN0

Troubleshooting guide

References to the remote control apply only for China.

Before requesting service, make the following 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.

No play.	<ul style="list-style-type: none">•The HOLD function is on (⇄page 4).•The disc isn't correctly set.•The disc is scratched or dirty.(Tracks skipped.)•The unit may not read MP3 correctly if it is shaken while it is reading the files.•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: SZZP1038C).If the lens gets marked with fingerprints, gently wipe them off with a cotton swab.•You may not be able to play MP3 if you have copied a multi-session disc that has no data between sessions.
No sound or there is a lot of noise.	<ul style="list-style-type: none">•Ensure the plugs are inserted firmly.•Wipe the plugs clean with a clean cloth.•Noise may occur when playing MP3 if recording quality is poor.•The elapsed playing time disappears and sound is interrupted if bumps continue repeatedly.
Play doesn't resume from the track where play stopped at.	<ul style="list-style-type: none">•This doesn't work if you change discs.•This doesn't work during random play.•It may not work correctly under some conditions.
Play doesn't start from the first track.	<ul style="list-style-type: none">•Random play modes may be on (⇄page 6).•Play resumes from the track where you last stopped play. Use skip to return to the first track.
The unit stops working.	Disconnect then reconnect all power sources (batteries and AC adaptor).
Cannot search through tracks.	You cannot search through MP3 files.
Cannot skip albums.	You cannot skip between the first and last albums during play.
<div>Only for China</div> The unit malfunctions when connected to other equipment.	Be sure to connect other equipment through the remote control. Speakers connected directly to the unit should have an impedance of 1 kΩ or less.

The remote control malfunctions.	Use only the included remote control to operate this unit.
The battery indicator fails to appear or is incorrect.	<ul style="list-style-type: none">•The indicator does not appear when the AC adaptor is connected.•The indicator does not appear correctly under some conditions.
Cannot recharge.	<ul style="list-style-type: none">•You aren't using the special rechargeable batteries (⇄page 5).•You must insert two batteries before you can recharge them.•The unit must be off before you can recharge.
The AC adaptor becomes warm during recharging.	This is normal.
The batteries are taking a long time to recharge.	The batteries may take a maximum of 6 hours to recharge under some conditions.
Play time is very short even after recharging.	The batteries may have reached the end of their service life. Usually they can be recharged 300 times.
Play time is short after recharging.	<ul style="list-style-type: none">•This may occur after the first time you recharge the batteries or after you haven't used them for a long time. Play time should be restored after a few recharges.•The batteries can go flat if you leave the AC adaptor connected after recharging is complete.
Radio reception is noisy.	<ul style="list-style-type: none">•Keep the unit away from other tuners and televisions.•The AM antenna is in the unit, so noise may increase if you hold the unit.

hold	The HOLD function is on (⇄page 4).
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	Full: The program already contains 20 tracks.
3	Reading MP3 files.

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.

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.
Ole hyvä ja noudata asuinpaikkasi kierrätysääntöjä.

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 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

CD SECTION

CD-DA

No. of channels: 2 (left and right, stereo)
Frequency response: 20 to 20,000 Hz
(−10 dB to 0 dB)
DA converter: 1 bit, MASH
Headphone output level: RMS max. 8 mW+8 mW/
16 Ω (adjustable)

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 (sum of albums and tracks): 999
Maximum album levels: 100

Pickup

Light source: Semiconductor laser
Wavelength: 780 nm
(NORSK)
Bølgelengde 780 nm
Laserstyrke
Ingen farlig stråling sendes ut
(med sikkerhets-beskyttelse)

RADIO SECTION

Frequency

Radio frequency:
Europe: FM; 87.50–108.00 MHz
(0.05 MHz steps)
AM; 522–1629 kHz
(9 kHz steps)
Other area: FM; 87.50–108.00 MHz
(0.05 MHz steps)
AM; 522–1629 kHz
(9 kHz steps)
520–1630 kHz
(10 kHz steps)

