Panasonic®

Operating Instructions

CD Stereo System

Model No. **SC-PMX7DB**

Thank you for purchasing this product.
Please read these instructions carefully before using this product,
and save this manual for future use.

Sales and Support Information

Customer Communications Centre
• For customers within the UK: 0844 844 3899
• For customers within Ireland: 01 289 8333
• Monday–Friday 9:00 am – 5:00 pm
  (Excluding public holidays).
• For further support on your product, please visit our website:
  www.panasonic.co.uk

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

Model number suffix "EB" denotes UK model.

Table of contents

EB

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Do the procedures with the remote control. You can also use the buttons on the main unit if they are the same.

Your system and the illustrations can look differently.

These operating instructions are applicable to the following system.

System	SC-PMX7DB
Main unit	SA-PMX7DB
Speakers	SB-PMX7

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 only the recommended accessories.
  - Do not remove covers.
  - Do not repair this unit by yourself. Refer servicing to qualified service personnel.

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.
- This unit is intended for use in moderate climates.
- The mains plug is the disconnecting device.
  Install this unit so that the mains plug can be unplugged from the socket outlet immediately.
- 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.

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Battery
- 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.
- 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.
- Remove the battery if you do not use the remote control for a long period of time. Keep in a cool, dark area.
- 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.

Made for
iPod iPhone iPad

"Made for iPod", "Made for iPhone", and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.
iPad, iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

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

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

Information for Users on Collection and Disposal of Old Equipment and used Batteries

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

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

For business users in the European Union
If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]
These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.
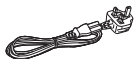
Note for the battery symbol (bottom two symbol examples):
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.
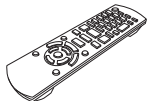
Cd

Supplied accessories

Check and identify the supplied accessories.

1 x AC mains lead
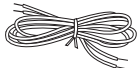(K2CT2YY00097)

1 x Remote control
(N2QAYB000896)

1 x DAB antenna
(N1EADY000001)

1 x Remote control battery
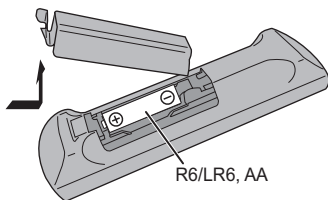
2 x Speaker cables
(RFAV0074A-1)

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.

## Preparing the remote control

R6/LR6, AA

Use alkaline or manganese battery.

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

Point the remote control at the remote control sensor, away from obstacles, at a maximum range of 7 m directly in front of the main unit.
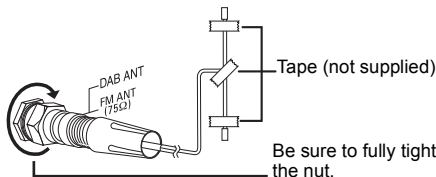
Making the connections

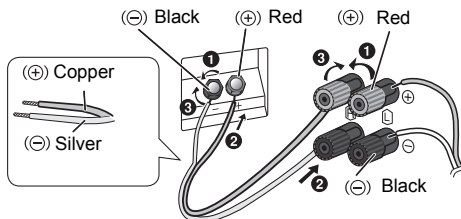**Connect the AC mains lead only after all the other connections have been made.**

To household mains socket
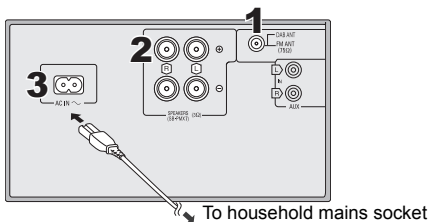
1 Connect the DAB antenna.

Place the antenna where reception is best.
• Use DAB outdoor antenna (not supplied) for better reception.

DAB ANT
FM ANT
(75Ω)

Tape (not supplied)

Be sure to fully tighten the nut.

2 Connect the speakers.

(⊖) Black   (⊕) Red   (⊕) Red

(⊕) Copper
(⊖) Silver

(⊖) Black

Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.

3 Connect the AC mains lead.

Do not use an AC mains lead with other equipment.

READ THE CAUTION FOR AC MAINS LEAD ON BACK COVER BEFORE CONNECTION.

