Panasonic®

Operating Instructions

CD Stereo System

Model No. **SC-PM250**

Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.
Please keep this manual for future reference.

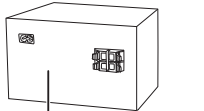**Panasonic Entertainment & Communication Co., Ltd.** GN GS En

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Your system and the illustrations can look differently.
These operating instructions are applicable to the following system.

System	SC-PM250
Main unit	SA-PM250
Speakers	SB-PM02

CLASS 1 LASER PRODUCT

The symbols on this product (including the accessories) represent the following:

~	AC
▫	Class II equipment (The construction of the product is double-insulated.)
I	ON
⏻	Standby

Supplied accessories

Check and identify the supplied accessories.

☐ For Australia and New Zealand
1 AC mains lead

☐ For Asia and the Middle East
3 AC mains leads

☐ For Australia and New Zealand
1 AM loop antenna

☐ For Australia and New Zealand
1 Ferrite core

☐ **1 FM indoor antenna**

☐ **1 Remote control**
(N2QAYB000984)

Safety precautions

WARNING!

Unit
• To reduce the risk of fire, electric shock or product damage,
– Do not expose this unit to rain, moisture, dripping or splashing.
– Do not place objects filled with liquids, such as vases, on this unit.
– Use the recommended accessories.
– Do not remove covers.
– Do not repair this unit by yourself. Refer servicing to qualified service personnel.
– Do not let metal objects fall inside this unit.

AC mains lead
• The mains plug is the disconnecting device. Install this unit so that the mains plug can be unplugged from the socket outlet immediately.

CAUTION!

Unit
• To reduce the risk of fire, electric shock or product damage,
– Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
– Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
– Do not place sources of naked flames, such as lighted candles, on this unit.
• For Australia and the Middle East
This unit is intended for use in tropical climates.
For others
This unit is intended for use in moderate climates.
• This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
• This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Battery
• Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
• When disposing the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
• Do not heat or expose to flame.
• Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
• Do not break open or short-circuit the battery.
• Do not charge the alkaline or manganese battery.
• Do not use the battery if the cover has peeled off.
• Remove the battery if you do not use the remote control for a long period of time. Keep in a cool, dark area.

Caution for AC mains lead

(For the AC mains plug of three pins)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 5-ampere fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark ⓐ or the BSI mark ♡ on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local dealer.

Before use
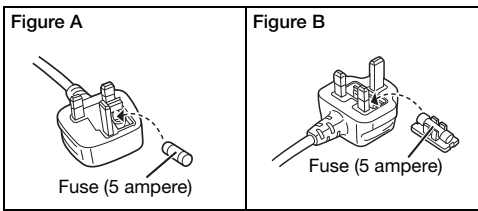Remove the connector cover.

How to replace the fuse
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.
Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.

Figure A	Figure B
	Fuse cover
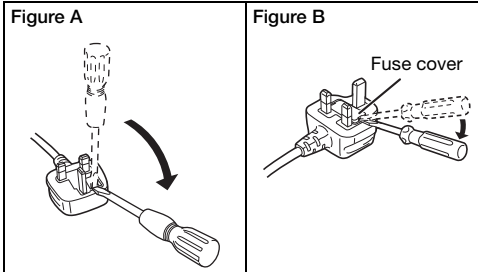
2. Replace the fuse and close or attach the fuse cover.

Figure A	Figure B
Fuse (5 ampere)	Fuse (5 ampere)

For Oman

OMAN-TRA
R/1843/14
D090281

Placement of speakers

The left and right speakers are the same.
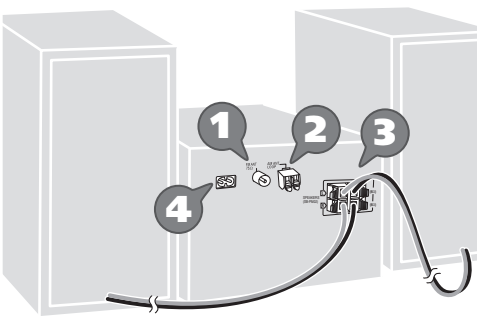You cannot remove the net of the speakers.

Use only the supplied speakers.
You can cause damage to the system and decrease the sound quality if you use other speakers.