GENERAL

Power supply:
DC input (via included AC adaptor): DC 4.5 V
AC adaptor input:
The United Kingdom: AC 230–240 V 50/60 Hz
Continental Europe: AC 220–230 V 50/60 Hz
Australia and N.Z.: AC 230–240 V 50 Hz
China : AC 220 V 50 Hz
Other areas: AC 110–127 V/
220–240 V 50/60 Hz
Power consumption:
Using AC adaptor(MP3/CD-DA/RADIO) 3.2 W/3.2 W/ 2.5W
Recharging: 5 W

●The play time may be less depending on the operating conditions.
●Play time will be considerably reduced when playing CD-RW.
Operational temperature range: 0 °C–40 °C
Rechargeable temperature range: 5 °C–40 °C
Dimensions (W×H×D): 135×25.8×135 mm
Mass: 223 g (with batteries)
177 g (without batteries)

Note:
Specifications are subject to change without notice.
Mass and dimensions are approximate.

Play time:
[Approximate operating time in hours (playing MP3 at the recommended bitrate of 128 kbps, with HOLD on and S-XBS canceled, at 25 °C on a flat, stable surface)]

Batteries used	MP3 disc	CD-DA disc	RADIO (FM BAND)
2 optional alkaline batteries	35	23	75
2 optional rechargeable batteries	14	10	30

Recharging time: 4 to 5 hours

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.

For Europe, Australia, N.Z. and China :

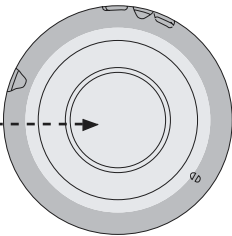
THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

For other areas:

THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.



LUOKAN 1 LASERLAITE
KLASS 1 LASER APPARAT:



(Bottom of product)

ADVARSEL-USYNLIG LASERSTRÅLING VED ÅBNING. NÅR SIKKERHEDSAFBR- YDERE ER UDE AF FUNKTION. UNDGA UNSÆTTELSE FOR STRÅLING. VORSICHT-UNSICHTBARE LASERSTR- AHLUNG. WENN ABDECKUNG GEÖFFN- ET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN. DANGER-INVISIBLE LASER RADIAT- ION WHEN OPEN AND INTERLOCK DEFEATED. AVOID DIRECT EXPOSURE TO BEAM. RQLS0244	VARO! AVATTAESSA JA SUOJALU- KITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTÖN TÄ LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN. VARNING-ÖSYNLIG LASERSTRÅL- NING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRÄKTA EJ STRÅLEN. ADVARSEL-USYNLIG LASERSTRÅL- ING 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.
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(Inside of product)
(Produktets innside)
(Tuotteen sisällä)

NORSK

ADVARSEL!

- APPARATET MÅ IKKE Plasseres 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 dekkes til med aviser, bordduker, gardiner og lignende.
- Plasser 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 Plasseres GJENSTANDER FYLT MED VANN, SLIK SOM BLOMSTERVASER, OPPÅ APPARATET.

DETTE APPARATET ER BEREGNET TIL BRUK UNDER MODERATE KLIMAFORHOLD.

SUOMI

VAROITUS!

- ÄLÄ ASENNATA TAI LAITATA 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 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 SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

VAROITUS:

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

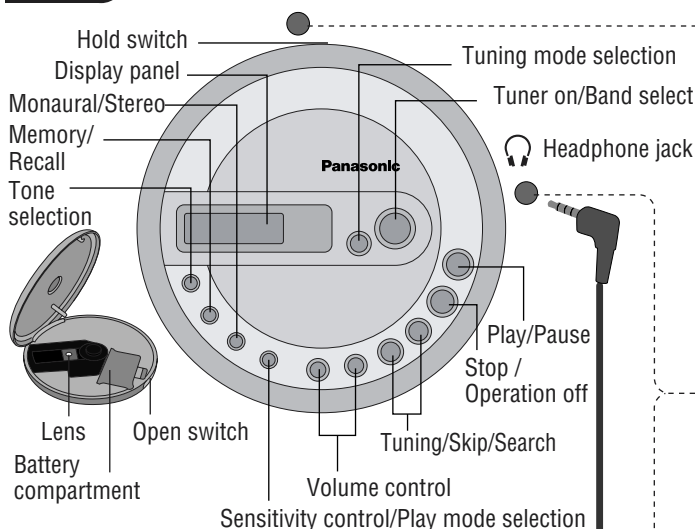
TÄMÄ LAITE ON TARKOITETTU KÄYTETTÄVÄKSI LEUDOSSA ILMASTOSSA.

Location of controls/Connection to other equipment

References to the remote control apply only for China.

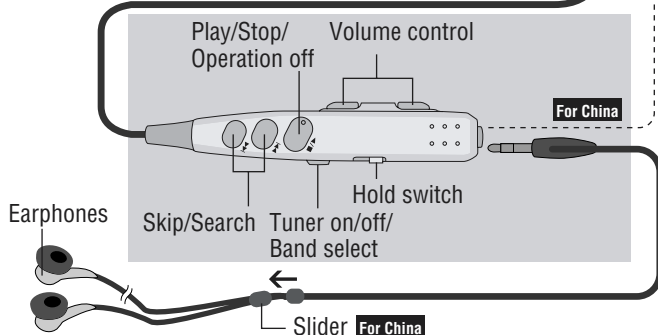
Turn off this unit and the other equipment before connection.

Main unit



Remote control

For China



To DC IN jack

AC adaptor

The configuration of the AC adaptor differs according to the area.

Car power adaptor (SH-CDC9) (not included)
You can recharge the batteries with this connection.

To household mains socket

Car audio



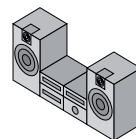
Directly to headphone jack

For China Through to Headphone jack

Connect remote control to main unit first.

Car stereo cassette adaptor (SH-CDM10A) (not included)
Set the unit's volume to 10.

Audio system



Audio cable (not included) To CD or AUX terminals

- Set the unit's volume to 10.
- Use the main unit to avoid beep sounds heard when operating the remote control buttons.

Supplied Accessories

Check the packing carton for these accessories.

Use numbers indicated when asking for replacement parts.

•1 AC adaptor

The United Kingdom: NOJCCE000004

Continental Europe: RFEA418E-S

Australia and N.Z.: NOJCCE000003

China: NOJCCE000001

Other areas: NOJCCE000001

•1 Pair of stereo earphones:

China: LOBAB0000173

Other areas: LOBAB0000123

For China:

•1 Wired remote control:

N2QCB0000011

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

•1 Power plug adaptor: SJP5213-2

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

The unit stores the track where you stopped play. Replacing the disc cancels the function.

Auto power off function

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

For the United Kingdom and Republic of Ireland:

shop@ **Panasonic**

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 (not included) Recharge before initial use.

As a safety precaution this unit is constructed so it is impossible to recharge ordinary batteries. For details, check with your dealer.

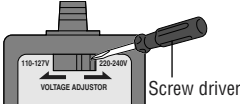
Special rechargeable Ni-Cd batteries
Europe:
P-3GAVE/2B (set of 2)
Other areas:
P-3GAVT/2B (set of 2)



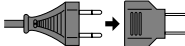
Ordinary dry cell batteries/
rechargeable batteries



Except for Europe, Australia, N.Z. and China.
Be sure to set the proper voltage in your area before use.

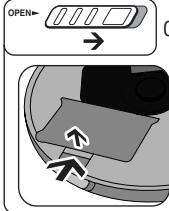


If the power plug will not fit your socket, use the power plug adaptor.