Conserving power

The system consumes approximately 0.4 W 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.

Connecting other equipment

You can connect a VCR, DVD player etc.

DVD player (not supplied)

AUDIO OUT

Rear panel of this main unit

L
IN
R
AUX

Audio cable (not supplied)
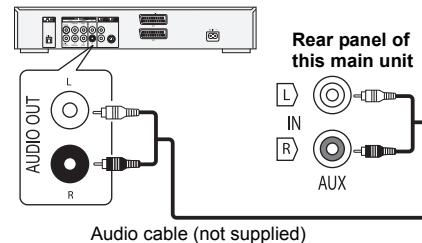
Note:
• Disconnect the AC mains lead before connection.
• Switch off all equipment and read the appropriate operating instructions.
• Components and cables are sold separately.
• If you want to connect equipment other than those described, refer to the audio dealer.
• Sound distortion can occur when you use an adaptor.

Placement of speakers

Tweeter

Place the speakers so that the tweeter is on the inner side. To prevent damage to the speakers, do not touch the speaker cones if you remove the nets.

Use only the supplied speakers.
The combination of the main unit and speakers give the best sound. 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 system and decrease the life of the system.
• Decrease the volume in these conditions to prevent damage:
  - When you play distorted sound.
  - 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.**

Overview of controls

Top view
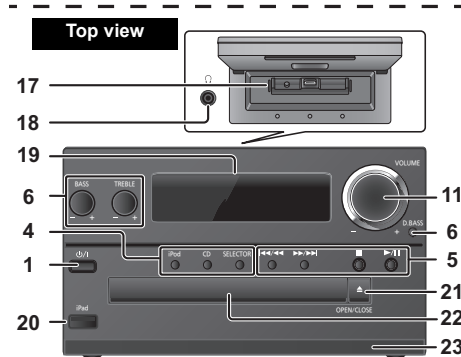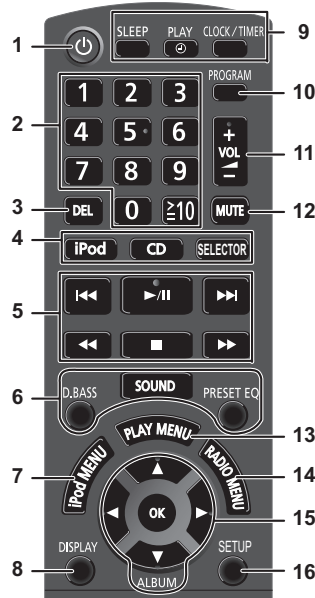
1 **Standby/on switch [⏻], [⏻/l]**
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

2 Numeric buttons [1 to 9, 0, ≧10]
To select a 2-digit number
Example: 16: [≧10] → [1] → [6]

3 Delete a programmed track

4 **Select audio source**
[iPod]: "iPod_Dock" ↔ "iPod_Port" / "USB"
[CD]: "CD"
[SELECTOR]:
"CD" → "BLUETOOTH" → "DAB/DAB+" → "FM"
↱ "iPod_Port" / "USB" ← "iPod_Dock" ← "AUX" ↵

5 Basic playback control

6 Select the sound effects

7 View the iPod menu

8 View content information

9 Clock and timer operation

10 Set the programme function

11 Adjust the volume of the system

12 **Mute the sound of the system**
Press the button again to cancel.
"MUTE" is also cancelled when you adjust the volume or when you switch off the system.

13 Set the play menu item

14 Set the radio menu item

15 Select the option

16 Enter setup menu

17 "iPod_Dock" for iPod/iPhone

18 **Headphones jack (⌂)**
• Plug type: Ø 3.5 mm stereo (not supplied)
• Avoid listening for prolonged periods of time to prevent hearing damage.
• Excessive sound pressure from earphones and headphones can cause hearing loss.
• Listening at full volume for long periods may damage the user's ears.

