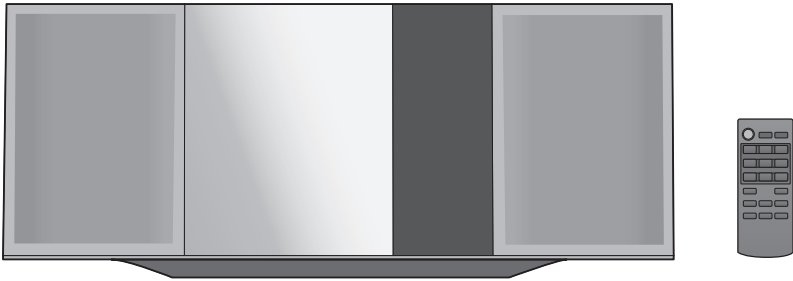




Operating Instructions

Compact Stereo System

Model No. SC-HC397
SC-HC395



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, 19 and 20)

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.

EG EB GN

RQT0A88-1B

Caution for AC Mains Lead


(For the AC mains plug of three pins)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

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

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local dealer.

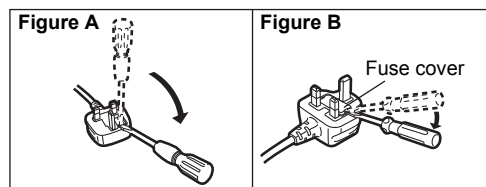
Before use

Remove the connector cover.

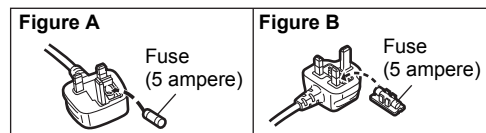
How to replace the fuse

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

1. Open the fuse cover with a screwdriver.



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.

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.

Battery

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- 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.
 - Do not take apart or short circuit.
 - Do not recharge alkaline or manganese batteries.
 - Do not use batteries if the covering has been peeled off.
- When disposing of 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 "→ ○○".
- Unless otherwise indicated, operations are described using the remote control.
- These operating instructions are applicable to models SC-HC397 and SC-HC395. Unless otherwise indicated, illustrations in these operating instructions are of SC-HC397.
 - SC-HC397** :indicates features applicable to SC-HC397 only.
 - SC-HC395** :indicates features applicable to SC-HC395 only.

Accessories

Check the supplied accessories before using this unit.

- ☐ **1 Remote control**
(N2QAYB000944)
- ☐ **1 Battery for remote control**
- ☐ (For the United Kingdom and Ireland)
1 AC mains lead
(K2CT2YY00097)
- ☐ (For Continental Europe)
1 AC mains lead
(K2CQ2YY00119)
- ☐ (For Australia and New Zealand)
1 AC mains lead
(K2CJ2YY00101)
- ☐ **SC-HC397**
(For the United Kingdom and Ireland)
(For Continental Europe)

- 1 DAB indoor antenna**
(RFA3669)



- ☐ **SC-HC397**
(For Australia and New Zealand)
1 DAB indoor antenna
(N1CYYYY00022)

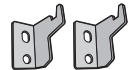
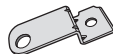


- ☐ **SC-HC395**
1 FM indoor antenna
(RSAX0002)





Wall mounting accessories

- ☐ **1 Safety holder**
(RSC1266)
- ☐ **2 Wall mount brackets**
(RSC1262-1)
- ☐ **1 Screw**
(XTB3+8JFJK-J)

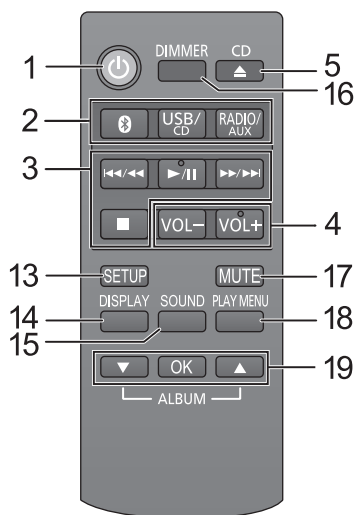
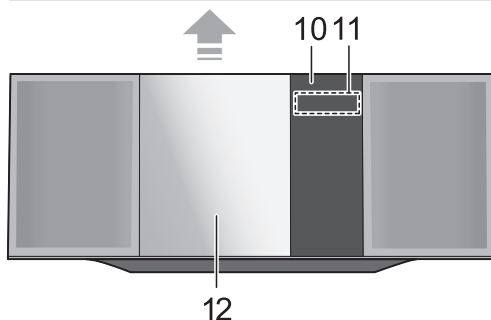
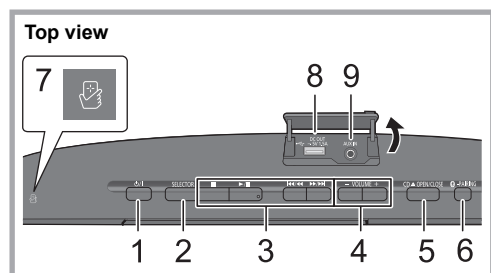


- Do not use AC mains lead with other equipment.
- Product numbers provided in these operating instructions are correct as of January 2017. These may be subject to change.