Note:
• Keep your speakers more than 10 mm from the main unit for ventilation.
• Put the speakers on a flat safe surface.
• These speakers do not have magnetic shielding. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.
• When you play at high levels for a long period, it can cause damage to the speakers and decrease the life of the speakers.
• Decrease the volume in these conditions to prevent damage:
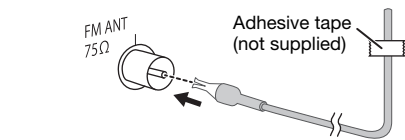– When the sound is distorted.
– When you adjust the sound quality.

CAUTION!
• Use the speakers only with the recommended system. If not, you can cause damage to the amplifier and speakers and can cause a fire. Consult an approved service personnel if damage occurs or if there is a sudden apparent change in performance.
• Do the procedures included in these instructions when you attach the speakers.
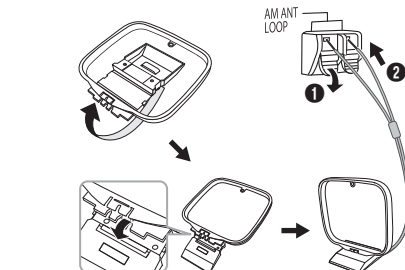
Making the connections

Connect the AC mains lead only after all the other connections have been made.
The illustrations shown are of the model for Australia and New Zealand. Your unit may differ in appearance.
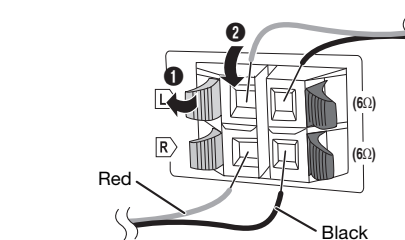
Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.
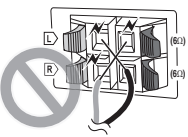
4 Connect the AC mains lead.

(For the AC mains plug of three pins)
READ THE "Caution for AC mains lead" BEFORE CONNECTION.

1 Connect the FM indoor antenna.
Place the antenna where reception is best.

FM ANT 75Ω
Adhesive tape (not supplied)

For Australia and New Zealand
Attaching the ferrite core near to the terminal
① Pull on the tabs (both sides) to open.
② Put the AC mains lead onto one of the concave surfaces.
③ Coil the AC mains lead around the ferrite core and onto the other concave surface.
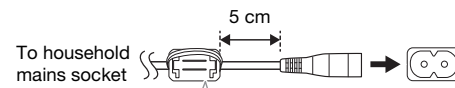④ Close the ferrite core until it clicks.

To household mains socket — 5 cm

2 For Australia and New Zealand
Connect the AM loop antenna.
Stand the antenna up on its base until it clicks.

AM ANT LOOP

Note:
Failure to attach the ferrite core to the AC mains lead may cause interference to other devices nearby.

Do not use an AC mains lead from other equipment.

Conserving power
The system consumes a small amount of power (➡ "Specifications") when it is in standby mode.
Disconnect the power supply if you do not use the system.
Some settings will be lost after you disconnect the system. You have to set them again.

3 Connect the speakers.

Red
Black

For Australia

Panasonic Warranty

1. Subject to the conditions of this warranty Panasonic or its Authorised Service Centre will perform necessary service on the product, without charge for parts or labour, if in the opinion of Panasonic the product is found to have a manufacturing defect within one (1) year or (12 months) (the "warranty period") from the date of purchase appearing on your purchase receipt.

2. This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia, it's Authorised Distributors, or Dealers, and only where the products are used and serviced within Australia or its territories. Warranty cover only applies to the services that are carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when the warranty service is requested.

3. This warranty only applies if the product has been installed and/or used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions, or any foreign object or matter having entered the product.

4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
(a) Consumable parts
(b) Cosmetic parts
(c) Worn or damaged parts
(d) Information stored on Hard Disk Drives, Optical Discs, USB Devices, SD Cards, Tapes
(e) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s)

5. Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover:
(a) Internet and or DLNA connection / setup related problems
(b) Access fees and or charges incurred for internet connection
(c) Incompatible software or software not specifically stipulated in the product operations manual; and
(d) Any indirect or consequential costs associated with the incorrect use or misuse of the hardware, its connection to the internet or any other device.

6. To claim warranty service, when required, you should:
• Contact Panasonic's Customer Care Centre on 132 600 for Service Centre information.
• Confirm the opening and acceptance times with the Authorised Service Centre that you choose.
• Then send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt.
• Any freight and insurance costs associated with the transport of the product to and/or from your nearest Authorised Service Centre must be arranged and paid for by you.

7. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other ancillary activities), delivery, handling, freighting, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, de-installation, re-installation or transport.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132 600 or visit our website and use the Service Centre Locator.

In addition to your rights under this warranty, Panasonic products come with consumer guarantees that cannot be excluded under the Australian Consumer Law. If there is a major failure with the product, you can reject the product and elect to have a refund or to have the product replaced or if you wish you may elect to keep the goods and be compensated for the drop in value of the goods. You are also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to a major failure.

If there is a major failure in regard to the product which cannot be remedied then you must notify us within a reasonable period by contacting the Panasonic Customer Care Centre. If the failure in the product is not a major failure then Panasonic may choose to repair or replace the product and will do so in a reasonable period of time from receiving notice from you.

THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

If you require assistance regarding warranty conditions or any other enquiries, please visit the **Panasonic Australia** website **www.panasonic.com.au** or contact by phone on **132 600**
If phoning in, please ensure you have your operating instructions available.

Panasonic Australia Pty. Limited
ACN 001 592 187 ABN 83 001 592 187
1 Innovation Road, Macquarie Park NSW 2113
www.panasonic.com.au

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About Bluetooth®

Panasonic cannot be held responsible for data and/or information that can possibly be compromised during a wireless transmission.

Frequency band
• This system uses the 2.4 GHz frequency band.

Certification
• This system conforms to the frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
• The actions below are punishable by law:
– Taking apart or modifying the main unit.
– Removing specification indications.

Restrictions of use
• Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
• All devices must conform to standards set by Bluetooth SIG, Inc.
• Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
• This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
• This system cannot transmit data to a Bluetooth® device.

Range of use
• Use this device at a maximum range of 10 m.
• The range can decrease depending on the environment, obstacles or interference.

Interference from other devices
• This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
• This system may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.
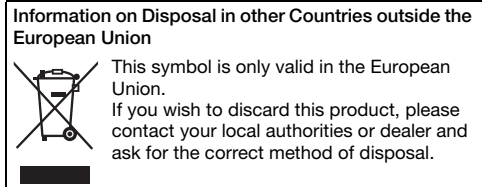
Intended usage
• This system is for normal, general use only.
• Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc.).

Licenses

The Bluetooth® word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Holdings Corporation is under license. Other trademarks and trade names are those of their respective owners.

– If you see this symbol –

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.

Specifications

▎Amplifier section

RMS output power stereo mode
Front Ch (both ch driven)
10 W per channel (6 Ω), 1 kHz, 10% THD
Total RMS stereo mode power 20 W
For Asia and the Middle East
PMPO output power 220 W

▎Tuner, terminals section

Preset memory FM 30 stations
For Australia and New Zealand AM 15 stations
Frequency modulation (FM)
Frequency range
87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals 75 Ω (unbalanced)
For Australia and New Zealand
Amplitude modulation (AM)
Frequency range 522 kHz to 1629 kHz (9 kHz step)
520 kHz to 1630 kHz (10 kHz step)

▎Disc section

Disc played (8 cm or 12 cm)
CD, CD-R/RW (CD-DA, MP3*)
Pick up
Wavelength 790 nm (CD)
* MPEG-1 Layer 3, MPEG-2 Layer 3

▎USB section

USB port
USB standard USB 2.0 full speed
Media file format support MP3 (*.mp3)
USB device file system FAT12, FAT16, FAT32
USB port power DC OUT 5 V, 500 mA

▎Bluetooth® section

Version Bluetooth® Ver. 4.2
Class Class 2
Supported profiles A2DP, AVRCP
Operating frequency 2.4 GHz band FH-SS
Operation distance 10 m line of sight

▎Speaker section

Speaker unit(s)
Full range 10 cm cone type x 1 per channel
Impedance 6 Ω
Dimensions (W x H x D) 139 mm x 224 mm x 136 mm
Mass 1.3 kg

▎General

Power supply
For Asia and the Middle East AC 110 V to 240 V, 50/60 Hz
For others AC 220 V to 240 V, 50 Hz
Power consumption 14 W
Dimensions (W x H x D) 184 mm x 123 mm x 228 mm
Mass 1.1 kg
Operating temperature range 0°C to +40°C
Operating humidity range
35% to 80% RH (no condensation)

Power consumption in standby mode
(With "BLUETOOTH STANDBY" set to "OFF")
0.2 W (approximate)

Power consumption in standby mode
(With "BLUETOOTH STANDBY" set to "ON")
0.3 W (approximate)

Note:
• Specifications are subject to change without notice. Mass and dimensions are approximate.
• Total harmonic distortion is measured by the digital spectrum analyzer.

