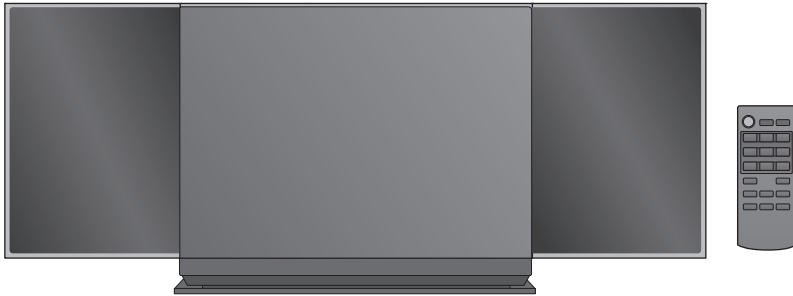# Panasonic®

Operating Instructions
Compact Stereo System

Model No. SC-HC57DB
SC-HC37DB
SC-HC37

Unless otherwise indicated, illustrations in this Operating Instructions are of SC-HC57DB.

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

Included Installation Instructions (⇨ 2, 6)
The installation should never be done by any other than a qualified installation specialist.
Before commencing work, carefully read these installation instructions and the operating instructions to ensure that installation is performed correctly.
(Please keep these instructions. You may need them when maintaining or moving this unit.)

GN

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.
  – Do not let metal objects fall inside this unit.
  – Do not place heavy items on this unit.

AC mains lead

- To reduce the risk of fire, electric shock or product damage,
  – Ensure that the power supply voltage corresponds to the voltage printed on this unit.
  – Insert the mains plug fully into the socket outlet.
  – Do not pull, bend, or place heavy items on the lead.
  – Do not handle the plug with wet hands.
  – Hold onto the mains plug body when disconnecting the plug.
  – Do not use a damaged mains plug or socket outlet.
- Install this unit so that the AC mains lead can be unplugged from the socket outlet immediately if any problem occurs.

Button-type battery (Lithium battery)

- Risk of fire, explosion and burns. Do not recharge, disassemble, heat above **60 ºC** or incinerate.
- Keep the Button-Type battery out of the reach of children. Never put Button-Type battery in mouth. If swallowed call your doctor.
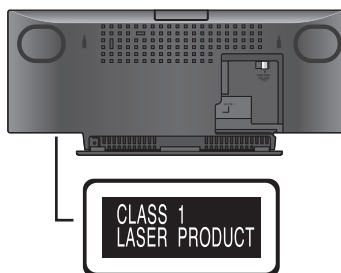
CAUTION

Unit

- 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.
- Do not place sources of naked flames, such as lighted candles, on this unit.
- 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 is intended for use in moderate climates.

Placement

- Place this unit on an even surface.
- 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 expose this unit to direct sunlight, high temperatures, high humidity, and excessive vibration.

Button-type battery (Lithium 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.
- Insert with poles aligned.
- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
  – Remove the battery if you do not intend to use the remote control for a long period of time. Store in a cool, dark place.
  – 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.

CLASS 1 LASER PRODUCT

CAUTION –	VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN < AND INTERLOCKS DEFEATED >, DO NOT STARE INTO BEAM. FDA 21 CFR / Class (a)
CAUTION –	CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1 +A2/ Class 1M
ATTENTION –	RAYONNEMENT LASER VISIBLE ET INVISIBLE, CLASSE 1M, EN CAS D'OUVERTURE ET LORSQUE LA SÉCURITÉ EST NEUTRALISÉE, NE PAS REGARDER DIRECTEMENT À L'AIDE D'INSTRUMENTS D'OPTIQUE.
VARNING –	KLASS 1M SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN DIREKT GENOM OPTISKT INSTRUMENT.
FORSIGTIG –	SYNLIG OG USYNLIG LASERSTRÅLING KLASSE 1M, NÅR LÅGET ER ÅBENT OG SIKKERHEDS AFBRYDERE ER UDE AF FUNKTION. UNDGÅ AT SE LIGE PÅ MED OPTISKE INSTRUMENTER.
VARO! –	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA LUOKAN 1M NAKYVAA JA NAKYMATONTA LASERSÄTEILYA, ALA KATSO OPTISELLA LAITTEELLA SUORAAN SATEESEEN.
VORSICHT –	SICHTBARE LASERSTRAHLUNG KLASSE 1M, WENN ABDECKUNG GEÖFFNET UND SICHERHEITSVERRIEGELUNGEN ÜBERBRÜCKT. NICHT DIREKT MIT OPTISCHEN INSTRUMENTEN BETRACHTEN.
PRECAUCIÓN –	RADIACIÓN LASER VISIBLE E INVISIBLE CLASE 1M AL ESTAR ABIERTO Y CON LOS INTERRUPTORES DE BLOQUEO DESHABILITADOS, NO MIRE DIRECTAMENTE CON INSTRUMENTOS ÓPTICOS.
注意 –	打开时及联失效除时有可见及不可见激光辐射。避免光束照射。 RQLXS1034

(Inside of product)

Product Identification Marking is located on the bottom of the unit.

-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.

Accessories

Check the supplied accessories before using this unit.

☐ **1 Remote control**   ☐ **1 AC mains lead**
   (with a battery)
   (N2QAYC000057)

☐ SC-HC57DB , SC-HC37DB
   1 DAB antenna

☐ SC-HC37   ☐ SC-HC37
   1 AM loop antenna   **1 FM indoor**
                           antenna

Wall mounting accessories

☐ **1 Safety holder**   ☐ **2 Wall mount**
                                 brackets

☐ **1 Screw**

📖
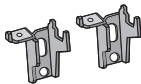
- Do not use AC mains lead with other equipment.
- Product numbers provided in this operating instructions are correct as of January 2012. These may be subject to change.

Table of contents

Operations in these instructions are described using the remote control, but you can do the operations with the main unit if the operations are the same.

3

RQT9640

Playable media

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

Compatible iPod/iPhone for docking

iPod touch
1st, 2nd, 3rd, and 4th generation

iPod nano
2nd, 3rd, 4th, 5th, and 6th generation

iPod classic

iPhone 4S / iPhone 4 / iPhone 3GS / iPhone 3G / iPhone

(as of January 2012)

● Compatibility depends on the software version. Update your iPod/iPhone to the latest software before using it with this unit.
● Depending on the model, it may be necessary to remove the iPod/iPhone and select the album, artist, etc. on the iPod/iPhone.
● Be sure to use a dock adapter that is compatible with your iPod/iPhone. To purchase a dock adapter, consult your iPod/iPhone dealer. If a dock adapter is not available, insert and remove the iPod/iPhone with care.

Charging the iPod/iPhone
The iPod/iPhone will start being charged once connected to this unit.
● In standby mode, "IPOD CHARGING" is shown on the main unit's display.
● Check the iPod/iPhone to see if the battery is fully charged. (Once fully recharged, additional recharging will not occur.)

Compatible CD

● A disc with the CD Logo.

● This unit can play back discs that conform to the CD-DA format.
● The unit may not be able to play some discs due to the condition of the recording.

Compatible USB devices

● This unit does not guarrantee connection with all USB devices.
● FAT12, FAT16 and FAT32 file systems are supported.
● This unit supports USB 2.0 full speed.
● This unit can support USB devices of up to 32 GB.

Compatible MP3 files

● Supported format: Files with the extension ".mp3" or ".MP3".
● Compatible compression rate: Between 64 kbps and 320 kbps (stereo).
● Depending on how you create the MP3 files, they may not play in the order you numbered them or may not play at all.

Creating MP3 files on a CD-R/RW
● Maximum number of tracks and albums: 999 tracks and 254 albums (Excluding Root folder).
● Disc formats: ISO9660 level 1 and level 2 (except for extended formats).
● 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.
● This unit cannot play files recorded using packet write.

Creating MP3 files on a USB device
● Maximum number of tracks and albums: 2500 tracks and 254 albums (Excluding Root folder).
● Only one memory card will be selected when connecting a multiport USB card reader, typically the first memory card inserted.