19 Display panel

20 "iPod_Port" for iPod/iPhone/iPad and USB devices

21 Open or close the disc tray

22 Disc tray

23 Remote control sensor

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Inserting media

Select "iPod_Dock" as the source
Open the cover and connect an iPod/iPhone with Lightning connector.

iPod/iPhone
(not supplied)

Lightning connector
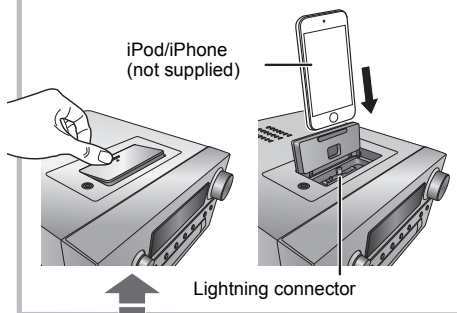
Select "CD" as the source

OPEN/CLOSE

Select "iPod_Port" as the source
"USB" is displayed when a compatible USB device is inserted.
• Do not connect the following models:
iPod classic, iPod [4th (colour display), and 5th (video) generation], iPod nano (1st generation)
Unexpected behaviour may occur.

iPad

"iPod_Dock" (Using Lightning connector):
• Make sure that the iPod/iPhone is fully inserted and its back is resting against the cushion pad.
• Make sure to remove the iPod/iPhone from its case.
• Make sure to align your iPod/iPhone with the connector when inserting.

"iPod_Port":
• Use the dedicated USB cable (not supplied) for iPod/iPhone/iPad.
• Insert the USB device directly. Do not use any USB extension cable.
• Before removing the USB device, select a source other than "USB".

Disc tray:
• Remove the CD only after it stops rotating.

Charging an iPod/iPhone/iPad

Charging starts when an iPod/iPhone/iPad is connected to this system.
• During standby mode, charging will not start from the "iPod_Port" connection, however it will start as usual from the "iPod_Dock" connection.
  - To charge from the "iPod_Port" connection, start the charging before turning this unit to standby mode.
• See the iPod/iPhone/iPad display for its battery charging status.
• Disconnect the iPod/iPhone/iPad if it is not used for an extended period of time after charging is complete.
• Charging stops when the battery is fully charged. The battery will deplete naturally.

Media information

• Please be aware that Panasonic accepts no responsibility for the loss of data and/or information.

Compatible iPod/iPhone/iPad (as of January 2013)

Compatible with "iPod_Dock" connection (Using Lightning connector)

iPod touch (5th generation)
iPod nano (7th generation)
iPhone 5

Compatible with "iPod_Port" connection [Using dedicated USB cable (not supplied)]

iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod nano (2nd, 3rd, 4th, 5th, 6th, and 7th generation)
iPhone 5 / iPhone 4S / iPhone 4 / iPhone 3GS / iPhone 3G / iPhone
iPad (3rd, and 4th generation) **/ iPad 2 / iPad**
iPad mini

Note:
• Compatibility depends on the software version. Update your iPod/iPhone/iPad to the latest software before using it with this unit.
• Read the User Guide of the iPod/iPhone/iPad for the operating instructions.

Compatible USB devices

• USB devices that support bulk-only transfer.
• USB devices that support USB 2.0 full speed.

Note:
• Files are defined as tracks and folders are defined as albums.
• Track must have the extension ".mp3" or ".MP3".
• This system can access up to:
  - 255 albums (including root folder)
  - 2500 tracks
  - 999 tracks in one album
• CBI (Control/Bulk/Interrupt) is not supported.
• Some files can fail to work because of the sector size.
• NTFS file system is not supported (only FAT12/FAT16/FAT32 file system is supported).

Compatible CD

• This system can play CD-R/RW with CD-DA or MP3 format content.
• Disc must conform to ISO9660 level 1 or 2 (except for extended formats).

Note:
• Some CD-R/RW cannot be played because of the condition of the recording.
• MP3 files are defined as tracks and folders are defined as albums.
• This system can access up to:
  - CD-DA: 99 tracks
  - MP3: 999 tracks, 255 albums (including root folder) and 20 sessions
• Recordings will not necessarily be played in the order you recorded them.

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Bluetooth® operations

By using the Bluetooth® connection, you can listen to the sound from the Bluetooth® audio device from this system wirelessly.
Refer to the operating instructions of the Bluetooth® device for details.

