

Operating Instructions Compact Stereo System

Model No. SC-HC58DB SC-HC58



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

Included Installation Instructions (+ 2, 3 and 27, 28)

The installation work should be done by 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.)

Model number suffix "EB" denotes UK model.



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 O or the BSI mark O 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.



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



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

Button-type battery (Lithium battery)

- Risk of fire, explosion and burns. Do not recharge, disassemble, heat above **60** °C 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.

(For the United Kingdom, Ireland, Australia and New Zealand)

• This unit is intended for use in moderate climates.

(For Asia and the Middle East)

• This unit is intended for use in tropical 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.
- 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.
- When disposing the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

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

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About descriptions in these operating instructions

- Pages to be referred to are indicated as "→ ○○".
- These operating instructions are applicable to models SC-HC58DB and SC-HC58. Unless otherwise indicated, illustrations in these operating instructions are of SC-HC58DB.
 SC-HC58DB : indicates features applicable to

SC-HC58DB only. SC-HC58 : indicates features applicable to SC-HC58 only.

Accessories

Check the supplied accessories before using this unit.

- 1 Remote control (with a battery) (N2QAYC000081) For the United Kingdom and Ireland 1 AC mains lead (K2CT2YY00097) For Australia and New Zealand 1 AC mains lead For Asia and the Middle East 3 AC mains leads SC-HC58DB 1 DAB antenna (RFA3425) SC-HC58 1 FM indoor antenna Wall mounting accessories 1 Safety holder 2 Wall mount (RGQ0660-K) brackets (RMQX1082-S) 1 Screw (XTB3+8JFJK-J) · Do not use AC mains lead with other equipment. • Product numbers provided in these operating instructions are correct as of January 2013. These may be subject to change.
 - For Asia and the Middle East Please use the supplied AC mains lead suitable for the household mains socket. In Saudi Arabia, please use the moulded three pin mains plug.

(When using the moulded three pin mains plug)



BE SURE TO READ THE CAUTION FOR THE AC MAINS LEAD ON PAGE 2 BEFORE CONNECTION.

For Oman only

OMAN-TRA
R/1131/13
D090281

For United Arab Emirates only

UAE-TRA
REGISTERED No:
ER0107913/13
DEALER No:
DA0052708/10

Control reference guide

Unless otherwise indicated, operations are described using the remote control.

1 Standby/on switch (ひ/l) (ひ)

Press to switch the unit from on to standby mode or vice versa.

In standby mode, the unit is still consuming a small amount of power.

2 Select the audio source

On the remote control:

[iPod/USB]: "IPOD_DOCK" ↔ "IPOD_PORT" / "USB" [CD/RADIO]: "CD" → "DAB/DAB+ (**SC-HC58DB**)" ^______"FM" ←____

[]: "BLUETOOTH"

On this unit:

"CD" ------→ "DAB/DAB+ (**SC-HC58DB**)" ------→ "FM"

- 3 Basic playback control buttons
- 4 Enter setup menu
- 5 Enter the iPod/iPhone menu Change displayed information
- 6 Open or close the sliding door
- 7 Adjust the volume (0 (min) to 50 (max))
- 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
- 12 "IPOD_PORT" for iPod/iPhone/iPad (→ 6) USB port (→ 6)
- 13 Headphone jack Plug type: Ø3.5 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.
- 14 Network setting button (\rightarrow 7)
- 15 Power on indicator
- 16 Wi-Fi® status indicator
- 17 Display
- 18 Sliding door
- 19 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.





- Set the button-type battery with its (+) mark facing upward.
- Keep the button-type battery out of reach of children to prevent swallowing.





To replace a button-type battery Battery type: CR2025 (Lithium battery)





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Connections



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- 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/FM antenna to a wall or column in a position with the least amount of interference. (Use a DAB/FM outdoor antenna if radio reception is poor.)

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.



Clean discs



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.

- (→ 21, "To return all settings to the factory preset")
- The operation history may be recorded in the memory of this unit.

Inserting media



- *1. Refer to "Playable media" for compatible models. (→ 24)
- *2: When using the "IPOD_PORT" connection, do not connect the following models to this unit:
 - iPod classic, iPod [4th (colour display), and 5th (video) generation], iPod nano (1st generation) Unexpected behaviour may occur.
- *3: Connect using the dedicated USB cable (not supplied).
- *4: Insert the USB device directly. Do not use any USB extension cable.
- *5: When using the "IPOD DOCK" connection:
 - · Be sure to remove the iPod/iPhone from its case.
 - Do not push or pull the dock manually.
 - · Make sure that the iPod/iPhone is fully inserted and its back is resting against the cushion pad.
 - Make sure to hold the dock when removing the iPod/ iPhone
- *6: Make sure to tilt the disc so as not to touch the sliding door.
- · Do not open the sliding door manually.
- · Make sure that the unit does not fall when inserting or removing media.
- · When moving this unit, be sure to remove all media and turn this unit to standby mode.
- · Before removing the USB device, select a source other than "USB".

Charging an iPod/iPhone/iPad

Charging starts when an iPod*2/iPhone/iPad is connected to this unit.

• During standby mode, charging will not start from the "IPOD PORT" connection, however it will start as usual from the "IPOD DOCK" connection.

CD≜

- To charge from the "IPOD PORT" connection, start the charging before turning this unit to standby mode.

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- Check the iPod/iPhone/iPad to see if the battery is fully charged. (Once fully recharged, additional recharging will not occur.)
- · If this unit is switched to standby mode "IPOD CHARGING" is shown on the unit's display.