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

- ~ AC
- == DC
-  Class II equipment (The construction of the product is double-insulated.)
- I On
-  Standby

Control reference guide



1 Standby/on switch (⏻/⏻) (⏻)

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 this unit:

“CD” → “BLUETOOTH” → “USB”
 “AUX” ← “FM” ← (“DAB+”)*

On the remote control:

[8]: “BLUETOOTH”
 [USB/CD]: “CD” ↔ “USB”
 [RADIO/AUX]: (“DAB+”)* → “FM”
 “AUX” ←

3 Basic playback control buttons

4 Adjust the volume (0 (min) to 50 (max))

5 Open or close the sliding door

6 Bluetooth®-pairing button

- Press to select “BLUETOOTH” as the audio source.
- Press and hold to enter pairing mode (→ 7) or disconnect a Bluetooth® device (→ 8).

7 NFC touch area (→ 7)

8 Port for USB devices / DC OUT terminal (→ 8)

9 AUX IN jack (→ 5)

10 Remote control signal sensor

Distance: Within approx. 7 m directly in front
 Angle: Approx. 30° left and right

11 Display

12 Sliding door

13 Enter setup menu

14 Change the displayed information

15 Enter sound menu

16 Dim the display panel

Press again to cancel.

17 Mute the sound

Press again to cancel. “MUTE” is also cancelled when the volume is adjusted or the unit is turned off.

18 Enter playback menu

19 Selection/OK

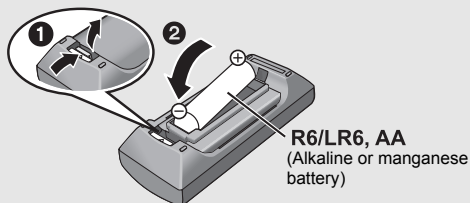
* Only available for **SC-HC397**

■ Using the remote control

Insert the battery so the terminals (+ and –) match those in the remote control.

Point it at the remote control signal sensor on this unit.

- To avoid interference, please do not put any objects in front of signal sensor.



Connections

1 Connect the antenna.

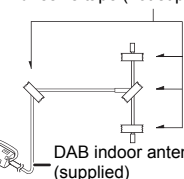
SC-HC397

This unit can receive DAB/DAB+ and FM stations with the DAB antenna.

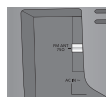


Be sure to tighten the nut fully.

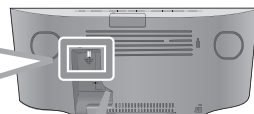
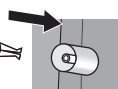
Adhesive tape (not supplied)



SC-HC395



Adhesive tape (not supplied)
FM indoor antenna (supplied)

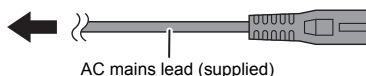


2 Connect the AC mains lead after all other connections are completed.

This unit consumes a small amount of AC power (→ 21) even when turned off.

- In the interest of energy conservation, if you will not be using this unit for an extended period of time, unplug it from the mains socket.

To a mains socket



- These speakers do not have magnetic shielding. Do not place them near a TV, personal computer or other magnetic devices.
- Tape the antenna to a wall or column in a position with the least amount of interference.
- **SC-HC397** If radio reception is poor, use a DAB outdoor antenna (not supplied).
- **SC-HC395** If radio reception is poor, use a FM outdoor antenna with a right angle type connector (not supplied).

Connect an external music device

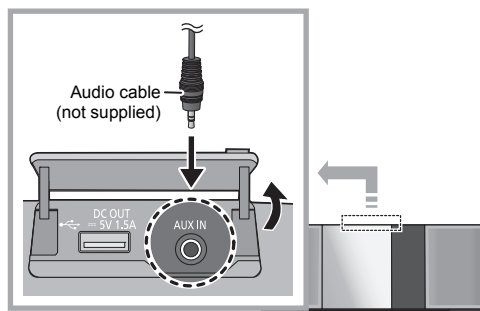
- 1 Connect an external music device using an audio cable (not supplied).

- Plug type: Ø3.5 mm stereo

- 2 Press [RADIO/AUX] repeatedly to select "AUX" and start playback on the connected device.

To select the sound input level of the external device

- 1 While in AUX mode, press [SOUND] repeatedly to select "INPUT LEVEL".
- 2 Press [▲, ▼] to select "NORMAL" or "HIGH" and then press [OK].
 - The factory default is "NORMAL".

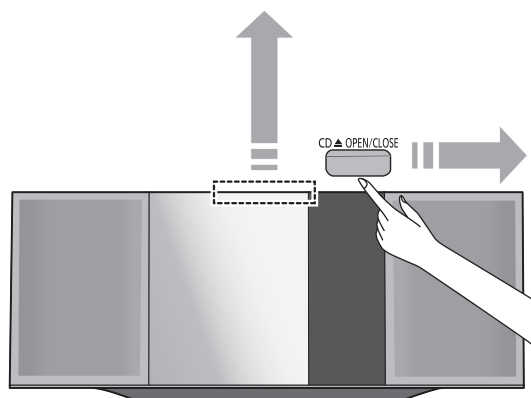
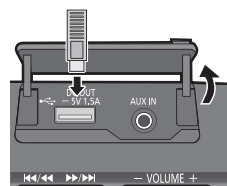


- To improve sound distortion when "HIGH" is selected, select "NORMAL".
- Switch the equalizer off or turn the volume of the external device down to reduce the input signal. High level of input signal will distort the sound.
- For details, refer to the operating instructions of the device.