Pairing Bluetooth® devices

Preparation
• Turn on the Bluetooth® feature of the device and place the device near this system.
• If this system is already connected to a Bluetooth® device, disconnect it.

1 Press [SELECTOR] repeatedly to select "BLUETOOTH".
   If "Pairing" is indicated on the display, go to step 3.

2 Press [PLAY MENU] to select "New Device" and then press [OK].
   "Pairing" is indicated on the display.

3 Select "SC-PMX7" from the Bluetooth® device's Bluetooth® menu.

4 Start play on the Bluetooth® device.

Note:
• If prompted for the passkey, input "0000".
• You can register 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 paired Bluetooth® device

Preparation
• Turn on the Bluetooth® feature of the device and place the device near the speaker unit.
• If this system is already connected to a Bluetooth® device, disconnect it.

1 Press [SELECTOR] repeatedly to select "BLUETOOTH".
   "Ready" is indicated on the display.

2 Select "SC-PMX7" from the Bluetooth® device's Bluetooth® menu.
   The name of the connected device is indicated on the display for 2 seconds.

3 Start play on the Bluetooth® device.

Note:
• This system can only be connected to one device at a time.
• When "BLUETOOTH" is selected as the source, this system will automatically try and connect to the last connected Bluetooth® device.
• The Bluetooth® device will be disconnected if a different audio source (e.g., "CD") is selected.

Bluetooth® transmission mode

You can change the transmission speed to prioritize transmission quality or sound quality.

• The default setting is "Mode 1".
• To enjoy a higher sound quality, select "Mode 2".

Preparation
• Press [SELECTOR] repeatedly to select "BLUETOOTH".
• If a Bluetooth® device is already connected, disconnect it.

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: Emphasis on sound quality

Bluetooth® input level

If the sound input level of the Bluetooth® transmission is too low, change the input level setting.

Preparation
• Connect a Bluetooth® device.

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"

Note:
• Select "Level 0" if the sound is distorted.

Disconnecting a Bluetooth® device

1 While a Bluetooth® device is connected:
   Press [PLAY MENU] to select "Disconnect?".

2 Press [◄, ►] to select "OK? Yes" and then press [OK].

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

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

Certification of this device
• This system conforms to frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
• The actions below are punishable by law in some countries:
   - Taking apart or modifying this system.
   - 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 system 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).

Media Playback operations

The following marks indicate the availability of the feature.

CD: CD audio in CD-DA format and a CD that contains MP3 files
iPod: Compatible iPod/iPhone/iPad
USB: USB devices containing MP3 files
Bluetooth: Connected Bluetooth® device

Preparation
• Turn the unit on.
• Insert the media or connect the Bluetooth® device.
• Press [CD], [iPod] or [SELECTOR] to select the audio source.

Basic play CD iPod USB Bluetooth

Play	Press [▶/❚❚].
Stop	Press [■]. • **USB**: The position is memorised and "Resume" is displayed. • **USB**: Press [■] two times to stop the playback fully.
Pause	Press [▶/❚❚]. Press again to continue playback.
Skip	Press [◀◀] or [▶▶❘] to skip track. (main unit: [❘◀◀/◀◀] or [▶▶/▶▶❘]) **CD USB**: Press [▲] or [▼] to skip the MP3 album.
Search	During play or pause Press and hold [◀◀] or [▶▶]. (main unit: [❘◀◀/◀◀] or [▶▶/▶▶❘]) • **iPod**: Backwards search is only within the current track.
iPod **View iPod menu**	Press [iPod MENU].
iPod **Select an item**	Press [▲, ▼] and then press [OK].

Note:
• Depending on the model (e.g., iPod nano 7th generation, etc.), it may be necessary to select the album, artist, etc. on the iPod/iPhone.
• Operation results may vary depending on the iPod/iPhone/iPad models.

Viewing available information CD USB Bluetooth

Press [DISPLAY].

eg. MP3   ♪ : Track   ⌐┐ : Album
           TAG: ID3 tags

Note:
• Maximum characters that can be shown: approximately 32
• This system supports ver. 1.0, 1.1 and 2.3 ID3 tags.
• Text data that the system does not support can show differently.