Control reference guide

Remote control
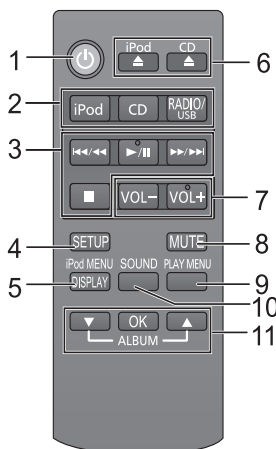
1 Turn this unit on or off
2 Select the audio source
3 Basic playback control buttons
4 Enter setup menu
5 Enter the iPod/iPhone menu /
Change displayed information
6 Open/close the sliding door
7 Adjust the volume

8 Mute the sound
Mutes the sound. Press again to cancel. "MUTE" is also cancelled when the volume is adjusted or the unit is turned off.
9 Enter playback menu
10 Enter sound menu
11 Selection/OK

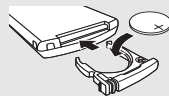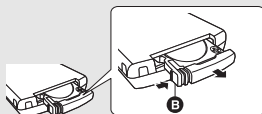Keep the button-type battery out of reach of children to prevent swallowing.

■ Preparation

Remove the insulation sheet **Ⓐ** before using.

■ To replace a button-type battery

1 While pressing the stopper **Ⓑ**, pull out the battery holder.

2 Set the button-type battery with its (+) mark facing upward and then put the battery holder back in place.

Battery type: CR2025 (Lithium battery)
● The battery should normally last about 1 year, however this depends on how frequently the unit is used.

Main unit

Top view

| SC-HC37DB, SC-HC37 |
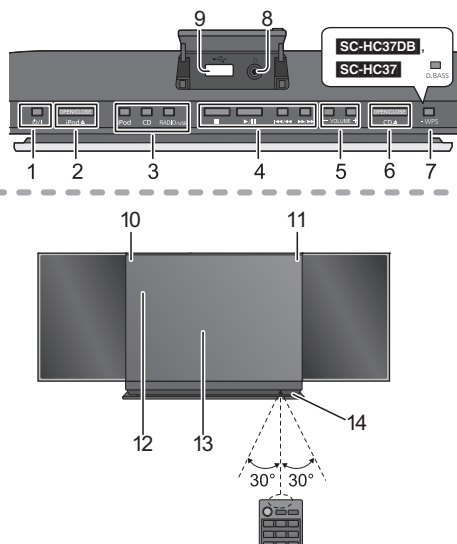
1 **Standby/on switch (⏻/I)**
Press to switch the unit from on to standby mode or vice versa.
In standby mode, the unit is still consuming a small amount of power.
2 Open/close the sliding door (for iPod/iPhone)
3 Select the audio source
4 Basic playback control buttons
5 Adjust the volume (0 (min) to 50 (max))
6 Open/close the sliding door (for discs)
7 **SC-HC57DB** WPS pairing button (⇨ 15)
SC-HC37DB, **SC-HC37** Dynamic Bass sound effect selector
8 Headphone jack
Plug type: ⌀3.5 mm stereo
Recommended plug type: Straight Plug
● Listening at full volume for long periods may damage the user's ears.
● Excessive sound pressure from earphones and headphones can cause hearing loss.
9 USB port
10 Standby indicator
11 **SC-HC57DB** Wi-Fi® status indicator
12 Display
13 Sliding door
14 Remote control signal sensor
Distance:
Within approx. 7 m directly in front.
● To avoid interference, please do not put any objects in front of signal sensor.

30° 30°

5

Attaching the unit to a wall (optional)

Stand

Fixing screw

Soft blanket or cloth

Installation accessories

■ Supplied accessories
- 1 Safety holder
- 1 Screw
- 2 Wall mount brackets

■ Commercially available accessories (not supplied)
- 4 Wall mount bracket fixing screws
- 1 Safety holder fixing screw
- 1 Fall prevention cord
- 1 Screw eye

- **Keep the safety holder out of reach of children to prevent swallowing.**
- **Keep the screws out of reach of children to prevent swallowing.**
- **Keep the wall mount brackets out of reach of children to prevent swallowing.**

📖

Use screws with a nominal diameter of ∅4 mm, which are suitable to the material of the wall (e.g., wood, steel, concrete, etc.)

Safety precautions

**Professional installation is required.
The installation should never be done by any other than a qualified installation specialist. PANASONIC DISCLAIMS ANY PROPERTY DAMAGE AND/OR SERIOUS INJURY, INCLUDING DEATH RESULTING FROM IMPROPER INSTALLATION OR INCORRECT HANDLING.**
- **Be sure to install this unit as indicated within this operating instructions.**

Wall mount instructions

Before installation, turn the unit off and disconnect the AC mains lead from the mains socket.

1 Detach the stand from the unit.
- ↳ Unscrew the fixing screw (2 pieces) at the bottom of the unit.
- ↳ Gently pull the stand off the unit as illustrated.
- Keep the removed screws and stand in a safe place.
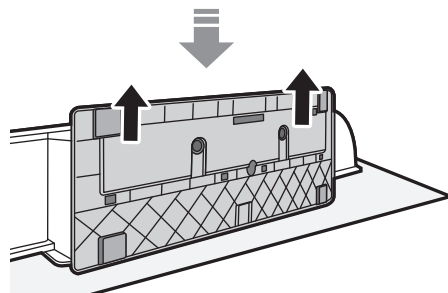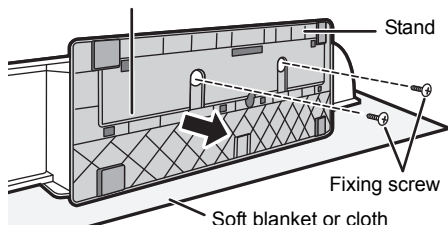
2 Measure and mark the position of the wall mount brackets (Both sides).
- ↳ Use figures below to identify the screwing positions.

SC-HC57DB **Before deciding the location to place the unit, be sure to check that the Wi-Fi® signal strength is sufficient. (⇨ 15, 18)**

The position to attach the wall mount brackets

12.5 mm

232 mm

Space required

300 mm · 116 mm

65 mm

15 mm · 113 mm

118 mm

232 mm

247 mm

480 mm

680 mm
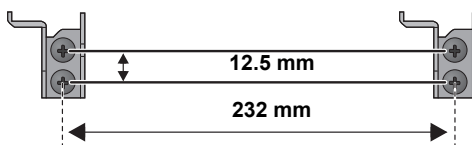
3 Attach the wall mount bracket to the wall with 2 screws (not supplied). (Both sides)

● Use a spirit level to ensure both wall mount brackets are level.
● Make sure that the screw used and the wall are strong enough to support the weight of at least 33 kg.

At least 30 mm

∅7.5 mm to ∅9.4 mm

∅4 mm

Wall mount bracket
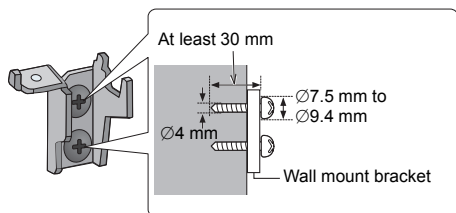
4 Fix the safety holder onto the unit with the screw (supplied).

↳ Screw tightening torque: 50 N•cm to 70 N•cm.

Screw (supplied)
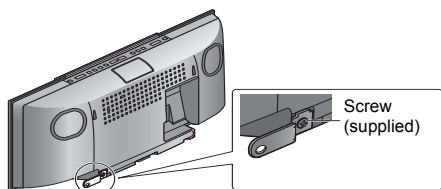
5 Attach the fall prevention cord (not supplied) to this unit.

● Use a cord that is capable of supporting over 33 kg (with a diameter of about 1.5 mm).

Cord (not supplied)
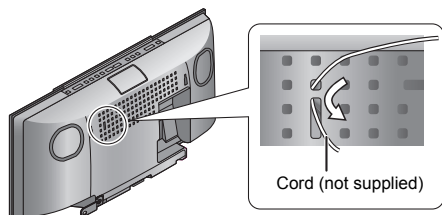
6 Hook the unit securely onto the wall mount brackets with both hands.