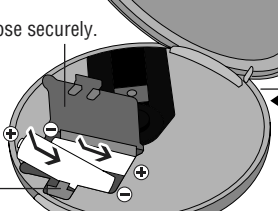
Make sure the unit is off when recharging.

1



2

Close securely.

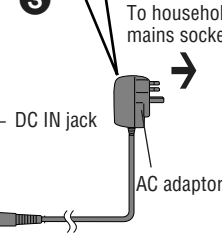



3

To household mains socket

DC IN jack

AC adaptor




- The configuration of the AC adaptor differs according to the area.
- The battery indicator () scrolls while recharging and disappears when finished (4 to 5 hours).
- 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, otherwise it can scratch your discs.

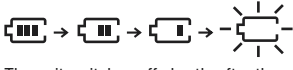
Dry cell batteries (not included)

After disconnecting the AC adaptor, insert two “LR6, AA, UM-3” alkaline batteries. Insert the same way as the rechargeable batteries.

The battery indicator

This indicator appears when the unit is on.

2:24 

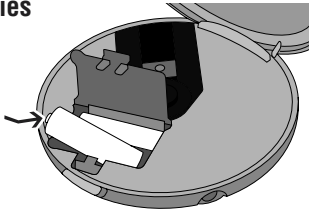


The unit switches off shortly after the indicator starts flashing.

- Before playing starts the battery indicator may flash although the batteries are not drained. It appears correctly once you start play.
- The remaining time may differ when listening to a CD and the radio.

General

- **Play time**
⇨ Specifications, page 2
- **Removing batteries**




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.


Listening to CDs Basic Play

Playback


1 Open the lid and insert a CD.




2 Release HOLD.



3 Press.



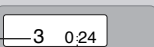
4 Adjust the volume. (0 - 25)



Track number

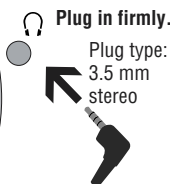
Elapsed playing time of track

3 0:24

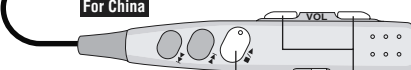


Plug in firmly.

Plug type: 3.5 mm stereo



For China




2

3


4

Long cord to the right





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




Pause

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



Search

Main unit	Remote control
 Press 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, or random play modes (⇨ page 6).	

Skip

Main unit	Remote control
 Press.	 Press.
■ Press [] twice to skip to the previous track during play.	

Stop

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

15 68:24

Number of tracks Total play time

MP3

ALBUM 10-- 72

Number of albums Number of tracks

Program Play

1

Select the tracks while stopped.
You can skip albums when programming MP3 tracks (↔ below).

2

Press to register.

3

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

4

Start play.

When playing MP3

-- 01

Sequence number

ALBUM 3 1

Album number Track number

To confirm the contents of the program

Press [MEMORY/RECALL] while the disc is playing.

To delete the entire program

Press [OPR OFF].

Changing the sound quality

Each time you press [S-XBS]

S-XBS

No display (canceled)

Boosts the bass

The effect may differ between different kinds of music.

Play modes

Each time you press [MODE]

1

One track repeat

→

All track repeat

→

RND

Random

→

RND

Random repeat

↺

No display (canceled)

You cannot select "RND" while playing MP3.

You cannot skip back to other tracks during random play.

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.

Each time you press and hold [MODE]

POS2

POS1

Better sound quality, 10-second anti-skip memory

Normal sound quality, 45-second anti-skip memory

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

Starting play from an album (Album skip)

Press and hold [← |||, ||| → +] until the album you want appears.

For China

ALBUM 3 -- 10

Album number Number of tracks

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

Each time you press and hold [MODE]

ALBUM MODE

No display (canceled)

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

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)
- It is better not to create folders (album) within folders (004album below).