Play menu CD USB

1 **Press [PLAY MENU] to select "Repeat", "Random" or "PLAYMODE".**

2 **Press [◀, ▶] and then press [OK] to select the desired mode.**

Repeat

Off	Select to cancel repeat playback.
1-Track	Only plays the selected track. • "1TR, ⌐┐" is displayed. (Skip to the desired track.)
All	All tracks are repeated. • " ⌐┐ " is displayed.

Random

On	Plays the contents randomly. • "RND" is displayed. • "RND" will not be displayed when "1-Track" is selected.
Off	Random playback is turned off.

PLAYMODE

All	Play all MP3 tracks.
1-Album	Only plays the selected MP3 album. • "1ALBUM" is displayed.

Note:
• During random playback, you cannot skip to tracks which have been played or press the numeric buttons.
• Playmode function does not work with "Programme playback".
• The setting returns to the default "Off" when you open the disc tray.

Programme playback CD USB

This function allows you to programme up to 24 tracks.
CD (CD-DA)
1 **Press [PROGRAM] in the stop mode.**
"PGM" is shown.
2 **Press the numeric buttons to select the desired track.**
Do this step again to programme other tracks.
3 **Press [▶/❚❚] to start playback.**

CD (MP3), **USB**
1 **Press [PROGRAM] in the stop mode.**
"PGM" is shown.
2 **Press [▲, ▼] to select the desired album.**
3 **Press [▶▶❘] and then press the numeric buttons to select the desired track.**
4 **Press [OK].**
Do steps 2 through 4 again to programme other tracks.
5 **Press [▶/❚❚] to start playback.**

Cancel programme mode	Press [PROGRAM] in the stop mode.
Check programme contents	Press [◀◀] or [▶▶❘] when "PGM" is shown in the stop mode.
Clear the last track	Press [DEL] in the stop mode.
Clear all programmed tracks	Press [■] in the stop mode. "CLR All" is shown. Within 5 seconds, press [■] again.

Note:
• The programme memory is cleared when you open the disc tray.

Radio

30 FM stations can be preset.

Preparation
Press [SELECTOR] repeatedly to select "FM".

Automatic presetting

1 Press [RADIO MENU] to select "Auto Preset".

2 Press [◄, ►] to select "Lowest" or "Current" frequency.

3 Press [OK] to start presetting.
To cancel, press [■].

Manual tuning and presetting

1 Press [◄◄] or [►►] to tune in to the station.
To tune automatically, press and hold the button until the frequency starts changing quickly.

2 Press [PROGRAM].

3 Press the numeric buttons to select a preset number.
Do steps 1 through 3 again to preset more stations. The new station replaces any station that occupies the same preset number.

Selecting a preset station

Press the numeric buttons, [I◄◄] or [►►I] (main unit: [I◄◄/◄◄] or [►►/►►I]) to select the preset station.

Improving the sound quality

1 Press [RADIO 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.

To memorise the setting
Continue with steps 2 and 3 of "Manual tuning and presetting".

DAB/DAB+

This system support DAB in "BAND III" bands.

Preparation
Press [SELECTOR] repeatedly to select "DAB/DAB+".

If you select "DAB/DAB+" for the first time, the system will start the "DAB Auto Scan" procedure.

Note:
• If no station is detected, "Scan Failed" is shown. Adjust the antenna and try again.

DAB auto scan

1 Press [RADIO MENU] to select "Auto Scan" and then press [OK].
"Start?" is shown.

2 Press [OK].
"DAB Auto Scan" is shown.

DAB manual tuning

To find the best antenna position, use manual tuning to search selected DAB frequency block.
Preparation
Select the desired "Scan Mode" (⇨ "DAB settings").

1 Press [RADIO MENU] repeatedly to select "Manual Scan".

2 Press [◄, ►] to select a frequency block to scan and then press [OK].

Memory presetting

1 Press [◄◄] or [►►] to select a station.

2 Press [PROGRAM].

3 Press the numeric buttons to select a preset number.
Do steps 1 through 3 again to preset more stations.

Note:
• A station previously stored is overwritten when another station is stored in the same preset number.
• You cannot preset a station when the station is not broadcasting or when you have selected a secondary service.
• Previous station memory is cleared during auto scan.