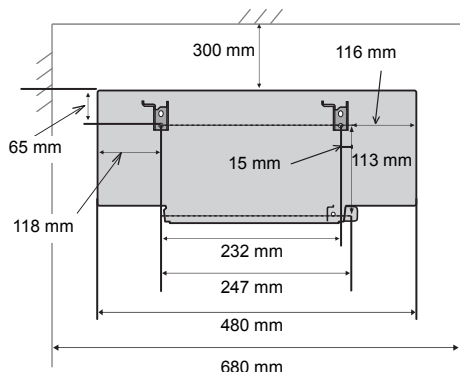● Connect the antenna(s) and the AC mains lead to the unit before hanging the unit onto the wall. (⇨ 8)
● After hanging the unit, release your hand carefully to confirm the unit sits securely on the wall.
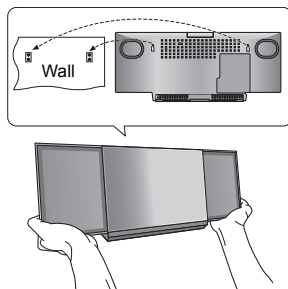
Wall

7 Drive the safety holder fixing screw (not supplied) to secure the safety holder onto the wall.

● Make sure that the screw used and the wall are strong enough to support the weight of at least 33 kg.
● Refer to step 3 for requirements before screwing.

Safety holder

Fixed to the wall

Safety holder fixing screw (not supplied)
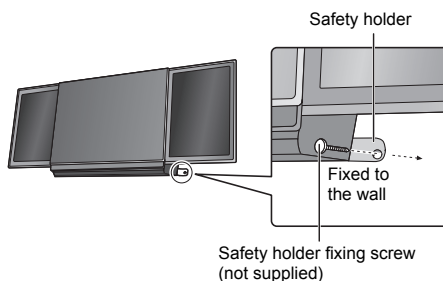
8 Attach the fall prevention cord (not supplied) to the wall.

● Make sure that the screw used and the wall are strong enough to support the weight of at least 33 kg.
● Make sure that the slack of the cord is minimal.
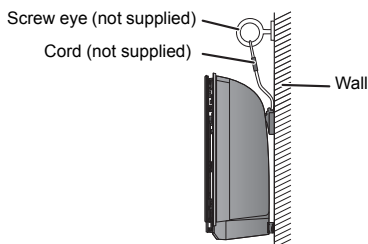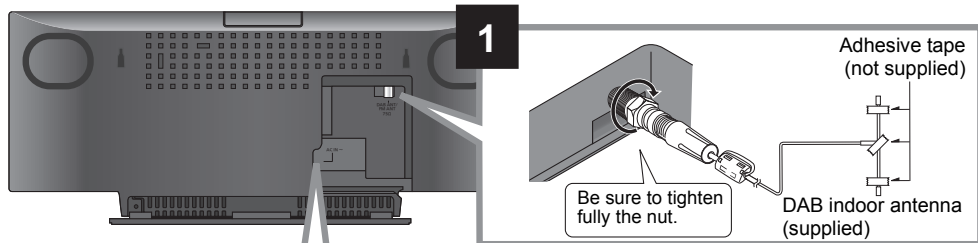
Screw eye (not supplied)

Cord (not supplied)

Wall

Connections

1

Adhesive tape
(not supplied)

Be sure to tighten
fully the nut.

DAB indoor antenna
(supplied)

2 **Connect the AC mains lead after all other connections are complete.**
This unit consumes a small amount of AC power (⇨ 22) even when turned off.

To household mains socket

AC mains lead (supplied)

SC-HC37

1

Adhesive tape
(not supplied)

FM indoor antenna
(supplied)

3 **Connect the AC mains lead after all other connections are complete.**
This unit consumes a small amount of AC power (⇨ 22) even when turned off.

To household mains socket

AC mains lead (supplied)

2

AM loop antenna (supplied)
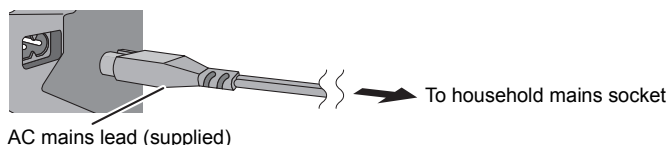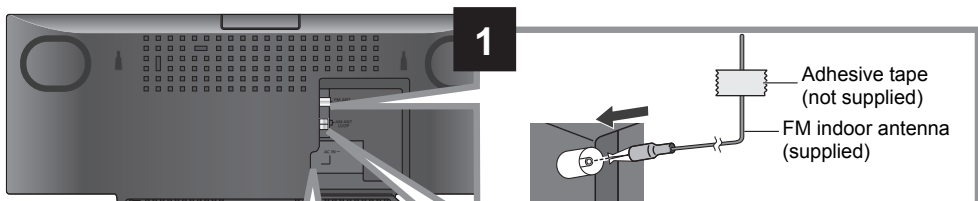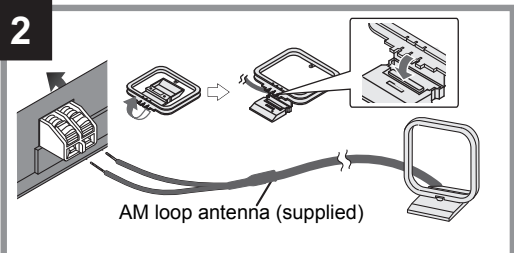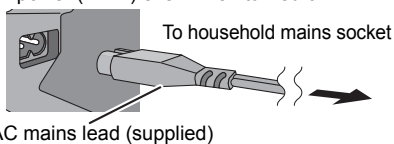
- These speakers do not have magnetic shielding. Do not place them near a television, personal computer or other devices easily influenced by magnetism.
- Tape the DAB (SC-HC57DB , SC-HC37DB) / FM (SC-HC37) antenna to a wall or column in a position with the least amount of interference. (Use an appropriate outdoor antenna if radio reception is poor.)

Inserting or removing media

Compatible iPod/iPhone (not supplied)

Dock adaptor (not supplied)

*2, *3

iPod⏏

OPEN/CLOSE

CD⏏

OPEN/CLOSE

USB device (not supplied)

*1
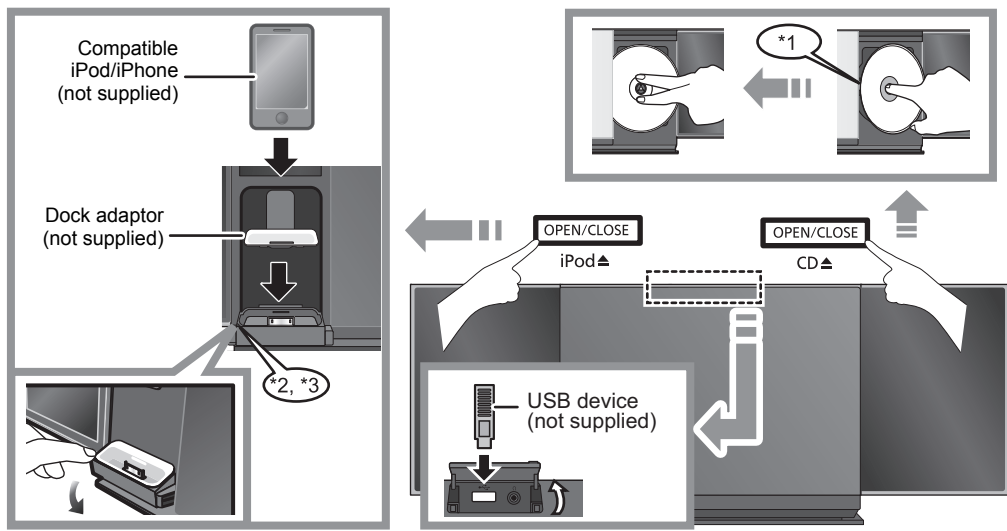
*1: Make sure to tilt the disc so as not to touch the sliding door.
*2: Do not push or pull the dock manually.
*3: When inserting or removing the iPod/iPhone, tilt the dock slightly by holding the corner of the dock.
● Make sure that the unit does not fall when inserting or removing media.
● Be sure to remove the iPod/iPhone from its case.
● When moving this unit, be sure to remove all media and turn this unit to standby mode.
● Insert the USB device directly into the USB port. Do not use any USB extention cable.
● Before removing the USB device, select a source other than "USB".

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 (⇨ 4)
iPod: Compatible iPod/iPhone (⇨ 4)
USB: USB devices containing MP3 files (⇨ 4)

Preparation

● Turn the unit on.
● Insert the media. (⇨ 9)
● Press [CD], [iPod] or [USB] to select the audio source.