Network settings

With this feature you can wirelessly stream music from an iOS device (iPhone, iPod, iPad) or a Mac/PC to this unit's speakers.

To use this feature (AirPlay), this unit must join the same 2.4 GHz wireless network as the AirPlay compatible device (\rightarrow 24).

 It is also possible to use AirPlay without a wireless network router. (+ 11, "Directly streaming to this unit")



Preparation

- Place this unit close to the wireless network router.
- Turn this unit on.
- 2 Follow the chart below to choose the network setting method.



- To cancel this setting in the middle, press [(b)] to turn off the unit.
- Depending on the network environment or the wireless *1: network router settings, it may take more than 10 mins. to complete the settings.

Method 1

If you're using an iPod touch/iPhone/iPad. (iOS version 5.0 or later.)

With this method you will share the wireless network settings of your iPod touch/iPhone/iPad with this unit. • The following explanations are based on an iPhone.

- Connect the iPhone to your home wireless network.
- 2 Connect the iPhone to this unit.

Choose one of the following connections.

- "IPOD DOCK" connection compatible iPod touch/ iPhone



- iPod touch/iPhone/iPad with iOS 5.0 or later



- 3 Unlock your iPhone and then press and hold [- NETWORK SETUP] on this unit for more than 3 seconds.
 - If "NOT SUPPORTED" or "SET WI-FI" is displayed, check that the iPhone is connected to the wireless network and try again from step 1.
- **4** A message will pop-up on your iPhone. Allow the iPhone to share the wireless network settinas.*1

→ The Wi-Fi status indicator blinks.

5 The unit's settings are completed when "SUCCESS" is displayed and the Wi-Fi status indicator stops blinking and lights in blue.

If "FAIL" is displayed press [OK] and try the setting again. If "FAIL" is still displayed, try "Method 2" or "Method 3".

- If the iPhone was disconnected midway through, try again without disconnecting it.
- **6** Press [OK] on the remote control to exit the settinas.
- To use AirPlay, turn to page 10.

Method 2

If your wireless network router supports WPS (Wi-Fi Protected Setup[™]).

Using the WPS Push Button Configuration (PBC)



The WPS identifier mark

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

- 1 Disconnect any devices connected to this unit.
- 2 Press and hold [- NETWORK SETUP] on the unit.



- Complete step 3 within 2 mins.
- **3** After "WPS" is indicated, press the WPS button on the wireless network router.
- 4 The unit's settings are completed when "SUCCESS" is displayed and the Wi-Fi status indicator stops blinking and lights in blue.

"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 3".

- **5** Press [OK] on the remote control to exit the setting.
- **6** To use AirPlay, turn to page 10.

• To use the WPS PIN code, refer to the notes on page 9.

Method 3

Setting the network connection from an Internet browser.

With this method, you will access this unit's wireless network settings from the Internet browser of your compatible device.

- The following explanations are based on an iPhone.
- 1 Press [SETUP] on the remote control repeatedly to select "NET SETUP" and then press [OK].



2 After "SETTING" is indicated, connect your iPhone to this unit's wireless network called "00 Setup _____"*1.2.



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



 \vdash This unit's setup window is displayed.

4 Select "Search wireless network".

Connec	to wireless network	
\square	Search wireless network	$\overline{\mathcal{A}}$
\square	Manual settings	
Additio	nal settings[+]	

5 Select and input the details.

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

Search wireless network		
Network name (SSID) Select		1
Password	5	
Advanced network settings[+]	\sim	

- Select your home wireless network name.*3
- 2 Type the password.

6 Select "**JOIN**" to apply the settings.

- In the pop-up screen, select "OK" to continue.
 Select "Cancel" to return to the setup window.
- 7 The unit's settings are completed when "SUCCESS" is displayed and the Wi-Fi status

indicator stops blinking and lights in blue.

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

8 Make sure to connect your iPhone back to your home wireless network^{*4}.

- **9** To use AirPlay, turn to page 10.
- *1: "_" stands for a digit that is unique to each set.
- *2: Make sure that DHČP 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".
- *4: To use the AirPlay function, connect the iPhone to the wireless network selected in step 5. (→ above)

Advanced network settings

 The below settings are the alternative or additional settings for "Method 3". (→ 8)

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 "JOIN".

Additional settings

If your home wireless network has been configured to use specific IP Addresses, Subnet Mask, Default Gateway, Primary DNS, etc.

Before step 6

- Select "Advanced network settings".
- → Input the required addresses into each field and select "JOIN".
- 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.

Before step 4

- Select "Additional settings".
- 1 Select "Edit STEREO SYSTEM name".
- 2 Type a new name into the "STEREO SYSTEM name" field.
 - → Only ASCII characters can be used.
- 3 Select "OK".
- 4 If this unit is already connected to your home wireless network:
 - Select "Additional settings", and then select "Exit".

If this unit is not connected to your home wireless network:

- Continue to step 4 of "Method 3".

- Enable Java and Cookies in your browser settings.
- This unit can also be set using the WPS PIN code. Replace step 3 of "Method 2" with the following steps. (Before starting, refer to the wireless network router's operating instructions for details on how to enter the PIN code.)
- While "WPS" is flashing press and hold [- NETWORK SETUP] again to display the 8 digit PIN code.
 - → Wi-Fi status indicator blinks purple.
- 2 Enter the PIN code into the wireless network router.