Inserting media

■ Connecting a USB device

- Insert the USB device directly. Do not use any USB extension cable.
- Please disconnect the USB device if you finish using.
- Before removing the USB device, select a source other than "USB".



■ Inserting a CD



The label side

- Make sure to tilt the disc so as not to touch the sliding door.
- Do not open the sliding door manually.

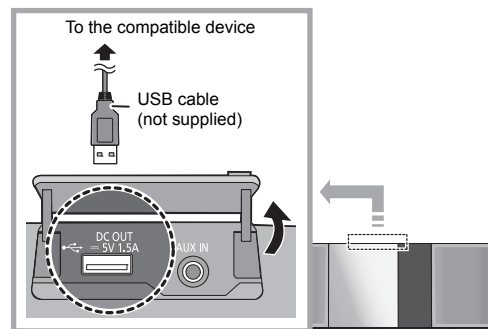
■ Charging a device

Charging starts when a device (rated value: 5 V/1.5 A) is connected to the DC OUT terminal of this unit.

1 Turn the unit on.

2 Connect a device.

↳ Confirm from the screen of the connected device, etc. to make sure charging has started.



- A cable compatible with your device is required. Use the cable that comes with your device.
- Even if you connect a cable compatible with the DC OUT terminal of this unit, your device may not be charged. In that case, use the charger that comes with the device.
- Depending on your device, using other chargers may not work. Check the operating instructions of your device before use.
- Do not connect a device with a rated value higher than 5 V/1.5 A to this unit.
- To check if charging is complete, look at the screen of the connected device, etc.
- Once fully charged, remove the USB cable from the DC OUT terminal.
- To continue charging during standby mode, make sure the device has started charging before turning the unit to standby mode.
 - When charging a depleted device, do not turn the unit to standby mode until the device becomes operational.



- 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.

Bluetooth® operations

You can listen to the sound from the Bluetooth® audio device from this unit wirelessly.

- Refer to the operating instructions of the Bluetooth® device for details.
- If you intend to use an NFC (Near Field Communication)-compatible Bluetooth® device, proceed to “One-Touch Connection (Connecting by NFC)”.

Connecting via Bluetooth® menu

Preparation

- Turn on the Bluetooth® feature of the device and place the device near this unit.

■ Pairing with Bluetooth® devices

- 1 Press [F] to select “BLUETOOTH”.
↳ If “PAIRING” is indicated on the display, go to step 4.

To enter pairing mode*

- 2 Press [PLAY MENU] to select “PAIRING”.
- 3 Press [▲, ▼] to select “OK? YES” and then press [OK].

To pair with a device

- 4 Select “SC-HC397” or “SC-HC395” from the Bluetooth® device’s Bluetooth® menu.
↳ The MAC address (e.g., 6C:5A:B5:B3:1D:0F) may be displayed before “SC-HC397” or “SC-HC395” is displayed.
↳ The name of the connected device is indicated on the display for a few seconds.
- 5 Start playback on the Bluetooth® device.

* You can also enter pairing mode by pressing and holding [F -PAIRING] on the unit.

■ Connecting a paired Bluetooth® device

- 1 Press [F] to select “BLUETOOTH”.
↳ “READY” is indicated on the display.
- 2 Select “SC-HC397” or “SC-HC395” from the Bluetooth® device’s Bluetooth® menu.
↳ The name of the connected device is indicated on the display for a few seconds.
- 3 Start playback on the Bluetooth® device.



- 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 the longest will be replaced.
- 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. (“LINKING” is indicated on the display during this process.) If the connection attempt fails, try to establish a connection again.

One-Touch Connection (Connecting by NFC)

For NFC-compatible Bluetooth® devices (Android™ devices) only

Simply by touching an NFC (Near Field Communication)-compatible Bluetooth® device on the unit, you can complete all preparations, from registering a Bluetooth® device to establishing a connection.

Preparation

- Turn on the NFC feature of the device.
- Android device version lower than 4.1 requires the installation of the app “Panasonic Music Streaming” (free of charge).
 - 1 Enter “Panasonic Music Streaming” in the search box of Google Play™ to search, and then select “Panasonic Music Streaming”.
 - 2 Start the app “Panasonic Music Streaming” on the device.
 - Follow on-screen instructions on your device.
 - Always use the latest version of the app.

- 1 Press [F] to select “BLUETOOTH”.
- 2 Touch and hold your device on the NFC touch area of this unit [N]. (→ 4)

Do not move the Bluetooth® device until it beeps, displays a message or reacts in some way.

Once the Bluetooth® device has reacted, move the device away from this unit.

- When the registration and connection of the Bluetooth® device is complete, the name of the connected device is indicated on the display for a few seconds.
- The location of the NFC touch area differs depending on the device. When a connection cannot be established even if your Bluetooth® device has touched the NFC touch area of this unit, change the position of the device. The condition may also improve if you download the dedicated app “Panasonic Music Streaming” and start it up.

- 3 Start playback on the Bluetooth® device.