Basic play (**CD**, **iPod**, **USB**)

Play	Press [▶/❚❚].
Stop	Press [■]. **USB** The track is memorises and "RESUME" is displayed.
Pause	Press [▶/❚❚]. Press again to restart play.
Skip	Press [❙◀◀/◀◀] or [▶▶/▶▶❙] to skip track. **CD**, **USB** Press [▲] or [▼] to skip the MP3 album.
Search	During playback Press and hold [❙◀◀/◀◀] or [▶▶/▶▶❙]. **iPod** Backwards search is only within the current track.
Volume	Press [VOL −] or [VOL +] to adjust the volume.
Mute	Press [MUTE] to mute the sound.

■ **CD**, **USB** View contents information

Press [DISPLAY] repeatedly during play or pause.

📖

● Maximum number of displayable characters: Approx. 30
● This unit supports ver. 1.0, 1.1 and 2.3 ID3 tags. Text data that is not supported will not be displayed or shown differently.
● Album and track indication for MP3 files.

"A _ _ _": MP3 album number.
"T _ _ _": MP3 track number.
● " _ _ _ " stands for the album or track number.
"■": This indication is also used to refer to an album.
"♪": This indication is also used to refer to a track.

■ **iPod** To navigate through the iPod/iPhone menu

● Open the Music App to use this feature with iPod touch/iPhone models.
– [▲, ▼]: To navigate menu items.
– [OK]: To go to the next menu.
– [iPod MENU]: To return to the previous menu.

📖

● To view the operation, open the sliding door.
● The operation may vary among iPod/iPhone models.

Play modes (**CD**, **USB**)

Select the playback mode.
● These modes can be combined with the repeat play feature.

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

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

OFF PLAYMODE	Select to cancel the play mode setting.
1-TRACK ("1, ♪" is displayed.)	Only plays the selected track. (Skip to the desired track (⇨ left))
1-ALBUM ("1, ■" is displayed.)	Only plays the selected MP3 album.
RANDOM ("RND" is displayed.)	Plays the contents randomly.
1-ALBUM RANDOM ("1, ■, RND" is displayed.)	Plays the tracks in the selected MP3 album randomly. ● Press [▲] or [▼] to select the MP3 album.

3 Press [▶/❚❚] to start play.

📖

● When using iPod/iPhone, use the setting on the iPod/iPhone.
● During random play, you cannot skip to the previous track.
● The current play mode is cleared when you open the sliding door for discs.

Repeat play (**CD**, **USB**)

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

2 Press [▲, ▼] to select "ON REPEAT" and press [OK].
● " ↻ " is displayed.

📖

● When using iPod/iPhone, use the setting on the iPod/iPhone.
● To cancel repeat play, select "OFF REPEAT" in step 2.
(The mode is also cancelled when you open the sliding door for discs.)

SC-HC57DB , SC-HC37DB
Listening to DAB+

Preparation
Make sure that the DAB antenna is connected. (⇨ 8)

Memorising stations

To listen to DAB+ broadcasts,the available stations need to be memorised in this unit.
● This unit will automatically start the "DAB AUTO SCAN" and memorise the stations that are available in your region if the memory is empty.

Press [RADIO] repeatedly to select "DAB+".

📖
● "SCAN FAILED" is displayed when the auto scan is unsuccessful. Locate the position with the best reception (⇨ 12, "To verify or improve the signal reception quality") and then re-scan DAB+ stations.

■ To re-scan DAB+ stations
When new stations are added or when the antenna has been moved, reperform the auto scan.

1 Press [PLAY MENU] repeatedly to select "AUTOSCAN" and then press [OK].

2 While "START ?" is flashing,
Press [OK].

📖
When updating the memory with the auto scan, preset stations will be erased. Preset them again (⇨ right).

Listening to the memorised stations

Preparation*1
1 Press [RADIO] to select "DAB+".
2 Press [PLAY MENU] repeatedly to select "TUNEMODE" and then press [OK].
3 Press [▲, ▼] to select "STATION" and then press [OK].

1 Press [RADIO] to select "DAB+".

2 Press [|◄◄/◄◄] or [►►/►►|] to select the station.

Presetting DAB+ stations

You can preset up to 20 DAB+ stations.
Preparation
● Press [RADIO] repeatedly to select "DAB+".

1 While listening to a DAB broadcast
Press [OK].

2 Press [▲, ▼] to select the desired preset channel number and then press [OK].

📖
● You cannot preset stations when the station is not broadcasting or when the secondary service is selected.
● The station occupying a channel is erased if another station is preset in that channel.

■ Listening to preset DAB+ stations
Preparation*1
1 Press [RADIO] to select "DAB+".
2 Press [PLAY MENU] repeatedly to select "TUNEMODE" and then press [OK].
3 Press [▲, ▼] to select "PRESET" and then press [OK].

1 Press [RADIO] to select "DAB+".

2 Press [|◄◄/◄◄] or [►►/►►|] to select the station.

📖
● To select by preset, make sure that stations have already been preset manually.
● To add additional preset stations, select the station using the method mentioned in "Listening to the memorised stations" (⇨ left).

Listening to the secondary service

Some DAB+ stations provide a secondary service as well as the primary service. If the station you are listening to is providing secondary service, "▼" will be displayed.

1 While "▼" is displayed.
Press [PLAY MENU] repeatedly to select "DAB SECONDARY" and then press [OK].

2 Press [▲, ▼] to select the secondary service and press [OK].

📖
The setting will go back to primary service when changes are made (e.g. the station is changed).

---

*1: The "TUNEMODE" setting is memorised until it is changed.

Display

Press [DISPLAY] to change the display.

The information will scroll through the display.
Each time you press the button:

Dynamic label: Information about the broadcast
PTY display: Programme type
Ensemble label: The name of the ensemble
Frequency display: The frequency block and frequency is displayed.

Time display

Automatic clock adjustment

If the DAB broadcast includes time information, this unit's clock will be automatically updated.

1 Press [PLAY MENU] repeatedly to select "AUTO CLOCK ADJ" and then press [OK].
2 Press [▲, ▼] to select "ON ADJUST" and then press [OK].

📖

Select "OFF ADJUST" to turn the automatic clock adjustment function off.

To verify or improve the signal reception quality

To check the signal reception quality, at least 1 frequency block needs to be successfully memorised.
● If "SCAN FAILED" is displayed after "DAB+" is selected or after an auto scan, proceed to "Manually tuning 1 frequency block" (⇨ below)
● If stations have already been memorised to this unit, proceed to "Checking the DAB+ signal reception quality" (⇨ right)

■ Manually tuning 1 frequency block

Use this function to scan 1 frequency block after adjusting the position of the DAB antenna.

Preparation
Note down a frequency block that can be received in your region (e.g., 9C 206.352 MHz).

1 While "SCAN FAILED" is displayed.
Adjust the position of the DAB antenna.

2 Press [PLAY MENU] repeatedly to select "TUNEMODE" and then press [OK].

3 Press [▲, ▼] to select "MANUAL" and then press [OK].*1

4 Press [▲, ▼] to select the frequency block that is receivable in your region and then press [OK].

📖

● If broadcasting stations are memorised, proceed to "To re-scan DAB+ stations" to memorise stations on other frequency blocks.
● If "SCAN FAILED" is still displayed, repeat steps 1 to 4 until a station is memorised. If the situation does not improve, try using an outdoor DAB antenna or consult your dealer.

■ Checking the DAB+ signal reception quality

1 While listening to the DAB broadcast:
Press [PLAY MENU] repeatedly to select "SIGNAL QUALITY" and then press [OK].
● The current frequency block is displayed and then the reception quality is indicated.

Reception quality
0 (poor) - 8 (excellent)

2 If the signal reception quality is poor, move the antenna to a position where the reception quality improves.

3 To continue checking the quality of other frequency blocks
Press [▲, ▼] again and select the desired frequency.

4 Press [OK] to exit.

📖

If the antenna has been adjusted, perform auto scanning and update the station memory. (⇨ 11)

Changing the Auto scan frequency range

Only the frequencies currently used in Australia as of February 2012 on BAND III are Auto scanned ("AUSTRALIA", factory setting).

Select "ALL BAND III" when you want to store stations on other frequencies to memory.

1 Press [PLAY MENU] repeatedly to select "SCAN MODE".
2 Press [▲, ▼] to select "ALL BAND III" or "AUSTRALIA" and then press [OK].
● The "DAB AUTO SCAN" begins automatically.