Using AirPlay with this unit's speakers

Preparation

- Complete the network settings. (→ 7)
- Connect the iOS device or Mac/PC to the same home wireless network as this unit.
- 1 Turn the unit on.
 - Check that the Wi-Fi status indicator lights in blue.



- If it doesn't light in blue, check the wireless network settings. (→ 7)
- 2 iOS device:

Start the "**Music**" (or iPod) app. Mac/PC:

Start "iTunes".

- If the Music app on your iOS device is used, select the audio file you want to play.
- 3 Select "Panasonic HC58 _____"**1.2 from the AirPlay Con.
 - Gheck the volume settings before starting the playback. (When AirPlay is used for the first time, the volume may be output at the maximum setting.)



4 Start play.

• The playback will start with a slight delay.

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- This unit can be set to turn on automatically when this unit is selected as the output speakers. (→ 20)
- 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.
- *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. (→ 9, "Advanced network settings")

Directly streaming to this unit

With this function set to "ON", you can stream music from the iOS device or Mac / PC (iTunes 10.2.2 or later) to this unit without the need of a wireless network router.

- Previous network settings will be deleted when this function is set to "ON".
- The following explanations are based on an iPhone.
- **1** Press [SETUP] repeatedly to select "D.CONNECT".
- 2 Press [▲, ▼] to select "ON" and then press [OK].
- 3 Press [▲, ▼] to select "OK? YES" and then press [OK].

"PW _ _ _ _ "*1 is displayed.

The 5 digits after "PW" is the password for this network.

4 Connect your iPhone to this unit's wireless network named "HC58 _____"*².

2
0

- 5 Enter the password that is indicated on this unit's display.
- **6** Once the iPhone is connected to this unit's wireless network, the setup is completed.



7 Continue to step 2 of "Using AirPlay with this unit's speakers" (→ 10).

- This setting is reset to "OFF" when other network settings are performed. (→ 7)
- When "D.CONNECT" is set to "ON", this unit will not be connected to the Internet. It is not possible to update the software or check the Wi-Fi signal strength.
- When AirPlay is not being used, disconnect the AirPlay compatible device from this network.
- When using a computer on this network, make sure that all the shared files are encrypted.
- This feature is only compatible with the "Open System" authentication method. It is not compatible with "Shared Key" authentication method.

Display the password

The first time "D.CONNECT" is set to "ON", a password for this unit's wireless network is randomly created and memorised in this unit.

- This password is memorised until it is changed.
- While "D.CONNECT" is set to "ON": Press [SETUP] repeatedly to select "D.CONNECT".
- 2 Press [▲, ▼] to select "ON" and then press [OK].
- 3 The current password is displayed.
 - The 5 digits after "PW" is the password for this network.
- 4 Press any button to exit.

Change the password

- While "D.CONNECT" is set to "OFF": Press [SETUP] repeatedly to select "D.CONNECT".
- 2 Press [▲, ▼] to select "CHANGE PW" and then press [OK].
- 3 Press [▲, ▼] to select "OK? YES" and then press [OK].
- 4 The new password is displayed.
 - The 5 digits after "PW" is the new password for this network.
- 5 Press any button to exit.

Note about changing the password

After changing this unit's wireless network password, if you are not prompted to change the password on the other devices, the following changes are required.

iOS device (iPod touch/iPhone/iPad)*3:

- Before choosing this unit's network,
- 1 Select [1] located beside this unit's wireless network name.
- 2 Select "Forget this Network" and then select "Forget".
- 3 Select this unit's wireless network and enter the new password.

Mac/PC:

 If the computer has memorised the old password, be sure to change the memorised password for this unit's wireless network to the new one.

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- Refer to the devices's operating instructions for details.
- *1: "_" stands for a digit.
- *2: "_" stands for a digit that is unique to each set.
- *3: Steps are based on iOS 6.0.1.

Bluetooth® operations

By using the Bluetooth[®] connection, you can listen to the sound from the Bluetooth[®] audio device from this unit wirelessly.

Pairing Bluetooth® devices

Preparation

- Turn on the Bluetooth® feature of the device and place the device near this unit.
- If this unit is already connected to a Bluetooth[®] device, disconnect it.
- 1 Press [] to select "BLUETOOTH".
 - If "PAIRING" is indicated on the display, go to step 3.
- 2 Press [PLAY MENU] to select "NEW DEV." and then press [OK].
 - \mapsto "PAIRING" is indicated on the display.
- 3 Select "SC-HC58" from the Bluetooth® device's Bluetooth® menu.
- 4 Start play on the Bluetooth[®] device.

- Refer to the operating instructions of the Bluetooth[®] device for details.
- If prompted for the passkey, input "0000".
- You can register up to 8 devices with this unit. 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 this unit.
- If this unit is already connected to a Bluetooth[®] device, disconnect it.
- Press [♣] to select "BLUETOOTH".
 ↓ "READY" is indicated on the display.
- 2 Select "SC-HC58" 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.

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- This unit can only be connected to one device at a time.
- When "BLUETOOTH" is selected as the source, this unit 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.

Preparation

- Press [8] to select "BLUETOOTH".
- If a Bluetooth[®] device is already connected, disconnect it.
- 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

• The default setting is "MODE 1".

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.
- Press [PLAY MENU] repeatedly to select "INPUT LEVEL".
- 2 Press [▲, ▼] to select the level and then press [OK].

"LEVEL 0" \leftrightarrow "LEVEL +1" \leftrightarrow "LEVEL +2"

- Select "LEVEL 0" if the sound is distorted.
- The default setting is "LEVEL 0".