Overview of controls

Do the procedures with the remote control. You can also use the buttons on the main unit if they are the same.
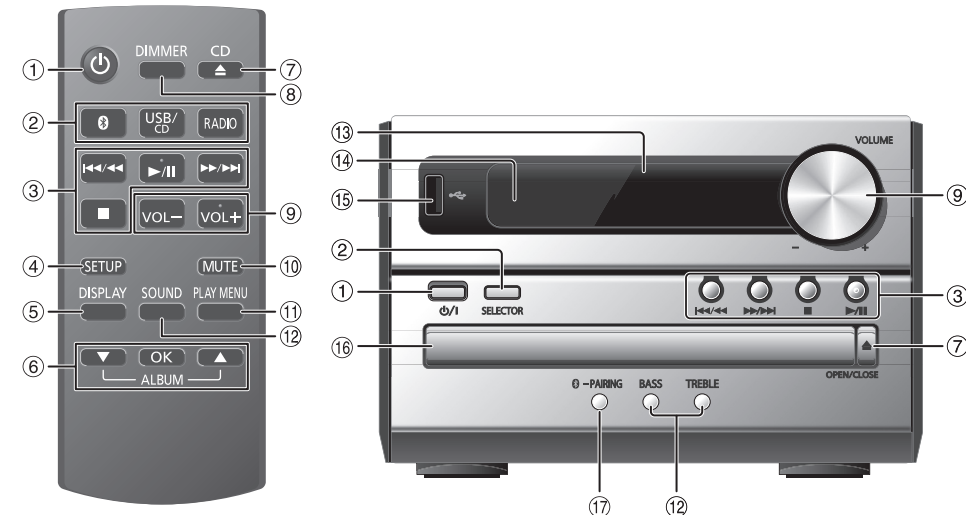
① **Standby/on switch** [⏻], [⏻/I]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

② **Select the audio source**
On the remote control:
Press the corresponding button to select the source.
On the main unit:
CD → BLUETOOTH → USB → FM → AM*
* For Australia and New Zealand
Select "BLUETOOTH" as the audio source
To start Bluetooth® pairing, press and hold the button.

③ **Basic playback control**

④ **View the setup menu**

⑤ **View the content information**

⑥ **Select or confirm the option**

⑦ **Open or close the disc tray**

⑧ **Decrease the brightness of the display panel**
To cancel, press the button again.

⑨ **Adjust the volume level**

⑩ **Mute the sound**
To cancel, press the button again.
"MUTE" is also cancelled when you adjust the volume or when you switch off the system.

⑪ **View the play menu**

⑫ **Select the sound effects**

⑬ **Display panel**

⑭ **Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 20° up and down, 30° left and right

⑮ **USB port** (•←⟍•)

⑯ **Disc tray**

⑰ **Select "BLUETOOTH" as the audio source**
To start Bluetooth® pairing, press and hold the button.

Preparing the remote control

R6/LR6, AA (not supplied)
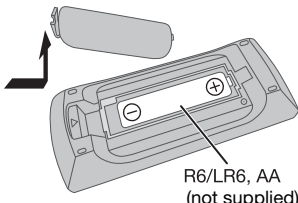
Use alkaline or manganese battery.

Install the battery so that the poles (+ and –) align with those in the remote control.

Preparing the media

Disc

1 Press [CD ⏏] (main unit: [⏏ OPEN/CLOSE]) to open the disc tray.
Put in a disc with the label facing up.

Press again to close the disc tray.

2 Press [USB/CD] to select "CD".

USB

1 Reduce the volume and connect the USB device to the USB port.
Hold the main unit when connecting or disconnecting the USB device.

USB device
(not supplied)

2 Press [USB/CD] to select "USB".

Note:
Do not use a USB extension cable. The system cannot recognise USB device connected through a cable.

Bluetooth®

You can connect and play an audio device wirelessly through Bluetooth®.