CD-ROM drive

001album

- 001track.mp3
- 002track.mp3
- 003track.MP3

002album

- 004track.mp3
- 005track.mp3

004album

- 008track.MP3
- 009track.MP3

003album

- 006track.mp3
- 007track.MP3

Naming tracks and albums

Prefix with 3-digit numbers in the order you want to play

Extension

001track.mp3 (or .MP3)

Up to 27 characters for tracks and 30 for albums

If you created an album such as 004album at the left, the files may not play in name order.

The albums would play in the order ①, ②, ③, ④.

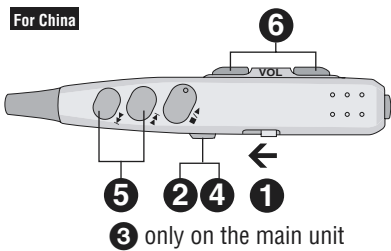
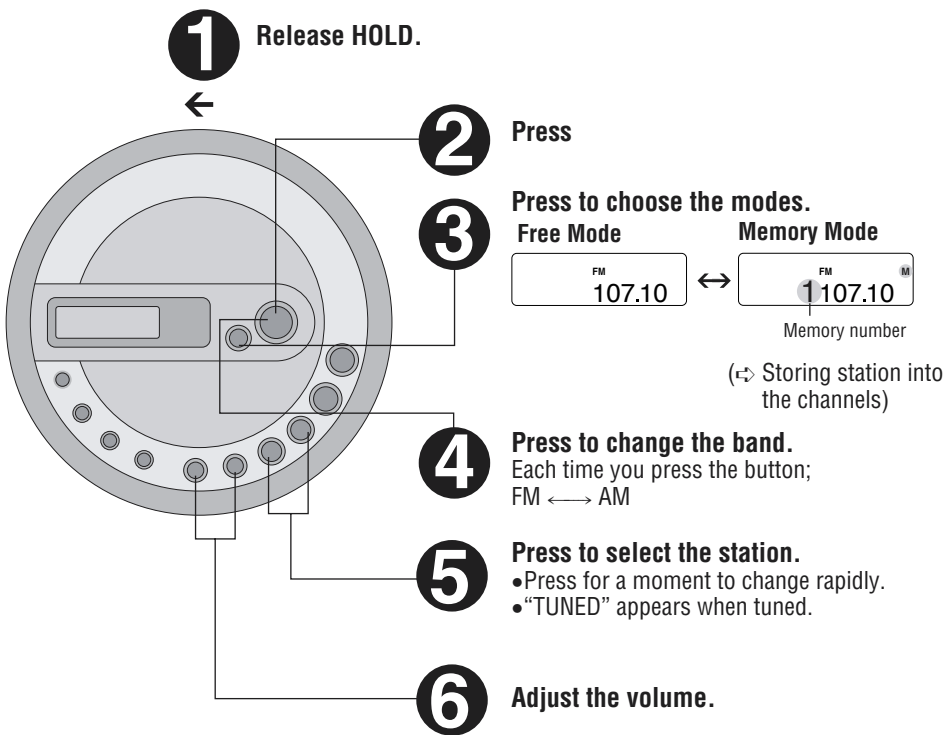
Limitations on MP3

- 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 the disc includes both MP3 and normal audio data (CD-DA), the unit plays the type recorded in the inner part of the disc. If the disc includes both MP3 and other types of audio data (e.g. WMA or WAV), the unit plays only the MP3.
- Depending on how you create MP3 files, they may not play in the order you numbered them or may not play at all.

Listening to the Radio

References to the remote control apply only for China.

You can tune directly to a station in **Free Mode** by finding the station's frequency, or you can store stations in **Memory Mode** to make tuning simpler.