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].

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 (→ 25) iPod : Compatible iPod/iPhone/iPad (→ 24) USB : USB devices containing MP3 files (\rightarrow 25)
- AirPlay When connected to an AirPlay compatible device. $(\rightarrow 10)$

Bluetooth : Connected Bluetooth[®] device (→ 12)

Preparation

- Turn the unit on.
- Insert the media (→ 6) or connect the Bluetooth[®] (→ 12) / AirPlay (→ 10) compatible device.
- Press [CD], [iPod/USB] or [1] to select the audio source.

 When using iPod/iPhone/iPad, the operation may vary among those models.

Basic play (CD, iPod, USB, AirPlay, Bluetooth)

Play	Press [▶/III].
Stop	 Press [■]. USE: The position is memorised and "RESUME" is displayed.
Pause	Press [▶/II]. Press again to restart play.
Skip	Press [I◀◀/◀◀] or [►►/►►I] to skip track.
	CD, USB Press [▲] or [▼] to skip the MP3 album.
Search (Except AirPlay)	During play or pause Press and hold [I◀◀/◀◀] or [▶►/▶►]]. • [Pocl: Backwards search is only within the current track.

CD, USB, Bluetooth To display information

Press [DISPLAY] repeatedly.

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· To use this unit's remote control with a Bluetooth® device, the Bluetooth® device must support AVRCP (Audio Video Remote Control Profile).

Depending on the device or the status of the device, some operations may not work.

- 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.



- 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.

- [▲. ▼]: 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.
- 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.

Playback modes (CD, USB, AirPlay *1)

Select the playback mode.

- Press [PLAY MENU] to select "REPEAT", "RANDOM" / "SHUFFLE" or "PLAYMODE".
- 2 Press [▲, ▼] to select the setting and then press [OK].

REPEAT

	CD USB	
	OFF	Select to cancel repeat playback.
	1-TRACK	Only plays the selected track. • "1", " • ", " • " is displayed. (Skip to the desired track.)
	ALL	All tracks are repeated. ● " 之" is displayed.
	AirPlay	
Refer to the connected device to verify the selected setting.		
CD USB 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.
AirPlay SHUFFLE		
	Refer to the co	onnected device to verify the selected

setting.

CD (MP3) USB PLAYMODE

ALL	Play all MP3 tracks.
1-ALBUM	 Only plays the selected MP3 album. "1", " " is displayed.

\square

- When using an iPod/iPhone/iPad or Bluetooth[®] device, use the setting on the device, if available.
- During random/shuffle play, you cannot skip to the previous track.
- CD: The mode is cancelled when you open the sliding door for discs.
- AirPlay : The applied settings will remain until it is changed.
- *1: AirPlay: Perform the settings during playback.

SOCHIC53DE Listening to DAB/DAB+

DAB is only available for the United Kingdom and Ireland.

Preparation

- Make sure that the DAB antenna is connected. (→ 5)
- Turn the unit on.

Memorising stations

To listen to DAB/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] to select "DAB/DAB+".

 "SCAN FAILED" is displayed when the auto scan is unsuccessful. Locate the position with the best reception (→ 15, "To verify or improve the signal reception quality") and then re-scan DAB/DAB+ stations.

To re-scan DAB/DAB+ stations

When new stations are added or when the antenna has been moved, reperform the auto scan.

- **1** Press [PLAY MENU] 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 (→ 15).

Listening to the memorised stations

Preparation*1

- 1 Press [RADIO] to select "DAB/DAB+".
- ② Press [PLAY MENU] repeatedly to select "TUNEMODE".
- ③ Press [▲, ▼] to select "STATION" and then press [OK].
- Press [RADIO] to select "DAB/DAB+".
- 2 Press [I◄◀/◀◀] or [►►/►►I] to select the station.

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

Presetting DAB/DAB+ stations

You can preset up to 20 DAB/DAB+ stations.

Preparation

- Press [RADIO] repeatedly to select "DAB/DAB+".
- 1 While listening to a DAB broadcast Press [OK].
- 2 Press [▲, ▼] to select the desired preset channel number and then press [OK].

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- 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/DAB+ stations Preparation*¹

- 1 Press [RADIO] to select "DAB/DAB+".
- ② Press [PLAY MENU] repeatedly to select "TUNEMODE".
- ③ Press [▲, ▼] to select "PRESET" and then press [OK].
- 1 Press [RADIO] to select "DAB/DAB+".
- 2 Press [I◄◀/◀◀] or [►►/►►I] to select the station.

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- 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" (→ 14).

Listening to the secondary service

Some DAB/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.

- While " ■" is displayed. Press [PLAY MENU] repeatedly to select "DAB SECONDARY".
- 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:	Current time

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".
- 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/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/DAB+ signal reception quality" (→ 16)

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., 12B 225.648 MHz).

- **1** While "SCAN FAILED" is displayed. Adjust the position of the DAB antenna.
- **2** Press [PLAY MENU] repeatedly to select "MANUAL SCAN".
- 3 Press [▲, ▼] to select the frequency block that is receivable in your region and then press [OK].

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- If broadcasting stations are memorised, proceed to "To re-scan DAB/DAB+ stations" to memorise stations on other frequency blocks. (→ 14)
- If "SCAN FAILED" is still displayed, repeat steps 1 to 3 until a station is memorised. If the situation does not improve, try using an outdoor DAB antenna or consult your dealer.