Preparation
• Switch on the Bluetooth® feature of the device and put the device near the system.
• Read the operating instructions of the device for details.

■ Pairing a device

Preparation
If this system is connected to a Bluetooth® device, disconnect it (➡ "Disconnecting a device").

1 Press [ ].
If "PAIRING" is shown, continue with step 4.

2 Press [PLAY MENU] to select "PAIRING".
Or press and hold [–PAIRING] on the main unit until "PAIRING" is shown. Continue with step 4.

3 Press [▲, ▼] to select "OK? YES" and then press [OK].
"PAIRING" is shown.
To cancel, select "OK? NO".

4 Select "SC-PM250" from the Bluetooth® menu of the device.
If prompted for a passkey, input "0000".
The device connects with this system automatically after pairing is complete.
The name of the connected device is shown for a few seconds.

Note:
You can pair up to 8 devices with this system. If a 9th device is paired, the device that has not been used for the longest time will be replaced.

■ Connecting a device

Preparation
If this system is connected to a Bluetooth® device, disconnect it (➡ "Disconnecting a device").

1 Press [ ].
"BLUETOOTH READY" is shown.

2 Select "SC-PM250" from the Bluetooth® menu of the device.
The name of the connected device is shown for a few seconds.

3 Start playback on the device.

Note:
• A device must be paired to connect.
• This system can only connect to one device at a time.
• When "BLUETOOTH" is selected as the source, this system will automatically try to connect to the last connected device.

■ Disconnecting a device

1 Press [ ].

2 Press [PLAY MENU] repeatedly to select "DISCONNECT?".

3 Press [▲, ▼] to select "OK? YES" and then press [OK].
"BLUETOOTH READY" is shown.
To cancel, select "OK? NO".

Using the main unit
Press and hold [–PAIRING] until "PAIRING" is shown.

Note:
A device is disconnected when you:
• Select a different source.
• Move the device out of the maximum range.
• Disable the Bluetooth® transmission of the device.
• Switch off the system or the device.

Media playback

The following marks indicate the availability of the feature.

CD:	CD-R/RW in CD-DA format or with MP3 files.
USB:	USB device with MP3 files.
BLUETOOTH:	Bluetooth® device.

Basic playback

CD USB BLUETOOTH

Play	Press [▶/Ⅱ].
Stop	Press [■]. **USB** The track is memorised. "RESUME" is shown. Press again to stop fully.
Pause	Press [▶/Ⅱ]. Press again to continue playback.
Skip	Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ] to skip track. **CD USB** Press [▲, ▼] to skip MP3 album.
Search	Press and hold [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ].

Note:
Depending on the Bluetooth® device, some operations may not work.

Viewing available information

CD USB BLUETOOTH

You can view the available information on the display panel.
Press [DISPLAY].

Note:
• Maximum characters that can be shown:
  CD USB: approximately 32
  BLUETOOTH: approximately 16
• This system supports ver. 1.0, 1.1 and 2.3 ID3 tags.
• Text data that the system does not support can show differently.
• Example: MP3 album and track number display.
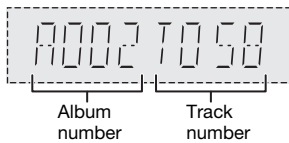
Album number   Track number

Play menu

CD USB

1 Press [PLAY MENU] repeatedly to select "PLAYMODE" or "REPEAT".

2 Press [▲, ▼] to select the setting and then press [OK].

PLAYMODE

OFF PLAYMODE	Cancel the setting.
1-TRACK 1TR	Play one selected track. Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ] to select the track.
1-ALBUM 1ALBUM	Play one selected MP3 album. Press [▲, ▼] to select the MP3 album.
RANDOM RND	Play all tracks randomly.
1-ALBUM RANDOM 1ALBUM RND	Play all tracks in one selected MP3 album randomly. Press [▲, ▼] to select the MP3 album.

REPEAT

| OFF REPEAT | Cancel the setting. |
| ON REPEAT
⟳ | Repeat playback. |

Note:
• During random playback, you cannot skip to tracks which have been played.
• The setting is cancelled when you open the disc tray.

Link mode

BLUETOOTH

You can change the link mode to suit the connection type.

Preparation
If this system is connected to a Bluetooth® device, disconnect it (➡ "Disconnecting a device").