📖

● The DAB preset channels are erased when the "SCANMODE" is changed.
● If the play timer has been set and DAB+ is the music source, the timer switches off. (⇨ 14)

*1: The "TUNEMODE" setting is memorised until it is changed.

Listening to FM/AM radio

AM radio is only available for SC-HC37

You can preset up to 30 FM channels / 15 AM channels.
Preparation
Make sure that the antenna(s) are connected. (⇒ 8)

📖

A station previously stored is overwritten when another station is stored in the same channel preset.

```
Presetting stations
automatically
```

1 Press [RADIO] to select "FM" or "AM".

2 Press [PLAY MENU] repeatedly to select "A.PRESET" and then press [OK].

3 Press [▲, ▼] to select "LOWEST" or "CURRENT" and then press [OK].

LOWEST:
To begin auto preset with the lowest frequency (FM 87.50, AM 520 or AM 522).

CURRENT:
To begin auto preset with the current frequency.*
* To change the frequency, refer to "Manual tuning and presetting".

The tuner starts to preset all the stations it can receive into the channels in ascending order.

```
Listening to a preset channel
```

Preparation

1 Press [RADIO] to select "FM" or "AM".

2 Press [PLAY MENU] repeatedly to select "TUNEMODE" and then press [OK].

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

1 Press [RADIO] to select "FM" or "AM".

2 Press [|◄◄/◄◄] or [►►/►►|] to select the channel.

■ Manual tuning and presetting

Select a radio broadcast.

1 Press [RADIO] to select "FM" or "AM".

2 Press [PLAY MENU] repeatedly to select "TUNEMODE" and then press [OK].

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

4 Press [|◄◄/◄◄] or [►►/►►|] to tune to the required station.
● To start automatic tuning, press and hold [|◄◄/◄◄], [►►/►►|] until the frequency starts scrolling. Tuning stops when a station is found.

To preset the channel
5 While listening to the radio broadcast Press [OK].

6 Press [▲, ▼] to select the channel and then press [OK].

■ To improve FM sound quality

1 While receiving FM broadcasts, press [PLAY MENU] repeatedly to select "FM MODE" and then press [OK].

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

● This setting can be preset and memorised. To do so, continue to step 5 of "Manual tuning and presetting".

📖

● Select "STEREO" in step 2 to return to stereo broadcasts.
● "MONO" is cancelled if the frequency is changed.
● If "MONO" is selected, regardless of the type of signal this unit is receiving, "FM MONO" is displayed. (⇒ below)

■ To display the current FM signal status

While receiving FM broadcast, press [DISPLAY].

"FM ST": The FM signal is in stereo.
"FM": The FM signal is in monaural.
● "FM" is also displayed even if this unit is not tuned to a station.

📖

"STEREO" is displayed when this unit tunes to a stereo broadcast.

Internet Radio

This unit can output Internet radio if "vTuner for Panasonic" is installed on your iPhone/iPod touch.
Preparation
● Install "vTuner for Panasonic" to your iPhone/iPod touch.
● Install iOS 5.0 or later.

1 Insert the iPhone/iPod touch to this unit.

2 Press [iPod] repeatedly to select "VTUNER".
↳ "vTuner for Panasonic" starts.

📖

● Visit the below website for the following information about "vTuner for Panasonic":
http://radio.vtuner.com/panasonic/en/
(Compatible iPhone/iPod touch models and software versions, purchasing, installation and operation details.)
● A pop-up screen may appear on your iPhone/iPod touch. Follow the indicated instructions.

13

Sound adjustment

The following sound effects can be added to the audio output.

1 Press [SOUND] repeatedly to select the effect and then press [OK].

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

Direct-Vocal Surround (D.SURROUND)	"LEVEL 1", "LEVEL 2" or "OFF". ● The factory preset is "OFF".
Preset EQ (PRESET EQ)	"HEAVY" (heavy), "SOFT" (soft), "CLEAR" (clear), "VOCAL" (vocal) or "FLAT" (flat/off). ● The factory preset is "HEAVY".
Bass (BASS) or Treble (TREBLE)	Adjust the level (−4 to +4).
Dynamic Bass*[1] (D.BASS)	"ON D.BASS" or "OFF D.BASS". ● The factory preset is "ON D.BASS".

*[1]: **SC-HC37DB**, **SC-HC37** This function can also be selected with the [D.BASS] button on the unit.
● You may experience a reduction in sound quality when these effects are used with some sources. If this occurs, turn the sound effects off.

Clock and Timer

Setting the clock

This is a 24-hour clock.

1 Press [SETUP] repeatedly to select "CLOCK" and then press [OK].

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

📖

● To display the clock, press [SETUP] repeatedly to select "CLOCK" and then press [OK] once. The time is displayed for 10 seconds.
(During standby, press [iPod MENU, DISPLAY] once.)
● The clock is reset when there is a power failure or when the AC mains lead is removed.
● Reset the clock regularly to maintain accuracy.

Play timer

You can set the timer so this unit turns on at a certain time every day.
Preparation
Set the clock (⇒ left).

■ Setting the timer

1 Press [SETUP] repeatedly to select "TIMER ADJ" and then press [OK].

2 Press [▲, ▼] to set the starting time ("ON TIME") and then press [OK].

3 Press [▲, ▼] to set the finishing time ("OFF TIME") and then press [OK].

📖

● To display the timer settings, press [SETUP] repeatedly to select "TIMER ADJ" and then press [OK] once.
(During standby, press [iPod MENU, DISPLAY] twice.)
● The music source and volume will also be displayed if the timer is turned on. (⇒ below)

■ Turn the timer on

1 Select the music source*[2] and set the desired volume.

2 Press [SETUP] repeatedly to select "TIMER SET" and then press [OK].

3 Press [▲, ▼] to select "SET" and then press [OK].
● "⏰" is displayed.

4 Press [⏻] to turn the unit off.

📖

*[2]: "CD", "USB", "IPOD", "DAB+" (**SC-HC57DB**, **SC-HC37DB**), "FM" and "AM" (**SC-HC37**) can be set as the music source.
● This unit can be used as normal after the timer is set, however:
 ● Turn the unit to standby mode before the timer start time.
 ● Even if the audio source or the volume is changed, the timer will still use the audio source and volume that was set when the timer was turned on.
● To turn the timer off, select "OFF" in step 3.
● The unit will turn on at the preset time, with the volume increasing gradually to the preset level.

Sleep timer

The sleep timer can turn the unit off after a set time.

1 Press [SETUP] repeatedly to select "SLEEP" and then press [OK].

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

"SLEEP 30" ↔ "SLEEP 60" ↔ "SLEEP 90" ↔ "SLEEP 120"
↑————————→ OFF (Cancel) ←————————↑

● The remaining time is indicated on the unit's display except when other operations are performed.
● The play timer and sleep timer can be used together. The sleep timer always has priority.

SC-HC57DB AirPlay

With this feature you can wirelessly stream music to this unit's speakers.

■ Compatible devices (as of January 2012)
AirPlay works with;
- iOS 4.2 or later (iPod touch (2nd, 3rd, and 4th generation), iPhone 4S, iPhone 4, iPhone 3GS, iPad 2, iPad)
- iTunes 10.2 or later (Mac / PC)

```
Network settings
```

To use the AirPlay function, this unit must join the same wireless network as the compatible device.
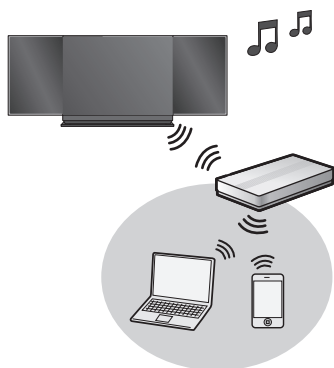
Preparation

With this unit there are 2 methods to setup the wireless connection. Determine which type of wireless network router you are using and follow the method that matches your device.
- Refer to the operating instructions of the wireless network router for details.

If you do not know which type of wireless network router you are using, use "Method 2".

- Turn the unit on.

📖
- When performing the network settings, place this unit close to the wireless router.
- Simultaneous use with a microwave, cordless telephone and other 2.4 GHz devices may result in connection interruptions.
- Immediately after this unit is turned on, the network setup may take longer to start.
- This unit cannot join a wireless network using WEP security settings with "Method 1". Use "Method 2" to join the wireless network.
- To cancel this setting in the middle, press [⏻] to turn off the unit.
- For up to date compatibility information on your Wireless router refer to
  http://panasonic.jp/support/global/cs/
  (This site is in English only.)