Checking the DAB/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 $[\blacktriangle, \mathbf{V}]$ 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. (→ 14)

Changing the Auto scan frequency range

Only the frequencies currently used in your region as of January 2013 on BAND III are Auto scanned ("LOCAL", factory setting).

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

- **1** Press [PLAY MENU] repeatedly to select "SCANMODE".
- 2 Press [▲, ▼] to select "ALL BAND III" or "LOCAL" 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/DAB+ is the music source, the timer switches off. (→ 18)

Listening to FM radio

You can preset up to 30 channels.

Preparation

- Make sure that the antenna is connected. (\rightarrow 5)
- Turn the unit on.
- Press [RADIO] to select "FM".

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

Presetting stations automatically

- Press [PLAY MENU] to select "A.PRESET".
- 2 Press [▲, ▼] to select "LOWEST" or "CURRENT" and then press [OK].

LOWEST:

To begin auto preset with the lowest frequency (FM 87.50).

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

- Press [PLAY MENU] repeatedly to select "TUNEMODE".
- ② Press [▲, ▼] to select "PRESET" and then press [OK].

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

Manual tuning and presetting

Select a radio broadcast.

- 1 Press [PLAY MENU] repeatedly to select "TUNEMODE".
- 2 Press [▲, ▼] to select "MANUAL" and then press [OK].
- 3 Press [I◀◀/◀◀] or [►►/►►I] to tune to the required station.
 - To start automatic tuning, press and hold [I<//<],
 [>>/>>] until the frequency starts scrolling. Tuning stops when a station is found.
- To preset the channel
- 4 While listening to the radio broadcast Press [OK].
- 5 Press $[\blacktriangle, \lor]$ 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".
- 2 Press $[\blacktriangle, \mathbf{V}]$ to select "MONO" and then press [OK].
- This setting can be preset and memorised. To do so, continue to step 4 of "Manual tuning and presetting".

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- 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.

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

Sound adjustment

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

- 1 Press [SOUND] repeatedly to select the effect.
- 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 $(-4 \text{ to } +4)$.
Dynamic Bass (D.BASS)	"ON D.BASS" or "OFF D.BASS". • The factory preset is "ON D.BASS".

 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".

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

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- To display the clock, press [SETUP] to select "CLOCK" and then press [OK] once. The time is displayed for 10 seconds. (During standby, press [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".
- 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].

Turn the timer on

- Select the music source^{*1} and set the desired volume.
- 2 Press [SETUP] repeatedly to select "TIMER SET".
 - Press [▲, ▼] to select "SET" and then press [OK]. • "②" is displayed.
 - To turn the timer off, select "OFF".
- 4 Press [也] to turn the unit off.

3

- To display the timer settings, press [SETUP] repeatedly to select "TIMER ADJ" and then press [OK] once.
 The music source and volume will also be displayed if the timer is turned on.
- During standby, if the timer is turned on, press [DISPLAY] twice to display the settings.
- 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.
- *1: "CD", "USB", "IPOD_PORT", "IPOD_DOCK", "DAB/DAB+" (SC-HC53DE)) and "FM" can be set as the music source.

Sleep timer

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

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

"SLEEP 30" ↔ "SLEEP 60" ↔ "SLEEP 90" ↔ "SLEEP 120" \uparrow → OFF (Cancel) ← \uparrow

- 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.

Others

Automatic standby

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

To cancel this function

- Press [SETUP] repeatedly to select "AUTO OFF".
- 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/DAB+" (SC-HC59DB) or "FM" is the source.

Display brightness

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

- 1 Press [SETUP] repeatedly to select "DIMMER".
- 2 Press [▲, ▼] to select "ON" and then press [OK].

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

Changing the 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 While pressing and holding [SELECTOR] on the unit, press and hold [CD/RADIO] on the remote control until the unit's display shows "REMOTE 2".
- **3** Press and hold [OK] and [CD/RADIO] on the remote control for at least 4 seconds.

 To change the mode back to "REMOTE 1", repeat the steps above but replace the button pressed on the remote control from [CD/RADIO] to []].

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

- Turn the unit on.
- Connect this unit to the wireless network. (→ 7)
 - Make sure that the wireless network is connected to the Internet.
 - If "D.CONNECT" is set to "ON", change the setting to "OFF" and connect this unit to a wireless network that 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.

DO NOT DISCONNECT the AC mains lead while one of the following messages is displayed.

- "LINKING", "UPDATING" or "□□□%" (" □ " stands for a number.)
- During the update process, no other operations can be performed.
- **3** When the update has finished successfully, "SUCCESS" is displayed.
- 4 Disconnect the AC mains lead and reconnect it after 3 minutes.
- Downloading will require several minutes. It may take longer or may not work properly depending on the connection environment.

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- 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.

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.

Wi-Fi signal strength

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

Preparation

Connect this unit to the wireless network. $(\rightarrow 7)$

- 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. (→ 23)
- This function does not work when "D.CONNECT" is set to "ON".

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. $(\rightarrow 7)$

- 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.

Wireless network name (SSID)

Display the name for the connected wireless network (SSID).

- 1 Press and hold [– NETWORK SETUP] on the unit and [OK] on the remote control until the unit's display shows the SSID.
- 2 Press [OK] to exit.

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- If "NOCONNECT" is displayed this unit is not connected to a wireless network.
- All letters are displayed as capital letters, and characters that cannot be displayed are replaced with "∗".

