

# Panasonic®

## Operating Instructions Home Theater Audio System

Model No. SC-HTB550



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

Model number suffix "EB" denotes UK models.

EG EB GN

RQT9666-1B

# 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.

### AC mains lead

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

### Button-type battery (Lithium battery)

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

- Do not place sources of naked flames, such as lighted candles, on this unit.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
- This unit is intended for use in moderate climates.

### Placement

- Place this unit on an even surface.
- To reduce the risk of fire, electric shock or product damage,
  - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
  - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
  - Do not expose this unit to direct sunlight, high temperatures, high humidity, and excessive vibration.

### Button-type battery (Lithium battery)

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Insert with poles aligned.
- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
  - Remove the battery if you do not intend to use the remote control for a long period of time. Store in a cool, dark place.
- Do not heat or expose to flame.
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.

# Caution for AC Mains Lead

## (For the United Kingdom and Ireland)

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.

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

**WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL  OR COLOURED GREEN OR GREEN/YELLOW.**

**THIS PLUG IS NOT WATERPROOF—KEEP DRY.**

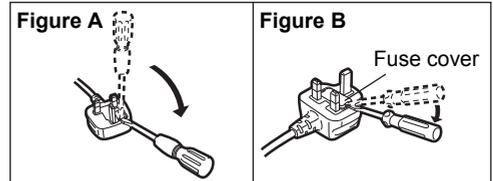
### Before use

Remove the connector cover.

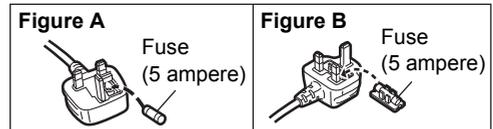
### How to replace the fuse

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.



**CAUTION!**  
 IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.  
 THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted please observe the wiring code as stated below.  
 If in any doubt please consult a qualified electrician.

### IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:  
 Blue: Neutral, Brown: Live.

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## Before use

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## Operations

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## Reference

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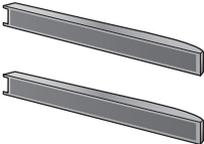
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- The illustrations shown may differ from your unit.
- These operation instructions are applicable to model SC-HTB550 for variety of regions. Unless otherwise indicated, illustrations in these Operating Instructions are of the model for the United Kingdom and Ireland.
- Operations in this Operating Instructions are described mainly with the remote control, but you can perform the operations on the main unit if the controls are the same.

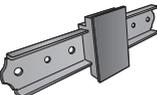
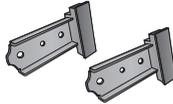
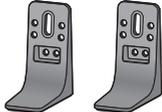
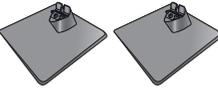
## Supplied items

### System (SC-HTB550)

<input type="checkbox"/> <b>1 Main unit</b> (SU-HTB550) 	<input type="checkbox"/> <b>1 Active subwoofer</b> (SB-HWA550) 	<input type="checkbox"/> <b>2 Front speakers</b> (SB-HTB550) 
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### Accessories

Check the supplied accessories before using the system.

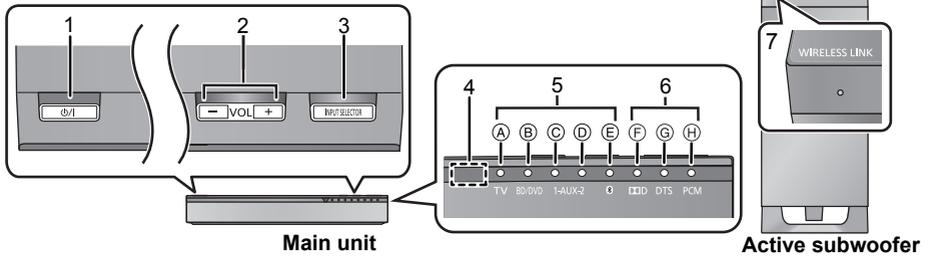
<input type="checkbox"/> <b>1 Remote control</b> (with a battery) (N2QAYC000063) 	<input type="checkbox"/> <b>AC mains lead</b> 2 For the United Kingdom and Ireland (K2CZ3YY00024) 	<input type="checkbox"/> <b>2 For Continental Europe</b> (K2CQ2CA00007) 	<input type="checkbox"/> <b>2 For Australia and New Zealand</b> (K2CJ2DA00008) 
<input type="checkbox"/> <b>2 Speaker cables</b> (REEX1266A: RED) (REEX1267A: WHITE) Length: 3 m 	<input type="checkbox"/> <b>1 Speaker joint</b> (RAQ0085) 	<input type="checkbox"/> <b>6 Screws</b> (XYN5+J14FJK) 	<input type="checkbox"/> <b>2 Speaker feet</b> (RKAX0028-K) 
<input type="checkbox"/> <b>2 Front ornaments</b> (RAQ0089) 	<input type="checkbox"/> <b>2 Support legs</b> (RYQ0970-K) 	<input type="checkbox"/> <b>2 Stands</b> (RYQ0853-KJ) 	<input type="checkbox"/> <b>2 Speaker bases</b> (RAQ0086) 