Method 1
If your wireless network router supports WPS[1].

■ Using the WPS Push Button Configuration (PBC)

WPS Push Button Configuration (PBC) compatible wireless router may have this mark.

1 Press and hold [− WPS] on the unit.
  ↳ "CONNECT" flashes on the display.
    (The Wi-Fi® status indicator blinks blue.)
  - Complete step 2 within 2 mins.

2 Press the WPS button on the wireless router.
  ↳ When a link is established "LINKING" is indicated on this unit's display.
  ↳ When the configuration is finished "SUCCESS" is indicated on this unit's display. (Wi-Fi® status indicator lights blue.)

3 Press [OK] on the remote control to complete the setting.

📖
- This unit can also be set using the WPS PIN code. Replace step 2 of "Method 1" with the following steps. (Before starting, refer to the wireless network router's operating instructions for details on how to enter the PIN code.)
  1 While "CONNECT" is flashing press and hold [− WPS] again to display the 8 digit PIN code. (Wi-Fi® status indicator blinks purple.)
  2 Enter the PIN code into the wireless router.
- To edit this system's name it is necessary to use "Method 2".
- "FAIL" may be displayed if the connection was not made within the set time limit. Try the setting again. If "FAIL" is still displayed, try "Method 2".

Method 2
If your wireless network router does not support WPS[1].

With this method, you will access this unit's wireless network settings from the Internet browser of your compatible device.
- The illustrations and explanations are based on an iPhone. However, the word "iPhone" can be replaced with your compatible device.

Preparation
- Check your **home wireless network name** (Network name (SSID)) and **password** for this network. This can often be found on the wireless router itself.
- Turn on your iPhone.

[1]: WPS stands for "Wi-Fi Protected Setup™".

1 Press [SETUP] on the remote control repeatedly to select "NET SETUP" and then press [OK].
  ↳ "SETTING" is indicated on the display.
    (The Wi-Fi® status indicator blinks purple.)

2 Connect your iPhone to this unit's wireless network called "**Setup _ _ _ _ _ _**"*1, 2.
  ● Once "Setup _ _ _ _ _ _" is selected, the iPhone is connected with this unit.

Settings	**Wi-Fi Networks**
Wi-Fi	ON
Choose a Network...	
√ Setup ------	

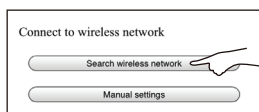**3** Start Safari on your iPhone and type "**http://192.168.1.12/**" into the URL address field and display the page.

	Untitled	
	http://192.168.1.12/	Cancel

  ↳ This unit's setup window is displayed.

4 Select "Search wireless network".

Connect to wireless network
  Search wireless network
  Manual settings

5 Select and input the details.

Search wireless network

Network name (SSID)
  Select   **1**
Password
                            2
  BACK   NEXT   **3**
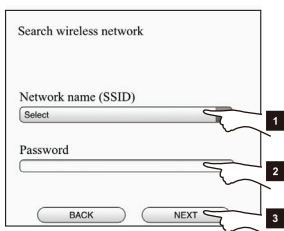
  1 Select your **home wireless network name**.*3
  2 Type the **password**.
  3 Select "NEXT".

6 Perform the "Additional settings". (⇨ right)
If they do not apply, continue to the next step.

7 Select "JOIN" to apply the settings.
  ↳ In the pop-up screen select "OK" to continue.
    – Select "CANCEL" to return to the setup window.
  ↳ The wireless status indicator lights blue.
    – You can now close the Safari browser.
  ↳ When the configuration is finished "SUCCESS" is indicated on this unit's display.

If "FAIL" is displayed press [OK]. Then check the wireless network password and other settings and start again from step 1.

8 Press [OK] on the remote control to complete the settings.

9 Connect your iPhone back to your home wireless network.

Alternative settings
Instead of steps 4 and 5:

Select "Manual settings".
1 Type your **home wireless network name** into the "Network name (SSID)" field.
2 Select the **encryption method** from the "Security system" drop down list.
3 Type the **password** into the "Password" field and then select "NEXT".

Additional settings
In step 6:

If your home wireless network has been setup to use specific IP Addresses, Subnet Mask, Default Gateway, Primary DNS, etc.
Select "Advanced network settings".
  ↳ Input the required addresses into each field and select "OK".
  ● To change the settings back to DHCP, select "ON" from the "DHCP" drop down list.

If you want to change the name of this unit that is displayed as the AirPlay speakers.
Select "Edit STEREO SYSTEM name".
  ↳ Only ASCII characters can be used.
  ↳ Type a new name into the "STEREO SYSTEM name" field and select "OK".

📖

● Enable Java and Cookies in your browser settings.
● To cancel this setting in the middle, press [⏻] to turn off the unit.

*1: " _ " stands for a digit that is unique to each set.
*2: Make sure that DHCP is enabled for the network setting on the iPhone.
*3: If you have set your wireless network to be invisible, select "BACK" and refer to "Alternative settings". (⇨ above)

Using AirPlay with this unit's speakers

When this unit is on the same network as the compatible device, you can select this unit as the speakers.

Preparation
- Connect this unit to the same network as the compatible device. (⇨ 15)
- Turn on the compatible device.

**1** Start iTunes on your Mac/PC or the Music App on your iOS device.
- If the Music App on your iOS device is used, select the file that is to be played.

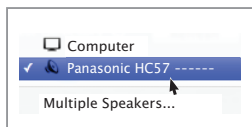**2** Select this unit from the AirPlay ▲ icon at the bottom right-hand corner of the display.
- ↳ Check the volume settings before starting the playback. (When AirPlay is used for the first time, the volume may be output at the maximum setting.)
- If you have not changed the name, this unit will be displayed as "Panasonic HC57 _ _ _ _ _ _"[*1, 2].

e.g., iPhone iOS 5.0
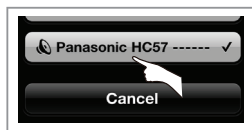
e.g., iTunes 10.5
(Bottom right)

3 Start play.

📖
- This unit can be set to turn on automatically when this unit is selected as the output speakers. (⇨ 18)
- Playback of other audio sources will stop and AirPlay output will have priority.
- Volume changes on the iOS device or iTunes will be applied to this unit. (Refer to the iTunes Help for the required settings in iTunes.)
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the selector is changed (e.g., "CD") or the unit is turned off during the AirPlay playback.
  In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this unit as the output speakers.
- AirPlay will not work when playing back videos on iTunes.

Others

Automatic standby

As a factory preset, this unit will always turn off automatically if there is no sound output and no operation for 30 minutes.

To cancel this function

1 Press [SETUP] repeatedly to select "AUTO OFF" and then press [OK].

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

📖
- To turn automatic standby on, select "ON" in step 2.
- This setting cannot be selected when "DAB+" (SC-HC57DB, SC-HC37DB), "FM" or "AM" (SC-HC37) is the source.

Display brightness

The brightness of this unit's display can be changed.

1 Press [SETUP] repeatedly to select "DIMMER" and then press [OK].

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

📖
To cancel the dimmer, select "OFF" in step 2.

Changing the main unit and remote control code

When other Panasonic equipment responds to the supplied remote control, change the remote control code.

1 Press [CD] to select "CD".

2 Press and hold [CD] on the main unit and [▲] on the remote control until the main unit's display shows "REMOTE 2".

3 Press and hold [OK] and [▲] on the remote control for at least 4 seconds.

📖
To change the mode back to "REMOTE 1", repeat the steps above by replacing [▲] with [▼].

---

*1: " _ " stands for a digit that is unique to each set.
*2: The name that is displayed for this unit can be changed from the "Edit STEREO SYSTEM name" settings in "Method 2". (⇨ 16)

SC-HC57DB `Software update`

Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. These updates are available free of charge.

Preparation

Connect this unit to the wireless network. (⇨ 15)
● Make sure that the wireless network is connected to the Internet.

1 Press [SETUP] repeatedly to select "SW UPDATE" and then press [OK].

2 Press [▲, ▼] to select "UPDATE? Y" and then press [OK] to start the update.
↳ After the update has finished, "SUCCESS" is displayed.