1 Press [PLAY MENU] repeatedly to select "LINK MODE".

2 Press [▲, ▼] to select the mode and then press [OK].

| MODE 1 | Emphasis on connectivity. |
| MODE 2 (default) | Emphasis on sound quality. |

Note:
Select "MODE 1" if the sound is interrupted.

Input level

BLUETOOTH

You can change the input level setting if the sound input level of the Bluetooth® transmission is too low.

1 Press [PLAY MENU] repeatedly to select "INPUT LEVEL".

2 Press [▲, ▼] to select the level and then press [OK].

LEVEL 0 ↔ LEVEL +1 ↔ LEVEL +2
(default)

Note:
Select "LEVEL 0" if the sound is distorted.

Note on disc
• This system can play CD-R/RW with CD-DA or MP3 format content.
• Before playback, finalise the disc on the device it was recorded on.
• Some CD-R/RW cannot be played because of the condition of the recording.

Note on USB device
• This system supports USB 2.0 full speed.
• This system can support USB devices of up to 32 GB.
• Only FAT 12/16/32 file system is supported.

Note on MP3 file
• Files are defined as tracks and folders are defined as albums.
• Tracks must have the extension ".mp3" or ".MP3".
• Tracks will not necessarily be played in the order you recorded them.
• Some files can fail to work because of the sector size.

MP3 file on disc
• This system can access up to:
  – 255 albums (including root folder)
  – 999 tracks
  – 20 sessions
• Disc must conform to ISO9660 level 1 or 2 (except for extended formats).

MP3 file on USB device
• This system can access up to:
  – 800 albums (including root folder)
  – 8000 tracks
  – 999 tracks in one album

Radio

Preparation
For Australia and New Zealand
Press [RADIO] to select "FM" or "AM".
For others
Press [RADIO].

Manual tuning

1 Press [PLAY MENU] repeatedly to select "TUNEMODE".

2 Press [▲, ▼] to select "MANUAL" and then press [OK].

3 Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ] to tune in to the station.
To tune automatically, press and hold the button until the frequency starts changing quickly.
"STEREO" is shown when a stereo broadcast is being received.

To memorise the setting
Continue with step 4 of "Manual presetting".

Memory presetting

You can preset up to 30 FM stations.
For Australia and New Zealand
You can preset up to 15 AM stations.

■ Automatic presetting

1 Press [PLAY MENU] to select "A.PRESET".

2 Press [▲, ▼] to select the setting and then press [OK].

| LOWEST | Tuning begins from the lowest frequency. |
| CURRENT | Tuning begins from the current frequency. |

The tuner presets all the stations it can receive into the channels in ascending order.
To cancel, press [■].

■ Manual presetting

1 Press [PLAY MENU] repeatedly to select "TUNEMODE".

2 Press [▲, ▼] to select "MANUAL" and then press [OK].

3 Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ] to tune in to the station.

4 Press [OK].

5 Press [▲, ▼] to select a preset number and then press [OK].
Do steps 3 through 5 again to preset more stations.
The new station replaces any station that occupies the same preset number.

■ Selecting a preset station

1 Press [PLAY MENU] repeatedly to select "TUNEMODE".

2 Press [▲, ▼] to select "PRESET" and then press [OK].

3 Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ] to select the preset station.

Improving the sound quality

When "FM" is selected

1 Press [PLAY MENU] repeatedly to select "FM MODE".

2 Press [▲, ▼] to select "MONO" and then press [OK].
To cancel, select "STEREO".
"MONO" is also cancelled when you change the frequency.

Checking the signal status

When "FM" is selected
Press [DISPLAY].

FM	The FM signal is in monaural. The system is not tuned in to a station.
FM ST	The FM signal is in stereo.
FM MONO	"MONO" is selected as the "FM MODE".

AM allocation setting
For Australia and New Zealand

This system can also receive AM broadcasts allocated in 10 kHz steps.

1 Press [RADIO] to select "AM".

2 Press and hold [SELECTOR] on the main unit.

After a few seconds, the display panel shows the current minimum radio frequency. Release the button when the minimum frequency changes.
• To go back to the initial setting, do the above steps again.
• Preset frequencies are erased after you change the setting.

Clock and timers

Setting the clock

This is a 24-hour clock.

1 Press [SETUP] repeatedly to select "CLOCK".

2 Press [▲, ▼] to set the time and then press [OK].

To check the time
Press [SETUP] repeatedly to select "CLOCK" and then press [OK].
In standby mode, press [DISPLAY].