- Product numbers are correct as of January 2012. These may be subject to change.
- The supplied AC mains lead is for use with this unit and the active subwoofer only. Do not use it with other equipment. Also, do not use cords from other equipment with this unit or active subwoofer.

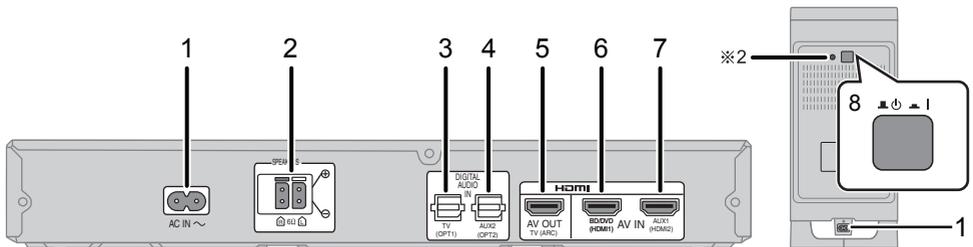
# Control reference guide

## Main unit and active subwoofer (Front)



- 1 **Standby/on switch (ϕ/I)**  
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- 2 Adjust the volume of the speakers
- 3 Select the input source  
“TV”→“BD/DVD”→“AUX1”  
↑ “⊕” ← “AUX2” ← ↓
- 4 Remote control signal sensor (⇒ 7)
- 5 Input selector indicators\*1
  - (A) TV indicator  
Lights green when the TV is the audio source
  - (B) BD/DVD indicator  
Lights amber when the device connected to the BD/DVD terminal is the audio source
  - (C) AUX1 indicator  
Lights amber when the device connected to the AUX1 terminal is the audio source
  - (D) AUX2 indicator  
Lights amber when the device connected to the AUX2 terminal is the audio source
  - (E) Bluetooth® indicator  
Lights blue when the Bluetooth® device is the audio source
- 6 Audio format indicators\*1
  - (F) Dolby Digital indicator  
Lights when Dolby Digital is the current audio format
  - (G) DTS indicator  
Lights when DTS is the current audio format
  - (H) PCM indicator  
Lights when PCM (2ch, Multi-channel) is the current audio format
- 7 WIRELESS LINK indicator (⇒ 22)

## Main unit and active subwoofer (Rear)

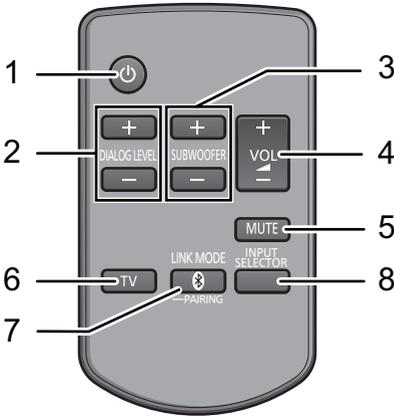


- 1 AC IN terminal (⇒ 21)
- 2 Speaker terminals (⇒ 21)
- 3 TV terminal (⇒ 19)
- 4 AUX2 terminal (⇒ 20)
- 5 HDMI OUT terminal (ARC compatible) (⇒ 19)
- 6 BD/DVD terminal (⇒ 20)
- 7 AUX1 terminal (⇒ 20)
- 8 Active subwoofer on/off button