IP/MAC Address

To check the unit's IP address or the Wi-Fi MAC address.

- Press and hold [– NETWORK SETUP] 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 [▲].
- 2 Press [▲, ▼] on the remote control to show the rest of the IP address.

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- To exit the setting, wait 20 sec.
- 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.
- Disconnect the AC mains lead. (Wait for at least 3 minutes before proceeding to step (2).)
- While pressing and holding down [U/I] on the unit, reconnect the AC mains lead.
 - "-----" appears on the display.
- ③ Release [心/l].

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

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. (→ 19)

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. (→ 25)
- There is moisture on the lens. Wait for about an hour and then try again.

USB operations

No response when [▶/II] 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 (→ 25).
- 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

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DAB/DAB+ reception is poor.

- Keep the antenna away from computers, televisions, other cables and cords.
- Use an outdoor antenna (→ 5).

A beat sound or noise is heard while receiving radio broadcast.

- Confirm the antenna is properly connected. (→ 5)
- · Adjust the position of the antenna.
- Try to keep a certain amount of distance between the antenna and AC mains lead.
- Try using an outdoor antenna if there are buildings or mountains nearby.
- Switch the television or other audio players off or separate it from this unit.
- Keep this unit away from mobile phones if the interference is apparent.

iPod/iPhone/iPad operations

Cannot charge or operate.

- Have you selected the appropriate selector? Press [iPod] to select either "IPOD DOCK" or "IPOD PORT".
- Check that the iPod/iPhone/iPad is connected properly. (→ 6)
- The battery of the iPod/iPhone/iPad is depleted. Charge the iPod/ iPhone/iPad, and then operate again.
- Connect the iPod/iPhone/iPad again or try to restart the iPod/ iPhone/iPad.
- When this unit is in standby mode, charging will not start when using the "IPOD_PORT" connection.

Turn this unit on and make sure the charging has started before switching this unit to standby mode.

AirPlay operations

Cannot connect to the network.

- Confirm the network connection and settings. (→ 7)
- Your wireless network might be set to be invisible. In this case select "Manual settings" in "Method 3". (→ 9)
- This unit cannot join a wireless network using WEP security settings with the WPS methods ("Method 2"). Use "Method 3" to join the wireless network. (→ 8)
- Make sure that the multicast function on the wireless network router is set to on (enabled).
- When "D.CONNECT" is used, if the password for "D.CONNECT" has been changed connect the other device to this unit using the new password. (→ 11)

Cannot connect to the unit.

- Display the wireless network name that this unit is connected to and make sure that the device is connected to the same network.
 (→ 7)
- If "NÉT 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" (→ 20) 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.

Playback does not start.

The sound is interrupted.

- Simultaneous use with other 2.4 GHz devices, such as microwaves, cordless telephones, etc., 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 "D.CONNECT" is set to "ON", place the AirPlay compatible device closer to this unit.
- 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.
- If the playback stops, check the playback status on the iOS device or iTunes.
- If play does not start (even though the Wi-Fi status indicator lights in blue and the AirPlay in icon is displayed), restart the wireless network router, turn the Wi-Fi connection on the iOS device or Mac/PC off and on, and then make sure that your home wireless network is selected.
- If the AirPlay micro is not displayed even if Wi-Fi status indicator lights in blue, try restarting the wireless network router.
- 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. (+ 10)

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. (→ 12)
- This unit might be connected to a different device. Disconnect the other device and try pairing the device again. (→ 12)

The device is connected but audio cannot be heard through this unit.

 For some built-in Bluetooth[®] devices, you have to set the audio output to "SC-HC58" 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 unit.
- Remove any obstacle between this unit 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 unit and distance it from the other devices.
- Select "MODE 1" for stable communication. (→ 12)

Remote control

The remote control doesn't work properly.

- The remote control and this unit are using a different code.
 (→ 23, "REMOTE □")
- Is the battery depleted or is the battery inserted incorrectly? (→ 4)

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 (→ 18).

"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 within a minute. Press any button to cancel it.

"CANNOT SET"

• Select an audio source other than "AIRPLAY" or "BLUETOOTH".

"CHECKING CONNECTION"

- The unit is checking the connected iPod/iPhone/iPad.
- If this display keeps appearing, make sure that the battery of the iPod/iPhone/iPad is not depleted and that the iPod/iPhone/iPad is turned on and connected correctly (→ 6).

"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.

"ERROR"

Incorrect operation is performed. Read the instructions and try again.

"F□□" (" □ " stands for a number.)

- There is a problem with this unit.
- Note down the displayed number, disconnect the AC mains lead and consult your dealer.

"FAIL"

· Updating or setting has failed. Read the instructions and try again.

"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_DOCK OVER CURRENT ERROR" "IPOD_PORT OVER CURRENT ERROR"

- The iPod/iPhone/iPad is drawing too much power. Disconnect the iPod/iPhone/iPad and turn the unit off and on again.
- The USB device is drawing too much power. Switch to "CD" mode, remove the USB and turn the unit off.

"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. (→ 7)
 - If the problem persists, consult your dealer.

"LEVEL -"

 When "D.CONNECT" is set to "ON" the Wi-Fi signal strength cannot be checked. To check the Wi-Fi signal strength from the wireless network router, set "D.CONNECT" to "OFF". (+ 11)

"LINKING"

 This unit is communicating with the wireless network router to complete the network settings.
 Depending on the wireless network router this process may take a few minutes. Try moving this unit closer to the wireless network router

"NOCONNECT"

 This unit is not connected to the network. Check the network connection. (→ 7)

"NODEVICE"

- The iPod/iPhone/iPad device is not inserted correctly. Read the instructions and try again (→ 6).
- The battery of the iPod/iPhone/iPad is depleted. Charge the iPod/ iPhone/iPad and turn it on before connecting.
- The USB device is not inserted. Check the connection.