Note:
Reset the clock regularly to maintain accuracy.

Sleep timer

The sleep timer switches off the system after the set time.

1 Press [SETUP] to select "SLEEP".

2 Press [▲, ▼] to select the setting (in minutes) and then press [OK].
To cancel, select "OFF".

SLEEP 30 ↔ SLEEP 60 ↔ SLEEP 90 ↔ SLEEP 120
↓ ← OFF ←

Note:
• The remaining time is always shown on the display. The display changes temporarily when you perform other operations.
• The sleep timer can be used together with the play timer.
• The sleep timer always comes first. Be sure not to set an overlap of timers.

Play timer
(Except for Bluetooth® source)
You can set the timer to come on at a certain time to wake you up.

Preparation
Set the clock.

1 Press [SETUP] repeatedly to select "TIMER ADJ".

2 Press [▲, ▼] to set the start time and then press [OK].

3 Do step 2 again to set the end time.

4 Press [▲, ▼] to select the source you want to play and then press [OK].

To start the timer

1 Press [SETUP] repeatedly to select "TIMER SET".

2 Press [▲, ▼] to select "SET" and then press [OK].
"⊘" is shown.
To cancel, select "OFF".
The system must be switched off for the timer to operate.

To check the setting
Press [SETUP] repeatedly to select "TIMER ADJ" and then press [OK].
In standby mode, press [DISPLAY] two times.

Note:
• The timer starts at a low volume and increases gradually to the preset level.
• The timer comes on at the set time every day if the timer is on.
• If you switch off the system and then switch on again while a timer is in operation, the timer will not stop at the end time.

Sound effects

1 Press [SOUND] repeatedly to select the sound effect.

2 Press [▲, ▼] to select the setting and then press [OK].

PRESET EQ	"HEAVY" (default), "SOFT", "CLEAR", "VOCAL" or "FLAT"
BASS	–4 to +4 (default: 0) **Using the main unit** 1. Press [BASS]. 2. Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ].
TREBLE	–4 to +4 (default: 0) **Using the main unit** 1. Press [TREBLE]. 2. Press [Ⅰ◀◀/◀◀] or [▶▶/▶▶Ⅰ].
D.BASS	"ON D.BASS" (default) or "OFF D.BASS"
SURROUND	"ON SURROUND" or "OFF SURROUND" (default)

Others

Auto off

This system automatically switches off when you do not use it for 20 minutes.

1 Press [SETUP] repeatedly to select "AUTO OFF".

2 Press [▲, ▼] to select "ON" and then press [OK].
To cancel, select "OFF".

Note:
This function does not work when you are in radio source or when a Bluetooth® device is connected.

Bluetooth® standby

This function automatically switches on the system when you establish a Bluetooth® connection from a paired device.

1 Press [SETUP] repeatedly to select "BLUETOOTH STANDBY".

2 Press [▲, ▼] to select "ON" and then press [OK].
To cancel, select "OFF".

Checking the software version

1 Press [SETUP] repeatedly to select "SW VER." and then press [OK].
The software version is shown.

2 Press [OK] again to exit.

Maintenance

To clean this system, wipe with a soft, dry cloth.
• Never use alcohol, paint thinner or benzine to clean this system.
• Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Troubleshooting

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

■ Common problems

The unit does not work.
• The safety device has been activated. Do the following:
  1. Press [⏻] on the main unit to switch the unit to standby mode. If the unit does not switch to standby mode,
     – Press and hold the button for a minimum of 10 seconds. Or,
     – Disconnect the AC mains lead and connect it again.
  2. Press [⏻] again to switch on the unit. If the problem persists, consult your dealer.

No operations can be done with the remote control.
• Examine that the battery is installed correctly.

Sound is distorted or no sound.
• Adjust the volume of the system.
• Switch off the system, determine and correct the cause, and then switch on again. It can be caused by straining of the speakers through excessive volume or power, and when using the system in a hot environment.

A humming sound can be heard during playback.
• An AC mains lead or fluorescent light is near the cables. Keep other appliances and cords away from the cables of this system.

■ Disc

Display not shown correctly.
Playback does not start.
• You have not put in the disc correctly. Put it in correctly.
• Disc is dirty. Clean the disc.
• Replace the disc if it is scratched, warped, or non-standard.
• There is condensation. Let the system dry for 1 to 2 hours.