- If you touch another device to this unit, you can update the Bluetooth® connection. The previously connected device will be disconnected automatically.
- When the connection is established, playback may start automatically depending on the type of device being used.
- The One-Touch Connection may not work properly depending on the type of device being used.

Bluetooth® transmission mode

You can change the transmission mode to prioritise transmission quality or sound quality.

Preparation

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

- 1 Press [PLAY MENU] repeatedly to select "LINK MODE".
- 2 Press [, ] to select the mode and then press [OK].

MODE 1: Emphasis on connectivity

MODE 2: Emphasis on sound quality





- Select "MODE 1" if the sound is interrupted.
- The factory default is "MODE 2".

Bluetooth® input level

If the sound input level from the Bluetooth® device is too low, change the input level setting.

Preparation

- Connect a Bluetooth® device.



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

"LEVEL 0" ↔ "LEVEL +1" ↔ "LEVEL +2"




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

Disconnecting a Bluetooth® device

- 1 While a Bluetooth® device is connected:
Press [PLAY MENU] repeatedly to select "DISCONNECT?".
- 2 Press [, ] to select "OK? YES" and then press [OK].




- You can also disconnect the Bluetooth® device by pressing and holding []-PAIRING on the unit.
- The Bluetooth® device will be disconnected if a different audio source (e.g., "CD") is selected.

Media playback controls

The following marks indicate the availability of the feature.







- CD**: CD audio in CD-DA format and a CD that contains MP3 files (→ 18)
- USB**: USB devices containing MP3 files (→ 18)
- Bluetooth**: Connected Bluetooth® device

Preparation

- Turn the unit on.
- Insert the media or connect the Bluetooth® device.
- Press [USB/CD] or  to select the audio source.

Basic controls

(**CD**, **USB**, **Bluetooth**)

Play	Press [ /II].
Stop	Press []. <ul style="list-style-type: none">• USB: The position is memorised and "RESUME" is displayed.• USB: Press [] twice to stop the playback fully.
Pause	Press [ /II]. Press again to restart play.
Skip	Press [ /◀◀] or [▶▶/▶▶] to skip track. CD , USB Press [▲] or [▼] to skip the MP3 album.
Search	During play or pause, press and hold [ /◀◀] or [▶▶/▶▶].

To display information

Press [DISPLAY] repeatedly.



- 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 status of the device, some controls may not work.
- Maximum number of displayable characters:
CD, **USB**: Approx. 32
Bluetooth: Approx. 16
- This unit supports ver. 1.0, 1.1 and 2.3 ID3 tags. Text data that is not supported will not be displayed or will be shown differently.
- **Bluetooth**: When enjoying video contents with this function, the video and audio output may not be synchronised. In this case, select "MODE 1" in "LINK MODE" setting (→ 8, "Bluetooth® transmission mode").
- 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.

Playback modes (**CD**, **USB**)


Select the playback mode.

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

PLAYMODE

OFF PLAYMODE	Cancels the play mode setting.
1-TRACK	Only plays the selected track. <ul style="list-style-type: none">• "1", " " is displayed. (Skip to the desired track.)
1-ALBUM	Only plays the selected MP3 album. <ul style="list-style-type: none">• "1", " " is displayed.
RANDOM	Plays the contents randomly. <ul style="list-style-type: none">• "RND" is displayed.
1-ALBUM RANDOM	Plays the tracks in the selected MP3 album randomly. <ul style="list-style-type: none">• Press [▲] or [▼] to select the MP3 album.• "1", " ", "RND" is displayed.

REPEAT

ON REPEAT	Turns on repeat mode. <ul style="list-style-type: none">• " " is displayed.
OFF REPEAT	Turns off repeat mode.



- During random play, you cannot skip to the previous track.
- The mode is cancelled when you open the sliding door or remove the USB device.

Listening to DAB/DAB+

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/AUX] repeatedly to select "DAB+".



- "SCAN FAILED" is displayed when the auto scan is unsuccessful. Locate the position with the best reception (→ 11, "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 (→ right).

Listening to the memorised stations

Preparation*

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

- 1 Press [RADIO/AUX] repeatedly to select "DAB+".
- 2 Press [◀◀/▶▶] or [▶▶/▶▶] to select the station.

Presetting DAB/DAB+ stations

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

Preparation

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

- 1 While listening to a DAB/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/DAB+ stations

Preparation*

- ① Press [RADIO/AUX] repeatedly to select "DAB+".
- ② Press [PLAY MENU] repeatedly to select "TUNEMODE".
- ③ Press [▲, ▼] to select "PRESET" and then press [OK].

- 1 Press [RADIO/AUX] repeatedly 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/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".
- 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).

* 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/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+" 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" (→ 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., 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].



- If broadcasting stations are memorised, proceed to "To re-scan DAB/DAB+ stations" to memorise stations on other frequency blocks. (→ 10)
- 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/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. (→ 10)

Listening to FM radio

You can preset up to 30 channels.

Preparation

- Make sure that the antenna is connected. (→ 5)
- Turn the unit on.
- Press [RADIO/AUX] repeatedly to select “FM”.



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

Presetting stations automatically

- 1 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.*
↳ The tuner starts to preset all the stations it can receive into the channels in ascending order.

* To change the frequency, refer to “Manual tuning and presetting”.