"NO DISC"

Insert the disc to be played (→ 6).

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"NO MEMORY"

 There are no preset DAB/DAB+ stations to select. Preset some channels. (→ 15)

"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.

SC-HC58DB

"NO SIGNAL"

This station cannot be received. Check your antenna (→ 5).

"NOT SUPPORTED"

- You have connected an iPod/iPhone/iPad that cannot be played (→ 24).
- If the iPod/iPhone/iPad is compatible, turn it on and connect it correctly.
- The connected iPod touch/iPhone/iPad is not connected to a wireless network. Connect it to a wireless network and try again.
 (→ 7)

"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 [S] for more than 4 seconds.
 - When "REMOTE 2" is displayed, press and hold [OK] and [CD/ RADIO] for more than 4 seconds.

"SET WI-FI"

 The connected iPod touch/iPhone/iPad is not connected to a wireless network. Connect it to a wireless network and try again.
 (→ 7)

SC-HC58DB

"SCAN FAILED"

 Stations are not receivable. Check your antenna and try Auto scanning (→ 14).

If "SCAN FAILED" is still displayed find the best signal reception with the "MANUAL SCAN" tuning function. (\rightarrow 15)

About Bluetooth®

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

Frequency band used

• This unit 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 the unit.
 - Removing specification indications.

Restrictions of use

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

Range of use

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

Interference from other devices

- This unit may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth[®] devices or the devices that use the 2.4 GHz band.
- This unit may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

Intended usage

- This unit 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).

Playable media

Compatible iPod/iPhone/iPad

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

(as of January 2013)

- Compatibility depends on the software version. Update your iPod/iPhone/iPad to the latest software before using it with this unit.
- Please be aware that Panasonic accepts no responsibility for the loss of data and/or information.

Compatible AirPlay devices

iOS 4.3.3 or later

iPod touch

3rd, 4th, and 5th generation

iPhone 5 / iPhone 4S / iPhone 4 / iPhone 3GS

iPad (3rd, and 4th generation) / iPad 2 / iPad

iPad mini

iTunes 10.2.2 or later (Mac / PC)

(as of January 2013)

Note about using AirPlay

- Simultaneous use with other 2.4 GHz devices, such as microwaves, cordless telephones, etc., may result in connection interruptions.
- For up to date compatibility information on your wireless network router refer to http://panasonic.jp/support/global/cs/ (This site is in English only.)

Compatible CD

• A disc with the CD Logo.

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- 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 guarantee 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.

Licenses



"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.

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.



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.

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.

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

Specifications

GENERAL

Power consumption	37 W
Power consumption in	n standby mode*1
	Approx. 0.2 W
Power consumption	in standby mode
(With the iPod dock	open)
	Approx. 0.5 W
(With "NET STNBY"	set to "ON")
	Approx. 6.5 W
Power supply	
For the United Kingdom, Ir	eland, Australia and New Zealand
	AC 220 V 10 240 V, 50 HZ
For Asia and the middle Ea	AC 110 V to 240 V 50/60 Hz
	AC 110 V to 240 V, 30/00 112
Dimensions (W×H×D)	
	500 mm×204 mm×84 mm
Mass	
Operating temperature	range
oporating temperature	$0^{\circ}C$ to +40 $^{\circ}C$
Operating humidity rai	nae
35 %	to 80 % RH (no condensation)
	CTION
	STION
BMS Output Power	toroo modo
Front Ch (both ch c	driven)
20 W per cl	hannel (6 O) 1 kHz 10 % THD
Total RMS Stereo m	node power
	40 W
For Asia and the Middle East	st
PMPO output power	450 W
■ TUNER SECTIO	N
Preset Memory	FM 30 stations
Frequency Modulation	(FM)
Frequency range	
87.50 MH	Iz to 108.00 MHz (50 kHz step)
Antenna terminals	
	75 Ω (unbalanced)
SC-HC58DB DA	B SECTION
DAB memories	20 channels
Frequency Band (Way	elenath)
Band III (LOCAL)	
For the United Kingdom and	d Ireland 10B to 12D
(211.648 MHz to 229.072 MHz)
For Australia and New Zeala	and 9A to 9C
(202.928 MHz to 206.352 MHz)
Band III (ALL BAND	111) 5A to 13F
	174.928 MHz to 239.200 MHz)
Sensitivity *BER 4x10*	
NIII Requirement	-98 dBm
Terminal	F - Connector (75.0)
. Stilling	