3 Disconnect the AC mains lead and reconnect it after 3 minutes.

● **DO NOT DISCONNECT the AC mains lead while one of the following messages is displayed.**
  – "LINKING", "UPDATING" or "□□□%"
  (" □ " stands for a number.)

📖

● If you do not want to update the unit, select "UPDATE? N" and then press [OK] in step 2.
● If there are no updates, "NO NEED" is displayed after step 2.
● During the update process, no other operations can be performed.
● **Downloading will require several minutes. It may take longer or may not work properly depending on the connection environment.**

■ Checking the software version

1 Press [SETUP] repeatedly to select "SW VER." and then press [OK].
↳ The version of the installed software is displayed.
2 Press [OK] to exit.

SC-HC57DB `Wi-Fi® signal strength`

To check the Wi-Fi® signal strength where the unit is located.

Preparation

Connect this unit to the wireless network. (⇨ 15)

1 Press [SETUP] repeatedly to select "SIG.LEVEL" and then press [OK].
  ● The unit's display shows "LEVEL □".
    (" □ " stands for a number.)

2 Press [OK] to exit this display mode.

📖

● It is recommended to have a signal strength of "3". Change the position or angle of your wireless network router or the unit if the indication is "2" or "1" and see if the connection improves.
● If "LEVEL 0" is displayed, this unit cannot establish a link with the wireless network router. (⇨ 21)
● This function does not work when AirPlay is used.

SC-HC57DB `Network standby`

This unit can turn on automatically from standby mode when this unit is selected as the AirPlay speakers.

Preparation

Connect this unit to the wireless network. (⇨ 15)

1 Press [SETUP] repeatedly to select "NET STNBY" and then press [OK].

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

📖

● To cancel this function, select "OFF" in step 2.
● The factory preset is "OFF". If this function is set to "ON" the standby power consumption will increase.

SC-HC57DB `IP/MAC Address`

To check the unit's IP/MAC address.

1 Press [CD] to select "CD".

2 Press and hold [− WPS] on the unit and [▼] on the remote control until the unit's display shows the IP address.
  ↳ The IP address is partially displayed.
  ● To display the MAC address on the unit, repeat the steps above by replacing [▼] with [▲].

3 Press [▲, ▼] on the remote control to show the rest of the IP address.

📖

● Be sure to remove the disc from the disc tray when checking the address.
● The " – " displayed on the top or bottom left of the display indicate the first and last units respectively.

Troubleshooting

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

To return all settings to the factory preset

When the following situations occur, reset the memory:
● There is no response when buttons are pressed.
● You want to clear and reset the memory contents.
① Disconnect the AC mains lead. (Wait for at least 3 minutes before proceeding to step ②.)
② While pressing and holding down [Ⅰ/Ⅰ] on the main unit, reconnect the AC mains lead.
  ● "--------" appears on the display.
③ Release [Ⅰ/Ⅰ].

📖

All the settings are returned to the factory preset. You will need to reset the memory items.

SC-HC57DB Do you have the latest software installed?
● Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. (⇨ 18)

Common problems

Humming heard during play.
● An AC mains lead or fluorescent light is near the cords. Keep other appliances and cords away from this unit's cables.

MP3 cannot be read.
● You may not be able to play MP3 if you have copied a multi-session disc that has no data between sessions.
● When creating a multi-session disc, it is necessary to close the session.
● The amount of data on the disc is too small. Set the amount of data to above 5 MB.

Disc operations

Incorrect display or play will not start.
● Make sure that the disc is compatible with this unit. (⇨ 4)
● There is moisture on the lens. Wait for about an hour and then try again.

USB operations

No response when [▶/❙❙] is pressed.
● Disconnect the USB device and then reconnect it. Alternatively, turn the unit off and on again.

The USB drive or its contents cannot be read.
● The USB drive format or its contents is/are not compatible with the unit (⇨ 4).
● The USB host function of this product may not work with some USB devices.

Slow operation of the USB flash drive.
● Large file size or high memory USB flash drive takes longer time to read.

The elapsed time displayed is different from the actual play time.
● Copy the data to another USB device or backup the data and reformat the USB device.

Radio

SC-HC57DB , SC-HC37DB DAB+ reception is poor.
● Keep the antenna away from computers, televisions, other cables and cords.
● Use an outdoor antenna (⇨ 8).

A beat sound or noise is heard while receiving radio broadcast.
● Confirm the antenna(s) are properly connected. (⇨ 8)
● Adjust the position of the antenna.
● Try to keep a certain amount of distance between the antenna and AC mains lead.
● Try to use outdoor antenna if there are buildings or mountains nearby.
● Switch the television or other audio player off or separate it from the unit.
● Keep this unit away from mobile phones if the interference is apparent.

SC-HC37 A low hum or noise is heard during AM broadcast.
● Keep the AM antenna away from this unit, other cables and cords.

SC-HC37 AM Stations cannot be selected.
Change the AM frequency step.
① Press [RADIO] to select "AM".
② Press and hold [RADIO] on the unit.
After a few seconds the display changes to show the current lowest frequency. Continue to hold the button down. The lowest frequency changes and the step is changed.

iPod/iPhone operations

Cannot charge or operate.
- Check that the iPod/iPhone is connected firmly. (⇨ 9)
- The battery of the iPod/iPhone is depleted. Charge the iPod/iPhone, and then operate again.
- When unexpected operation occurs while using the iPod/iPhone, connect the iPod/iPhone again or try to restart the iPod/iPhone.

SC-HC57DB AirPlay operations

Cannot connect to the network.
- Confirm the network connection and settings. (⇨ 15)
- Your wireless network might be set to be invisible. In this case select "Manual settings" in "Method 2". (⇨ 16)
- This unit cannot join a wireless network using WEP security settings with the WPS methods ("Method 1"). Use "Method 2" to join the wireless network. (⇨ 15)
- Make sure that the multicast function on the wireless network router is set to on (enabled).

Cannot connect to the unit.
- Make sure that this unit is on the same wireless network as the device you are trying to use. (⇨ 15)
- If "NET STNBY" is set to "OFF", the AirPlay compatible device cannot be connected when this unit is off.
- Turn off the Wi-Fi® setting on the AirPlay compatible device, set "NET STNBY" to "OFF" (⇨ 18) and then turn this unit off and on. Reconnect the compatible device to the Wi-Fi® network and then select this unit as the AirPlay speakers again.

My wireless network router is WPS PBC compatible, but the pairing does not work.
- If the network is set to be invisible, the push button configuration does not work. In this case, either make the wireless network visible while you set up the network for this unit or use "Method 2". (⇨ 15)

Playback does not start.
The sound is interrupted.
- Simultaneous use with a microwave, cordless telephone and other 2.4 GHz devices may result in connection interruptions. Increase the distance between this unit and these devices.
- Do not place this unit inside a metal cabinet, for it might block the Wi-Fi® signal.
- Place this unit closer to the wireless network router.
- If several wireless devices are simultaneously using the same wireless network as this unit, try turning off the other devices or reducing their wireless network usage.
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the selector is changed (e.g., "CD") or the unit is turned off during the AirPlay playback.
  In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this unit as the output speakers. (⇨ 17)

Remote control

The remote control doesn't work properly.
- The remote control and this unit are using a different code. (⇨ 21, "REMOTE □")

Messages

The following messages or service numbers may appear on the unit's display.

"--:--"
- You plugged the AC mains lead in for the first time or there was a power failure recently. Set the time (⇨ 14).

"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.

"CANNOT SET"
- Select an audio source other than "(SC-HC57DB) AIRPLAY" or "VTUNER".

"CHECKING CONNECTION"
- The unit is checking the connected iPod/iPhone. If this display keeps appearing, make sure that iPod/iPhone is inserted correctly and try again (⇨ 9).

"ERROR"
- Incorrect operation is performed. Read the instructions and try again.

"F61"
- There is a power supply problem. Consult the dealer.

"ILLEGAL OPEN"
- Sliding door is not in correct position. Turn the unit off and on again. If this display appears again, consult the dealer.

"IPOD OVER CURRENT ERROR"
- The iPod/iPhone is drawing too much power. Remove the iPod/iPhone and turn the unit off and on again.

"NODEVICE"
- The iPod/iPhone device is not inserted correctly. Read the instructions and try again (⇨ 9).
- The USB device is not inserted. Check the connection.

"NO DISC"
- Insert the disc to be played (⇨ 9).