Listening to a preset channel

- 1 Press [PLAY MENU] repeatedly to select “TUNEMODE”.
- 2 Press [▲, ▼] to select “PRESET” and then press [OK].
- 3 Press [◀◀/▶▶] 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 [◀◀/▶▶] or [▶▶/▶▶] to tune to the required station.
 - To start automatic tuning, press and hold [◀◀/▶▶] or [▶▶/▶▶] 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 [▲, ▼] 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 [▲, ▼] 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”.



- Select “STEREO” in step 2 to return to stereo broadcasts.
- “MONO” is cancelled if the frequency is changed.

To display the current FM signal status

While receiving FM signal, press [DISPLAY].

- For Continental Europe:
While receiving FM signal, press [PLAY MENU] repeatedly to display “FM STATUS” and then press [OK].

- “FM ST”: The FM signal is tuned and in stereo.
“FM”: There is no tuned signal or the FM signal is in monaural.
“FM MONO”: “MONO” is selected in step 2 of “To improve FM sound quality” (→ above).

To display RDS text data

(For Continental Europe only)

Press [DISPLAY] to display the text data.

- Each time you press the button:

- “PS”: Programme service
“PTY”: Programme type
“FREQ”: Frequency display



- “STEREO” is displayed when this unit tunes to a stereo broadcast.
- The unit can display the text data transmitted by the radio data system (RDS) available in some areas. (RDS displays may not be available if reception is poor.)

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].

"MY SOUND" (My sound)	"SOUND 1", "SOUND 2" or "SOUND 3". (→ below, "Saving the sound settings")
"PRESET EQ" (Preset Equalizer)	"HEAVY" (heavy), "SOFT" (soft), "CLEAR" (clear), "VOCAL" (vocal) or "FLAT" (flat/off). <ul style="list-style-type: none">• The factory default is "HEAVY".
"BASS" (Bass) or "TREBLE" (Treble)	Adjust the level (−4 to +4).
"D.BASS" (Dynamic Bass)	"ON D.BASS" or "OFF D.BASS". <ul style="list-style-type: none">• The factory default is "ON D.BASS".
"SURROUND" (Surround)	"ON SURROUND" or "OFF SURROUND". <ul style="list-style-type: none">• The factory default is "OFF SURROUND".

- You may experience a reduction in sound quality when these effects are used with some sources. If this occurs, turn the sound effects off.
- When "AUX" is selected as the source, you can select "INPUT LEVEL" to adjust the sound input level of the external device. (→ 5)

Saving the sound settings

You can save your desired sound settings to "SOUND 1", "SOUND 2" or "SOUND 3" as "MY SOUND".

- 1 Adjust your desired sound effects. (→ above)
- 2 Press [SETUP] to select "SAVE MY SOUND".
- 3 Press [▲, ▼] to select a setting number and then press [OK].
 - "SAVED" is displayed.
 - The sound settings previously saved will be replaced when you save new settings to the same setting number.

Recalling the sound settings you have saved

- 1 Press [SOUND] to select "MY SOUND".
- 2 Press [▲, ▼] to select the desired sound setting number and then press [OK].

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].



- 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 [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.

- 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].
- 4 Press [▲, ▼] to select the music source* and then press [OK].

Turning the timer on

- 1 Prepare the selected music source and set the desired volume.
- 2 Press [SETUP] repeatedly to select "TIMER SET".
- 3 Press [▲, ▼] to select "SET" and then press [OK].
 - "⊙" is displayed.
 - To turn the timer off, select "OFF".
- 4 Press [⏻] to turn the unit to standby mode.



- 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.

* "CD", "USB", "DAB+" (SC-HC397), "FM" and "AUX" can be set as the music source.

Sleep timer

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

- 1 Press [SETUP] repeatedly to select "SLEEP".
- 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 is always the main timer on the unit.

Others

Auto off function

As a factory default, this unit will turn to standby mode automatically if there is no sound and it is not being used for approximately 20 minutes.

To cancel this function

- 1** Press [SETUP] repeatedly to select "AUTO OFF".
- 2** Press [\blacktriangle , \blacktriangledown] to select "OFF" and then press [OK].



- To turn the function on, select "ON" in step 2.
- This setting cannot be selected when "DAB+" (**SC-HC397**) or "FM" is the source.
- When connected to a Bluetooth® device, the function does not work.

Bluetooth® standby

When “SC-HC397” or “SC-HC395” is selected from a paired Bluetooth® device’s Bluetooth® menu, this unit will turn on automatically from standby mode and establish a Bluetooth® connection.

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



- To turn the function off, 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 [USB/CD] to select "CD".
- 2 While pressing and holding [SELECTOR] on the unit, press and hold [USB/CD] on the remote control until the unit's display shows "REMOTE 2".
- 3 Press and hold [OK] and [USB/CD] on the remote control for at least 4 seconds.



- To change the mode back to "REMOTE 1", press [USB/CD] to select "CD" and then repeat the step 2 and 3 but replace [USB/CD] with [8].

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.

For more details, refer to the following website.

<http://panasonic.jp/support/global/cs/>

(This site is in English only.)

Checking the software version

The version of the installed software is displayed.

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

- Press [OK] to exit.

Troubleshooting

Before requesting service, make the following checks. If you are uncertain about some of the check points, or if the solutions indicated in the following guide does not resolve the issue, then consult your dealer for instructions.