Selecting a preset station

Press the numeric buttons, [I◄◄] or [►►I] (main unit: [I◄◄/◄◄] or [►►/►►I]) to select the preset station.

Viewing available information

You can view information about the DAB broadcast, programme type, ensemble label, frequency and time.
Press [DISPLAY] to view available information.

DAB settings

1 Press [RADIO MENU] to select an option.

2 Press [◄, ►] to select the desired setting and then press [OK].

DAB Secondary

Primary	To listen to primary service.
Secondary	To listen to secondary services. "▼" is shown.

Auto Clock Adj

| On Adjust	Start auto clock adjustment.
Off Adjust	Cancel auto clock adjustment.

Scan Mode

Local	Scan stations on frequencies used in the United Kingdom.
All Band III	Scan stations on other frequencies.

DAB signal quality

When adjusting the antenna, you can check the reception quality.

1 Press [RADIO MENU] repeatedly to select "Signal Quality".

2 Press [◄, ►] to select frequency.

Frequency   Frequency block   Reception quality 0 (poor) to 8 (excellent)
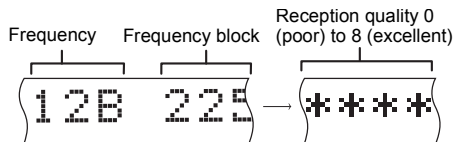
Clock and timers

Setting the clock

This is a 24-hour clock.

1 Press [CLOCK/TIMER] to select "CLOCK".

2 Within 10 seconds, press [▲, ▼] to set the time.

3 Press [OK].

Press [CLOCK/TIMER] to show the clock for a few seconds.

Note:
• Reset the clock regularly to maintain accuracy.

Sleep timer

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

Press [SLEEP] repeatedly to select the setting (in minutes).
To cancel, select "Off".

30min → 60min → 90min → 120min → Off

To show the remaining time
Press [SLEEP].

Note:
• 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

You can set the timer to come on at a certain time to wake you up.

Preparation
Set the clock.

1 Press [CLOCK/TIMER] repeatedly to select "TIMER Adjust".

2 Within 8 seconds, press [▲, ▼] to set the start time.

3 Press [OK].

4 Do steps 2 and 3 again to set the end time.

To start the timer

1 Prepare the audio source you want to listen to and set the volume.

2 Press [⏰, PLAY].
"⏰" is shown.
To cancel, press [⏰, PLAY] again.
The system must be switched off for the timer to operate.

To check the settings
Press [CLOCK/TIMER] repeatedly to select "TIMER Adjust".

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 switch on again while a timer is in operation, the timer will not stop at the end time.

Sound effects

Changing the sound quality

1 Press [SOUND] to select a sound effect.

2 Press [◄, ►] to select the desired setting.

BASS	-4 to +4
TREBLE	
Surround	"On Surround" or "Off Surround"

By main unit only
Turn [BASS] or [TREBLE] to adjust the level.

Preset EQ

Press [PRESET EQ] to select a setting.

Heavy	Adds punch to rock
Soft	For background music
Clear	Clarifies higher frequencies
Vocal	Adds gloss to vocal
Flat	Cancels the sound effect

D.BASS

This function lets you enjoy a powerful bass effect.
Press [D.BASS] to select "On D.BASS" or "Off D.BASS".

Using the auxiliary input

You can connect a VCR, DVD player etc. and listen to the audio through this system.

Preparation
Connect the external equipment.

1 Press [SELECTOR] repeatedly to select "AUX".

2 Play the external equipment.

Others

Decrease the brightness of the display panel

1 Press [SETUP] to select "Dimmer".

2 Press [◄, ►] to select "On" and then press [OK].

Note:
• To cancel, select "Off" in step 2.

Automatically switch off the system

This function switches off the system (except in radio source) if you do not use the system for approximately 30 minutes.

1 Press [SETUP] repeatedly to select "Auto Off".

2 Press [◄, ►] to select "On" and then press [OK].

Note:
• To cancel, select "Off" in step 2.
• When connected to a Bluetooth® device, this function does not work.