■ USB

The USB device or the contents in it cannot be read.
• The format of the USB device or the contents in it are not compatible with the system.
• USB devices with storage capacity of more than 32 GB cannot work in some conditions.

Slow operation of the USB device.
• Large content size or large memory USB device takes longer time to read.

The elapsed time shown is different from the actual play time.
• Transfer the data to another USB device or backup the data and reformat the USB device.

■ Radio

Sound is distorted.
• Use an optional outdoor antenna. The antenna should be installed by a competent technician.

A beat sound is heard.
• Switch off the TV or move it away from the system.
• Move mobile telephones away from the system if the interference is apparent.

A low hum is heard during AM broadcast.
• Separate the antenna from other cables and cords.

■ Bluetooth®

Pairing cannot be done.
• Check the Bluetooth® device condition.
• The device is out of the 10 m communication range. Move the device nearer to the system.

The device cannot be connected.
• The pairing of the device was unsuccessful. Do pairing again.
• The pairing of the device has been replaced. Do pairing again.
• This system might be connected to a different device. Disconnect the other device and try pairing the device again.

The device is connected but audio cannot be heard through the system.
• For some built-in Bluetooth® devices, you have to set the audio output to "SC-PM250" manually. Read the operating instructions of the device for details.

Sound from the device is interrupted.
• The device is out of the 10 m communication range. Move the device nearer to the system.
• Remove any obstacle between the system and the device.
• Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Move the device nearer to the system and distance it from the other devices.
• Select "MODE 1" for stable communication.

Playback image and sound are not synchronised.
• Restart the playback app of the device.

■ Main unit displays

"--:--"
• You connected the AC mains lead for the first time or there was a power failure recently. Set the clock.

"ADJUST CLOCK"
• The clock is not set. Adjust the clock.

"ADJUST TIMER"
• The play timer is not set. Adjust the play timer.

"AUTO OFF"
• The system has not been used for 20 minutes and will switch off within a minute. To cancel, press any button.

"ERROR"
• An incorrect operation was done. Read the instructions and try again.

"F61"
"F77"
• Disconnect the AC mains lead and consult your dealer.

"F70"
• Examine the Bluetooth® device.
• Disconnect the Bluetooth® device. Switch off the system and then switch on again.

"F76"
• There is a problem with the power supply.
• Disconnect the AC mains lead and consult your dealer.

"NODEVICE"
• The USB device is not connected. Examine the connection.

"NO DISC"
• You have not put in a disc.

"NO PLAY"
• Examine the content. You can only play supported format.
• The system may have a problem. Switch off the system and then switch on again.

"PLAYERROR"
• You played an unsupported MP3 file. The system will skip that track and play the next one.

"REMOTE 1"
"REMOTE 2"
• The remote control and the main unit are using different codes. Change the code of the remote control.
  – When "REMOTE 1" is shown, press and hold [OK] and [ ] for a minimum of 4 seconds.
  – When "REMOTE 2" is shown, press and hold [OK] and [USB/CD] for a minimum of 4 seconds.

"USB OVER CURRENT ERROR"
• The USB device is using too much power. Disconnect the USB device, switch off the system and then switch on again.

"–VBR–"
• The system cannot show the remaining play time for variable bit rate (VBR) tracks.

Remote control code

When other Panasonic equipment responds to the remote control of this system, change the remote control code for this system.

Preparation
Press [USB/CD] to select "CD".

■ To set the code to "REMOTE 2"

1 Press and hold [SELECTOR] on the main unit and [USB/CD] on the remote control.
"REMOTE 2" is shown.

2 Press and hold [OK] and [USB/CD] for a minimum of 4 seconds.

■ To set the code to "REMOTE 1"

1 Press and hold [SELECTOR] on the main unit and [ ] on the remote control.
"REMOTE 1" is shown.

2 Press and hold [OK] and [ ] for a minimum of 4 seconds.

System memory reset

Reset the memory when the following situations occur:
• There is no response when buttons are pressed.
• You want to clear and reset the memory contents.

1 Disconnect the AC mains lead.

2 While you press and hold [⏻] on the main unit, connect the AC mains lead again.
Continue to press and hold the button until "– – – – – – – –" is shown.

3 Release [⏻].
All the settings are set back to the factory preset.
It is necessary to set the memory items again.