To return all settings to the factory defaults

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 [⏻/⏮] on the unit, reconnect the AC mains lead.
 - Keep holding down [⏻/⏮] until "-----" appears on the display.
 - ③ Release [⏻/⏮].



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

General

Cannot turn on the unit.

- After connecting the AC mains lead, wait about 10 seconds before turning on the unit.

Humming heard during playback.

- If an AC mains lead or fluorescent lights are near the cords, then keep other appliances and cords away from the cables.

The unit does not work.

- One of the unit's safety devices may have been activated. Reset the unit as follows:
 - ① Press [⏻/⏮] on the unit to switch the unit to standby.
 - If the unit does not switch to standby, press [⏻/⏮] on the unit for approximately 10 seconds. The unit is forcibly switched to standby. Alternatively, disconnect the AC mains lead, wait for at least 3 minutes, then reconnect it.
 - ② Press [⏻/⏮] on the unit to switch it on. If the unit still cannot be operated, consult the dealer.

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.

Charging does not start during standby mode.

- Turn the unit on. Check the charging has started, and then turn the unit to standby mode. (→ 6)

Noise is heard.

- When a device is connected to both the AUX IN jack and the DC OUT terminal, noise may be generated depending on the device. In this case, remove the USB cable from the DC OUT terminal.

Remote control

The remote control does not work properly.

- The battery is depleted or inserted incorrectly. (→ 4)

Disc

Incorrect display or play does not start.

- Make sure that the disc is compatible with this unit. (→ 18)
- There is moisture on the lens. Wait for about an hour and then try again.

USB

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 (→ 18).
- 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-HC397

DAB/DAB+ reception is poor.

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

Static or noisy reception is heard while listening to a 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. (→ 5)
- Turn the TV or other audio players off or separate it from this unit.
- Keep this unit away from mobile phones if there is interference.

Bluetooth®

Pairing cannot be completed.

- Check the Bluetooth® device condition.

The device cannot be connected.

- The pairing of the device was unsuccessful or the registration has been replaced. Try re-pairing the device. (→ 7)
- This unit might be connected to a different device. Disconnect the other device and try re-pairing the device. (→ 7)
- If the problem persists, turn the unit off and on, then try again.

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-HC397" or "SC-HC395" manually. Read the operating instructions for the device for details.

The sound is interrupted.

- The device is out of the 10 m communication range. Place the Bluetooth® device closer to this unit.
- Remove any interference between this unit and the device.
- Other devices that use the 2.4 GHz frequency band, such as wireless routers, microwaves, cordless phones, etc. are interfering. Place the Bluetooth® device closer to this unit and distance it from the other devices.
- Select "MODE 1" for stable communication. (→ 8)

The One-Touch Connection (NFC feature) is not working.

- Make sure the unit and the NFC feature of the device are turned on. (→ 7)

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 (→ 13).

"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 20 minutes and will shut down within a minute. Press any button to cancel it.

"ERROR"

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

"F□□" / "F□□□" ("□" stands for a number.)

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

"ILLEGAL OPEN"

- Sliding door is in the wrong position. Turn the unit off and on again. If this display appears again, consult the dealer.

"NODEVICE"

- The USB device is not inserted correctly. Read the instructions and try again (→ 6).

“NO DISC”

- Insert the disc to be played (→ 6).

SC-HC397**“NO MEMORY”**

- There are no preset DAB/DAB+ stations to select. Preset some channels. (→ 10)

“NO PLAY”

- A CD that is not in CD-DA or MP3 format is inserted. It cannot be played.
- Examine the content. You can only play supported format. (→ 18)
- The files in the USB device can be corrupted. Format the USB device and try again.
- The unit may have a problem. Turn the unit off and then on again.

SC-HC397**“NO SIGNAL”**

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

“PLAYERERROR”

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

“READING”

- The unit is checking the CD/USB 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 [8] for at least 4 seconds.
 - When “REMOTE 2” is displayed, press and hold [OK] and [USB/CD] for at least 4 seconds.

SC-HC397**“SCAN FAILED”**

- Stations are not receivable. Check your antenna and try Auto scanning (→ 10).
If “SCAN FAILED” is still displayed find the best signal reception with the “MANUAL SCAN” tuning function. (→ 11)

“SOUND □ NOT SET” (“□” stands for a number.)

- There is no saved setting under the selected sound setting number. Save the sound settings. (→ 13)

“USB OVER CURRENT ERROR”

- The USB device is drawing too much power. Select a source other than “USB”, remove the USB and turn the unit off.

“VBR”

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

Unit and media care

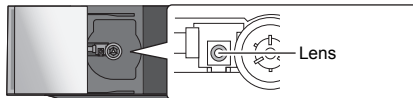
Pull out the AC mains lead from the outlet before maintenance.

■ Clean this unit with a soft, dry cloth

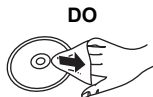
- When dirt is heavy, wring a wet cloth tightly to wipe the dirt, and then wipe it with a dry cloth.
- When cleaning the speaker covers, use a fine cloth. Do not use tissues or other materials that can fall apart. Small pieces may get stuck inside the speaker cover.
- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using chemically treated cloth, carefully read the cloth's instructions.