VQT4X47

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

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, then switch the system 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.

Radio, DAB/DAB+

Reception is poor or a beat sound is heard.
• Keep the antenna away from computers, TVs, other cables and cords.
• Use an outdoor antenna.
• Switch off the TV or move it away from the system.

iPod/iPhone/iPad

You cannot switch on the iPod/iPhone/iPad.
• Examine that the battery of the iPod/iPhone/iPad is not depleted.
• Switch off the iPod/iPhone/iPad and the system before you connect the iPod/iPhone/iPad. Connect the iPod/iPhone/iPad and try again.

No sound.
• Switch off the iPod/iPhone/iPad and remove from the system. Connect the iPod/iPhone/iPad to the system and switch it on and play it again.

iPod/iPhone/iPad does not charge.
• Examine the connection.
• Charging an iPod/iPhone/iPad whose battery is depleted:
  - When using the "iPod_Port" connection, turn this system on. Do not turn this system off until the iPod/iPhone/iPad becomes operational.
  - When using the "iPod_Dock" connection, "Checking Connection" will be displayed until the iPod/iPhone becomes operational, but this system will have begun charging.

USB

The USB device or the contents in it cannot be read.
• The format of the USB device or the contents in it is/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.

Bluetooth®

Pairing cannot be done.
• Check the Bluetooth® device condition.

The device cannot be connected.
• The pairing of the device was unsuccessful or the registration has been replaced. Try pairing the device 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 this system.
• For some built-in Bluetooth® devices, you have to set the audio output to "SC-PMX7" manually. Read the operating instructions for the device for details.

The sound is interrupted.
• The device is out of the 10 m communication range. Bring the Bluetooth® device closer to this system.
• Remove any obstacle between this system and the device.
• Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this system and distance it from the other devices.
• Select "Mode 1" for stable communication. (⇨ 6)

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"
• Clock is not set. Adjust the clock accordingly.

"Adjust TIMER"
• Play timer is not set. Adjust the play timer accordingly.

"Auto Off"
• The unit has been left unused for about 30 minutes and will shut down in a minute. Press any button to cancel it.

"Checking Connection"
• The unit is checking the connected iPod/iPhone/iPad. If this display keeps appearing, make sure that iPod/iPhone/iPad is inserted correctly and try again.

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

"F61" or "F76"
• There is a power supply problem.

"iPod_Dock Over Current Error"
"iPod_Port Over Current Error"
• The iPod/iPhone/iPad or USB device is drawing too much power. Remove the iPod/iPhone/iPad or USB device. Switch the system off and on again.

"No Device"
• The iPod/iPhone/iPad or USB device is not connected. Examine the connection.

"No Disc"
• You have not put in a disc or put in a disc that the system cannot play.

"No Memory"
• There are no preset DAB/DAB+ stations to select. Preset some channels.

"No Play"
• Examine the content. You can only play supported format.
• If there are more than 255 albums or folders (audio and non-audio), some of the MP3 files in these albums cannot be read and played. Transfer these music albums to another USB device. Alternatively, reformat the USB device and save these music albums prior to saving the other non-audio folders.

"No Signal"
• This station cannot be received. Check your antenna.

"Not MP3/Error"
• An unsupported MP3 format. The system will skip that track and play the next one.

"Not Supported"
• You have inserted an iPod/iPhone/iPad that cannot be played.
• Switch off the iPod/iPhone/iPad and the system before you connect the iPod/iPhone/iPad. Connect the iPod/iPhone/iPad and try again.

"PGM Full"
• The number of programmed tracks is more than 24.

"Reading"
• The unit is checking the disc and USB device information. After this display has disappeared, start operating.

"Scan Failed"
• Stations are not receivable. Check your antenna and try DAB manual tuning.

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

Memory reset (initialisation)

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.**
Wait 3 minutes before you continue with step 2.

2 **While you press and hold [⏻/I] on the main unit, connect the AC mains lead again.**
"- - - - - - - - - - - -" is shown.