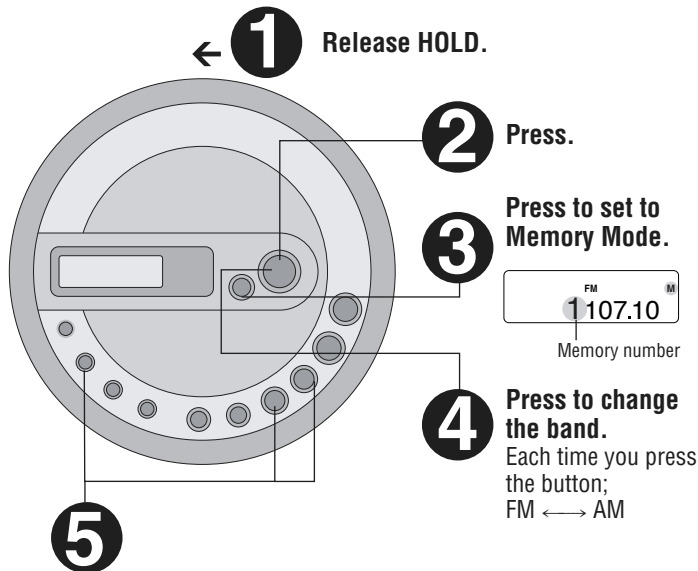


■ To turn off the radio

Press [■ OPR OFF] (main unit) or press and hold [RADIO] (remote control).

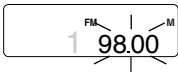
Storing stations into the channels

Store the frequencies of up to 30 stations; 20 FM and 10 AM.



Store stations into the channels of your choice.

① Press [MEMORY/RECALL].

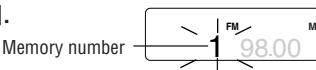


Do each of the following within 10 seconds.

② Press [– ◀▶ +] to select the frequency.

• Press [– ◀▶ +] for a moment to change rapidly.

③ Press [MEMORY/RECALL].



④ Press [– ◀▶ +] to select the memory number.

• Press [– ◀▶ +] for a moment to change rapidly.

⑤ Press [MEMORY/RECALL] to confirm the setting.

■ To erase unnecessary stations

Preparation: Press [TUNING MODE] to set to **Memory Mode**.

1 Press [– ◀▶ +] to select the memory number to be erased.

2 Press [MEMORY/RECALL].
The frequency number flashes.

Do each of the following within 10 seconds.

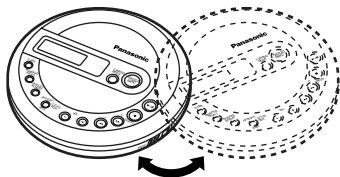
3 Press and hold [MEMORY/RECALL] until "– – –" flashes.

4 Press [MEMORY/RECALL] to erase the memory number.
The next memory number appears.

Listening to the Radio

To obtain good reception

AM
Try various directions to obtain optimum reception.



FM
The earphone cord is also the FM antenna, so extend it instead of leaving it coiled.

To receive an FM broadcast clearly

Set to "CITY" if reception is poor or if there is interference from another station.

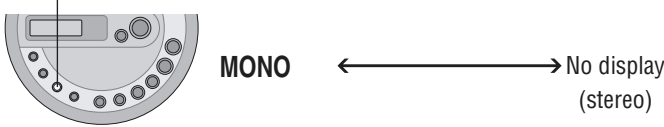
Each time you press and hold [FM RECEPT — CITY/NOR]



To select stereo or monaural FM

Set to "MONO" when there is noise during FM reception. Sound becomes monaural, but noise is reduced.

Each time you press [FM MODE MONO/ST]



Changing the sound quality

The operation is the same as when playing CDs.
(→ page 6)

When using overseas

Except for Europe:
Change the frequency step according to the area.
Preparation: Press [RADIO/BAND] to switch on the power.

1

Press and hold [RADIO/BAND] until the step appears.

2

Within 10 seconds
Press to select the step.
Each time you press [- <<<, >>> +]

AM 9

AM 9 kHz

AM 10

AM 10 kHz

3

Within 10 seconds
Press and hold [MEMORY/RECALL] until the frequency appears to confirm the step.

- To return to the previous frequency step
Repeat the above procedure.
- Changing the step erases the stations you stored in memory.