"NO MEMORY"
- There are no preset DAB+ stations to select. Preset some channels. (⇨ 11)

"NO PLAY"
- A CD that is not in CD-DA or MP3 format is inserted. It cannot be played.
- If there are more than 255 albums or folders (audio and non-audio), some of the MP3 files in these albums may not be read and played. Transfer these music albums to another USB. Alternatively, reformat the USB device and save these music albums prior to saving the other non-audio folders.

"NOT SUPPORTED"
- You have inserted an iPod/iPhone that cannot be played (⇨ 4). Insert correctly and try again if iPod/iPhone is compatible.
- If the iPod/iPhone is compatible, turn it on before inserting it to this unit.

"READING"
- The unit is checking the CD information. After this display has disappeared, start operating.

"REMOTE □" (" □ " stands for a number.)
- The remote control and this unit are using different codes. Change the code on the remote control.
    - When "REMOTE 1" is displayed, press and hold [OK] and [▼] for more than 4 seconds.
    - When "REMOTE 2" is displayed, press and hold [OK] and [▲] for more than 4 seconds.

"START ERROR"
- Check the iPhone/iPod touch.
  Visit the below website for more information:
  http://radio.vtuner.com/panasonic/en/

"USB OVER CURRENT ERROR"
- The USB device is drawing too much power. Switch to "CD" mode, remove the USB and turn the unit off.

`SC-HC57DB` , `SC-HC37DB` **"DATA"**
- Data broadcast being received over the DAB broadcast signal cannot be used on this unit.

`SC-HC57DB` , `SC-HC37DB` **"NO SERVICE"**
- The station is currently not broadcasting.

`SC-HC57DB` , `SC-HC37DB` **"NO SIGNAL"**
- This station cannot be received. Check your antenna (⇨ 8).

`SC-HC57DB` , `SC-HC37DB` **"SCAN FAILED"**
- Stations are not receivable. Check your antenna and try Auto scanning (⇨ 11).
  If "SCAN FAILED" is still displayed find the best signal reception with the "MANUAL" tuning function. (⇨ 12)

`SC-HC57DB` , `SC-HC37DB` **"SCRAMBLED"**
- The broadcast station being received cannot be accessed.

`SC-HC57DB` **"CANNOT DISPLAY"**
- The Wi-Fi® signal strength cannot be displayed if "AIRPLAY" is the selected source. Stop the AirPlay playback, select a different source (e.g., "CD") and try again. (⇨ 18)

`SC-HC57DB` **"DL ERROR"**
- The software download has failed. Press any button to exit. Please try again later.
- The server cannot be found. Press any button to exit. Make sure that the wireless network is connected to the Internet.

`SC-HC57DB` **"FAIL"**
- Updating or setting has failed. Read the instructions and try again.

`SC-HC57DB` **"LEVEL 0"**
- There is no link between this unit and the wireless network router.
  Try the following operations:
    - Check that the wireless network router is turned on.
    - Turn this unit off and on again.
    - Reset the wireless network settings. (⇨ 15)
  If the problem persists, consult your dealer.

`SC-HC57DB` **"NOCONNECT"**
- This unit cannot connect to the network.
  Check the network connection. (⇨ 15)

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Specifications

■ GENERAL

Power consumption	`SC-HC57DB`	29 W
	`SC-HC37DB`, `SC-HC37`	25 W
Power consumption in standby mode*¹		Approx. 0.2 W
`SC-HC57DB` **Power consumption in standby mode*¹ (When "NET STNBY" is "ON")**		Approx. 11 W
Power supply	AC 220 V to 240 V, 50 Hz	

Dimensions (W×H×D)

480 mm×197 mm×84 mm
(Depth without stand 75 mm)

Mass `SC-HC57DB` Approx. 2.6 kg
`SC-HC37DB`, `SC-HC37` Approx. 2.5 kg

Operating temperature range 0 °C to +40 °C
Operating humidity range

35 % to 80 % RH (no condensation)

■ AMPLIFIER SECTION

Output power
RMS Output Power Stereo mode
  Front Ch (both ch driven)

20 W per channel (6 Ω), 1 kHz, 10 % THD

  Total RMS Stereo mode power 40 W

■ TUNER SECTION

Preset Memory FM 30 stations
`SC-HC37` AM 15 stations

Frequency Modulation (FM)
  Frequency range

87.50 MHz to 108.00 MHz (50 kHz step)

  Antenna terminals 75 Ω (unbalanced)
`SC-HC37` **Amplitude Modulation (AM)**
  Frequency range

520 kHz to 1630 kHz (10 kHz step)
522 kHz to 1629 kHz (9 kHz step)

■ `SC-HC57DB`, `SC-HC37DB` DAB SECTION

DAB memories 20 channels
Frequency Band (Wavelength)
  Australia 9A to 9C
(202.928 MHz to 206.352 MHz)
  Band III (Europe/Australia) 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)

■ TERMINAL 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 MAX

iPod Connector DC OUT 5 V 1.0 A MAX
Phone jack
  Terminal Stereo, ⌀3.5 mm jack

■ DISC SECTION

Disc played (8 cm or 12 cm)

CD, CD-R/RW (CD-DA, MP3*)

* MPEG-1 Layer 3, MPEG-2 Layer 3

Pick up
  Wavelength 790 nm (CD)
  Laser power CLASS 1
Audio output (Disc)
  Number of channels 2 ch (FL, FR)

■ SPEAKER SYSTEM SECTION

Type

1 way, 1 speaker system (Passive Radiator)

Speaker unit(s)
  Full range 6.5 cm Cone type×1 per channel
  Passive Radiator 8 cm×2 per channel
Impedance 6 Ω

■ `SC-HC57DB` Wi-Fi®/ AirPlay SECTION

Wi-Fi®
  WLAN Standards IEEE802.11b/g
  Frequency range 2.4 GHz band
  Security WEP, WPA™, WPA2™
  WPS version Version 2.0 (WEP not support)

📖

*1: When the iPod/iPhone is not charging.
● Specifications are subject to change without notice.
Mass and dimensions are approximate.
● Total harmonic distortion is measured by a digital spectrum analyzer.

Unit and media care

Pull out the AC mains lead from the outlet before maintenance.

■ Clean this unit with a soft, dry cloth

● When dirt is heavy, wring a cloth moistened in water tightly to wipe the dirt, and then wipe it with a dry cloth.
● When cleaning the speaker covers, use a fine cloth.
  Do not use tissues or other materials (towels, etc.) that can fall apart. Small grains may get stuck inside the speaker cover.
● Never use alcohol, paint thinner or benzine to clean this unit.
● Before using chemically treated cloth, carefully read the instructions that came with the cloth.

■ Maintenance of the lens

● Clean the lens regularly to prevent malfunctions. Use a blower to remove dust and a cotton swab if it is extremely dirty.
● You cannot use a CD type lens cleaner.
● Do not leave the sliding door open for prolonged periods of time. This will cause the lens to get dirty.
● Be careful not to touch the lens with your fingers.

Lens
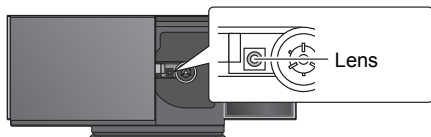
■ Clean discs

DO   **DO NOT**

Wipe with a damp cloth and then wipe dry.

■ Disc handling precautions

● Handle discs by the edges to avoid inadvertent scratches or fingerprints on the disc.
● Do not attach labels or stickers to discs.
● Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvent.
● Do not use the following discs:
  – Discs with exposed adhesive from removed stickers or labels (rented discs etc.).
  – Discs that are badly warped or cracked.
  – Irregularly shaped discs, such as heart shapes.

■ To dispose or transfer this unit

The unit may keep the user settings information in the unit. If you discard this unit either by disposal or transfer, then follow the procedure to return all the settings to the factory presets to delete the user settings. (⇨ 19, "To return all settings to the factory preset")
● SC-HC57DB The operation history may be recorded in the memory of this unit.

Licenses

SC-HC57DB

Made for
iPod iPhone

AirPlay

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, 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, or iPhone may affect wireless performance.
AirPlay, the AirPlay logo, iPad, iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

SC-HC57DB

The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.
The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance.
"Wi-Fi", "Wi-Fi Protected Setup", "WPA" and "WPA2" are marks or registered marks of the Wi-Fi Alliance.

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

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