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

Remote control code

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

To set the code to "Remote 2"

1 **Press and hold [CD] on the main unit and [2] on the remote control until "Remote 2" is shown.**

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

To set the code to "Remote 1"

1 **Press and hold [CD] on the main unit and [1] on the remote control until "Remote 1" is shown.**

2 **Press and hold [OK] and [1] for a minimum of 4 seconds.**

Specifications

Amplifier section

RMS output power stereo mode
Front Ch (both ch driven)
60 W per channel (3 Ω), 1 kHz, 10% THD
Total RMS stereo mode power   120 W

Tuner section

Frequency modulation (FM)
Preset memory   30 stations
Frequency range
87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals   75 Ω (unbalanced)

DAB section

DAB memories   20 channels
Frequency band (wavelength)
Band III (Local)
10B to 12D (211.648 MHz to 229.072 MHz)
Band III (All Band III)
5A to 13F (174.928 MHz to 239.200 MHz)
Sensitivity *BER 4x10^{-4}
Min requirement   –98 dBm
DAB external antenna Terminal   F-Connector (75 Ω)

Terminals section

"iPod_Port" connection
DC OUT 5 V 2.1 A (max)
USB standard   USB 2.0 full speed
Media file format support   MP3 (*.mp3)
USB device file system   FAT12, FAT16, FAT32
"iPod_Dock" connection
DC OUT 5 V 1.0 A (max)
Headphones jack   Stereo, Ø 3.5 mm jack
AUX input (rear)   Pin jack

Disc section

Disc played (8 cm or 12 cm)
CD, CD-R/RW (CD-DA, MP3)
Pick up
Wavelength   790 nm (CD)
Laser power   CLASS 1
Audio output (Disc)
Number of channels   2 ch (FL, FR)

Speaker section

Speaker unit(s)
Woofer   14 cm cone type x 1
Tweeter   1.9 cm dome type x 1
Super tweeter   1.5 cm piezo type x 1
Impedance   3 Ω
Dimensions (W x H x D) 161 mm x 238 mm x 262 mm
Mass   2.6 kg

Bluetooth® section

Bluetooth® system specification   V 3.0
Wireless equipment classification   Class 2
Supported profiles   A2DP, AVRCP, GAVDP
Frequency band   2402 MHz to 2480 MHz
(Adaptive Frequency Hopping)
Driving distance   10 m Line of sight
Prospective communication distance
Measurement environment:
Temperature 25 °C / Height 1 m
Measure in "Mode 1"

General

Power supply   AC 220 V to 240 V, 50 Hz
Power consumption   60 W
Dimensions (W x H x D) 210 mm x 120 mm x 266 mm
Mass   Approx. 3 kg
Operating temperature range   0°C to +40°C
Operating humidity range
35% to 80% RH (no condensation)

> **Power consumption in standby mode**
> (When the iPod/iPhone/iPad is not charging)
> **0.4 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.

VQT4X47

11

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
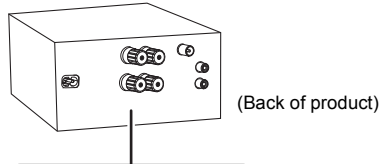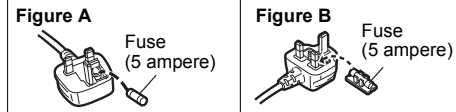Remove the connector cover.

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
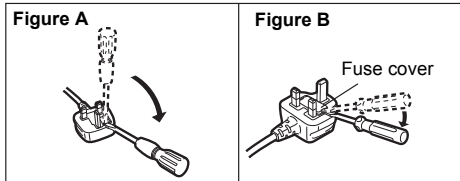
2. Replace the fuse and close or attach the fuse cover.

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

 (Back of product)

CLASS 1
LASER PRODUCT

CE1731

Declaration of Conformity (DoC)
Hereby, "*Panasonic Corporation*" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Customers can download a copy of the original DoC to our R&TTE products from our DoC server:
http://www.doc.panasonic.de
Contact to Authorised Representative: Panasonic Marketing Europe GmbH,
Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

This product is intended for general consumer. (Category 3)

Bluetooth®

EU

En
VQT4X47-1
F0113MH1023