■ Maintenance of the lens

- Clean the lens regularly to prevent malfunctions. Use a dust 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, benzene, 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 defaults to delete the user settings.

(→ 15, “To return all settings to the factory defaults”)

- The operation history may be recorded in the memory of this unit.

About Bluetooth®

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

■ Frequency band used

- This system uses the 2.4 GHz frequency band.

■ Certification of this device

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

■ Restrictions of use

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

■ Range of use

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

■ Interference from other devices

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

■ Intended usage

- This system is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc).

Playable media

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.
- Before playback, finalise the disc on the device it was recorded on.
- This system can access up to: 99 tracks

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.
- USB devices with storage capacity of more than 32 GB cannot work in some conditions.

Compatible MP3 files

- Supported format: Files with the extension ".mp3" or ".MP3".
- Depending on how you create the MP3 files, they may not play in the order you numbered them or may not play at all.

CD-R/RW

- This system can access up to: 999 tracks and 255 albums (including 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.

USB device

- This system can access up to: 8000 tracks, 800 albums (including root folder) and 999 tracks in one album

Licenses

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Google Play and Android are trademarks of Google Inc.

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

Attaching the unit to a wall (optional)

This unit can be wall mounted using the supplied wall mount brackets, etc. Make sure that the wall and the screws used for securing to the wall are capable of supporting 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 5 of "Wall mount instructions" for details about the required screws.
- As an additional protective measure, attach the unit to the wall with the fall prevention cord.

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 Screw eye

* 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.

WARNING:

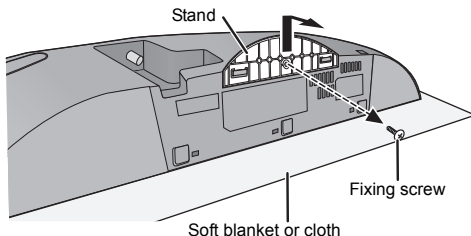
To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.

Wall mount instructions

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

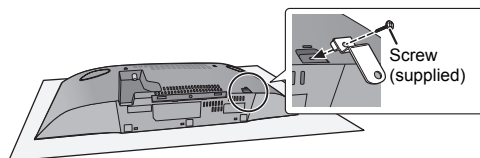
1 Detach the stand from the unit.

- Unscrew the fixing screw at the bottom of the unit.
- Gently pull the stand off the unit as illustrated.
- Keep the removed screw and the stand in a safe place.

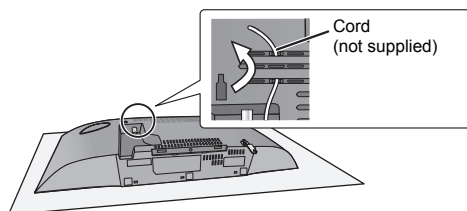


2 Fix the safety holder onto the unit with the screw (supplied).

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



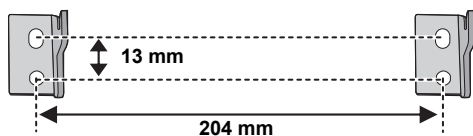
3 Attach the fall prevention cord (not supplied) to this unit.



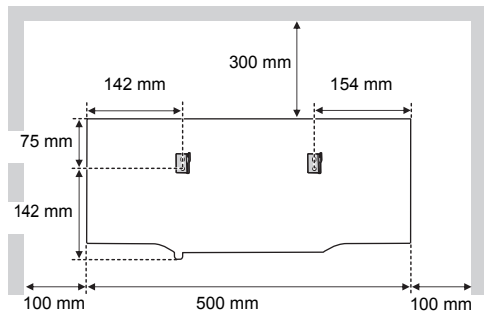
4 Measure and mark the position of both sides of the wall mount brackets.

- Use figures below to identify the screwing positions.

The position to attach the wall mount brackets

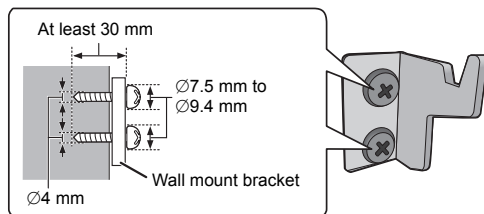


Space required



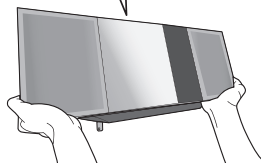
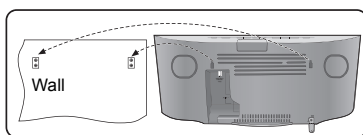
5 Attach the wall mount bracket to both sides of the wall with two screws (not supplied).

- Use a level to ensure both wall mount brackets are level.



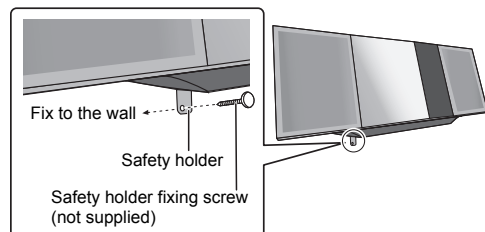
6 Hook the unit securely onto the wall mount brackets with both hands.

- 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 mount brackets.