DISC SECTION

Disc played (8 cm or 12 cm) CD, C) D-R/RW (CD-DA, MP3*2)	
Pick up Wavelength	790 nm (CD)	
Audio output (Disc) Number of channels	2 ch (FL, FR)	
SPEAKER SYSTEM	SECTION	
Туре	020 Hold	
1 way, 1 speaker s Speaker unit(s) Full range	ystem (Passive Radiator)	
6.5 cm (Cone type×1 per channel	
Passive Radiator	8 cm×2 per channel	
	0.12	
■ IERMINAL SECTIO "IPOD_DOCK" connection	N	
	DC OUT 5 V 1.0 A MAX	
"IPOD_PORT" connection		
LISP Standard	DC OUT 5 V 2.1 A MAX	
USD Stanuaru	USB 2.0 full speed	
Media file format support		
USB device file system	MP3 (*.mp3)	
	FAT12, FAT16, FAT32	
Phone jack Terminal	Stereo, Ø3.5 mm jack	
■ Wi-Fi/AirPlay SECT	ON	
Wi-Fi		
Frequency range	2.4 GHz band	
Security	WEP, WPA™, WPA2™	
WPS version	on 2.0 (WEP not support)	
Bluetooth® system specification V30		
Wireless equipment classifi	cation	
Supported profiles	Class 2	
	A2DP, AVRCP, GAVDP	
Frequency band	2402 MHz to 2480 MHz	
(Adaj	otive Frequency Hopping)	
Driving distance	10 m Line of sight	
• Specifications are subject to cha	ange without notice.	

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

- Total harmonic distortion is measured by a digital spectrum analyzer.
- *1: When the iPod/iPhone/iPad is not charging and the dock is closed.
- *2: MPEG-1 Layer 3, MPEG-2 Layer 3

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Attaching the unit to a wall (optional)

This unit can be wall mounted using the supplied wall mount brackets, etc. Make sure that the screw used and the wall are strong enough to support the weight of at least 33 kg.

The screws and other items are not supplied as the type and size will vary with each installation.

- Refer to step 3 of "Wall mount instructions" for details about the required screws.
- Be sure to attach the fall prevention cord as a secondary safety measure.

Installation accessories

Supplied accessories

- 1 Safety holder
- 1 Screw
- 2 Wall mount brackets
- Additionally required accessories (commercially available)
- 4 Wall mount bracket fixing screws
- 1 Safety holder fixing screw
- 1 Fall prevention cord*1
- 1 Screw eye
- *1: Use a cord that is capable of supporting over 33 kg (with a diameter of about 1.5 mm).
- 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.

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 these operating instructions.

Wall mount instructions

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

- 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.

Before deciding the location to place the unit, be sure to check that the Wi-Fi signal strength is sufficient. (\Rightarrow 7, 20)

The position to attach the wall mount brackets



Space required



- **3** Attach the wall mount bracket to the wall with 2 screws (not supplied). (Both sides)
 - Use a level to ensure both wall mount brackets are level.



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

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



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



- 6 Hook the unit securely onto the wall mount brackets with both hands.
 - Connect the antenna and the AC mains lead to the unit before hanging the unit onto the wall. (+ 5)
 - After hanging the unit, release your hands carefully to confirm the unit sits securely on the wall.



- 7 Drive the safety holder fixing screw (not supplied) to secure the safety holder onto the wall.
 - Refer to step 3 for requirements before screwing.



(not supplied)

- 8 Attach the fall prevention cord (not supplied) to the wall.
 - Make sure that the slack of the cord is minimal.



Limited Warranty (ONLY FOR AUSTRALIA)

Panasonic Warranty

- 1. The product is warranted for 12 months from the date of purchase. Subject to the conditions of this warranty Panasonic or its Authorised Service Centre will perform necessary service on the product without charge for parts or labour, if in the opinion of Panasonic, the product is found to be faulty within the warranty period.
- 2. This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia or its Authorised Distributors or Dealers and only where the products are used and serviced within Australia or it's territories. Warranty cover only applies to service carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when warranty service is requested.
- 3. This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
- This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
 - (a) Cabinet Part(s)

- (e) DVD, Blu-ray or Recordable Discs
- (b) Video or Audio Tapes
- (f) Video / Audio Heads from wear and tear in normal use
- (c) SD cards or USB devices
- (g) Information stored on Hard Disk Drive, USB stick or SD card
- (d) User replaceable Batteries etc
- (h) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s)
- 5. Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover (a) Internet and or DLNA connection / setup related problems
 - (b) Access fees and or charges incurred for internet connection
 - (c) The use of incompatible software or software not specifically stipulated in the product operations manual; and
 - (d) Any indirect or consequential costs associated with the incorrect use or misuse of the hardware, its connection to the internet or any other device.
- 6. To claim warranty service, when required, you should:
 - Telephone Panasonic's Customer Care Centre on 132600 or visit our website referred to below and use the Service Centre Locator for the name/address of the nearest Authorised Service Centre.
 - Send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt as a proof of purchase date. Please note that freight and insurance to and / or from your nearest Authorised Service Centre must be arranged by you.
 - Note that home or pick-up/delivery service is available for the following products in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centres:
 - Plasma/LCD televisions / displays (screen size greater than 103 cm)
- 7. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other ancillary activities), delivery, handling, freighting, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, de-installation, re-installation or transit.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

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

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

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

If you require assistance regarding warranty conditions or any other enquiries, please visit the Panasonic Australia website www.panasonic.com.au or contact by phone on 132 600

If phoning in, please ensure you have your operating instructions available.

Panasonic Australia Pty. Limited

ACN 001 592 187 ABN 83 001 592 187

1 Innovation Road, Macquarie Park NSW 2113

PRO-031-F11 Issue: 4.0

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For the United Kingdom and Ireland

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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)

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.

For the United Kingdom and Ireland customers

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 <u>www.pas-europe.com</u>.
- 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.



(Bottom of product)



EU

Manufactured by: Panasonic Corporation Kadoma, Osaka, Japan Importer: Panasonic Marketing Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Germany



(En)

Panasonic Corporation Web Site: http://panasonic.net