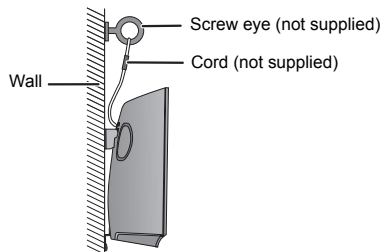
7 Drive the safety holder fixing screw (not supplied) to secure the safety holder onto the wall.

- Refer to step 5 for requirements before screwing.



8 Attach the fall prevention cord (not supplied) to the wall.

- Make sure that the slack of the cord is minimal.



Specifications

■ GENERAL

Power consumption	26 W
Power consumption in standby mode*1,2	
	Approx. 0.2 W
(When "BLUETOOTH STANDBY" is "ON")*2	
	Approx. 0.3 W
Power supply	
	AC 220 V to 240 V, 50 Hz

Dimensions (W×H×D)	
	500 mm×205 mm×92 mm
Mass	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 (8 Ω), 1 kHz, 10 % THD
Total RMS Stereo mode power	
	40 W

■ TUNER SECTION

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

■ SC-HC397 DAB SECTION

DAB memories	20 channels
Frequency Band (Wavelength)	
Band III	5A to 13F
	(174.928 MHz to 239.200 MHz)
Sensitivity *BER 4x10 ⁻⁴	
Min Requirement	-98 dBm
DAB External Antenna	
Terminal	F - Connector (75 Ω)

■ DISC SECTION

Disc played (8 cm or 12 cm)	
	CD, CD-R/RW (CD-DA, MP3*3)
Pick up	
Wavelength	790 nm (CD)
NORSK (NORWAY)	
Bølgelengde	790 nm (CD)
Laserstyrke	Ingen farlig stråling sendes ut (med sikkerhets-beskyttelse)

■ SPEAKER SYSTEM SECTION

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

■ TERMINAL SECTION

USB Port	DC OUT 5 V 1.5 A
USB Standard	
	USB 2.0 full speed
Media file format support	
	MP3 (*.mp3)
USB device file system	
	FAT12, FAT16, FAT32
AUX IN	
	Stereo, 3.5 mm jack

■ Bluetooth® SECTION

Version	Bluetooth® Ver.2.1+EDR
Class	Class 2
Supported Profiles	
	A2DP, AVRCP
Operating Frequency	
	2.4 GHz band FH-SS
Operation Distance	
	10 m Line of sight



- Specifications are subject to change without notice.
- Mass and dimensions are approximate.
- Total harmonic distortion is measured by a digital spectrum analyser.

*1: "BLUETOOTH STANDBY" is "OFF".

*2: No device is connected to the USB port before turning to standby mode.

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

Disposal of Old Equipment and Batteries

Only for European Union and countries with recycling systems



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must 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.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Note for the battery symbol (bottom symbol):

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.



Safety information for customers in the EU

CE1177

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 11, 22525 Hamburg, Germany

Safety information for customers in Norway

NORSK

ADVARSEL

Produkt

- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
 - Utsett ikke produktet for regn, fukt, drypping eller sprut.
 - Ikke plasser objekter som er fylt med væske, som vaser, på apparatet.
 - Bruk kun anbefalt tilbehør.
 - Fjern ikke deksler.
 - Reparer ikke denne enheten selv, overlatt service til kvalifisert servicepersonell.

Vekselstrømnett

- Nettstøpset er trukket ut fra denne enheten. Installer denne enheten slik at nettstøpset umiddelbart kan trekkes fra stikkontakten.

FORSIKTIG

Produkt

- Dette produktet anvender en laser. Betjening av kontroller eller justering eller andre inngrep enn de beskrevet i denne bruksanvisning kan føre til farlig bestråling.
- Plasser ikke åpen ild, slik som levende lys, oppå apparatet.
- Dette apparatet er beregnet for bruk under moderate klimaforhold.

Plassering

- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
 - Ikke plasser apparatet i en bokhylle, et innebygget kabinett eller et annet lukket sted. Pass på at produktet er godt ventilert.
 - Apparatets ventilasjonsåpninger må ikke dekkes til med aviser, duker, gardiner eller lignende.

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 its 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.
4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
 - (a) Cabinet Part(s)
 - (b) Video or Audio Tapes
 - (c) SD cards or USB devices
 - (d) User replaceable Batteries
 - (e) DVD, Blu-ray or Recordable Discs
 - (f) Video / Audio Heads from wear and tear in normal use
 - (g) Information stored on Hard Disk Drive, USB stick or SD card
 - (h) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s)etc
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 major failure.

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

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

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

Panasonic Australia Pty. Limited

ACN 001 592 187 ABN 83 001 592 187

1 Innovation Road, Macquarie Park NSW 2113

PRO-031-F11 Issue: 4.0

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For the United Kingdom and Ireland customers

Sales and Support Information

Customer Communications Centre

- For customers within the UK: 0344 844 3899
- For customers within Ireland: 01 289 8333
- Monday–Friday 9:00 am - 5:00 pm
(Excluding public holidays).
- For further support on your product, please visit our website: www.panasonic.co.uk

Direct Sales at Panasonic UK

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



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Manufactured by: Panasonic Corporation
Kadoma, Osaka, Japan

Importer for Europe: Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 11, 22525 Hamburg, Germany



Panasonic Corporation
Web Site: <http://www.panasonic.com>