\*1 The indicators will also blink in various conditions (⇒ 30)

\*2 The I/D SET button is only used when the main unit is not paired with the active subwoofer (⇒ 29)

## Remote control

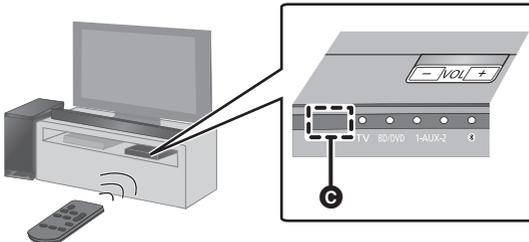


- 1 Turn the main unit on or off (⇒ 23)
- 2 Adjust the dialog effect level (⇒ 23)
- 3 Adjust the output level of the active subwoofer (bass sound) (⇒ 23)
- 4 Adjust the volume of this system (⇒ 23)
- 5 Mute the sound (⇒ 23)
- 6 Select the TV as the source (⇒ 23)
- 7 Select the Bluetooth® device as the source (⇒ 23)
- 8 Select the input source (⇒ 23)  
 “TV” → “BD/DVD” → “AUX1”  
 ↑ “” ← “AUX2” ← ↓

### ■ Remote control operation range

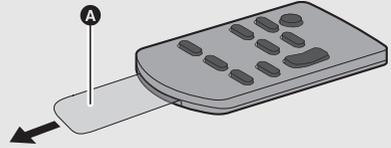
The remote control signal sensor is located on the main unit.

- Use the remote control within the correct operation range.



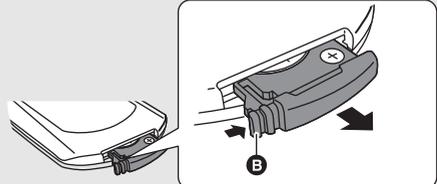
- **C** Remote control signal sensor
  - **Operation range**  
 Distance: Within approx. 7 m directly in front  
 Angle: Approx. 30° left and right

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

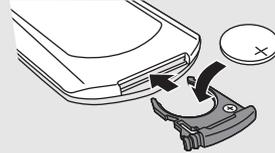


### ■ To replace a button-type battery

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



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



- When replacing the battery, use: CR2025 (Lithium battery)
- Keep the button-type battery out of reach of children to prevent swallowing.

# Step 1 Selecting the placement method

- Choose a placement method that suits you best.

## When attaching the speakers to a wall

Place the speakers horizontally



Page 10

Place the speakers vertically



Page 12

## When placing the speakers on a table

Place the speakers using the stands



Page 14

Place the speakers using the support legs and speaker feet



Page 15

Place the speakers using the speaker bases



Page 16

## Caution

- This system is to be used only as indicated in these instructions. Failure to do so may lead to damage to the amplifier and/or the speakers, and may result in the risk of fire. Consult a qualified service person if damage has occurred or if you experience a sudden change in performance.
- Do not attempt to attach these speakers to a wall using methods other than those described in this manual.

## Speaker system

- Use a screwdriver (+) for assembling the speakers.
- Do not hold the speakers in one hand to avoid injury, you may drop the speakers when carrying them.

### ■ When attaching the speakers to a wall

The wall or pillar on which the speakers are to be attached should be capable of supporting 33 kg per screw. Consultation with a qualified installation specialist is recommended when attaching the speakers to a wall. Improper attachment may result in damage to the wall and speakers, and personal injury.

### ■ When placing the speakers in front of the TV

The speakers may block or interfere with the TV's various sensors (C.A.T.S. (Contrast Automatic Tracking System) sensor, remote control sensor, etc.) and the 3D Eyewear transmitters on a 3D compatible TV.

#### • If the stands are being used

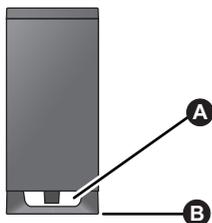
Move the speakers further away from the TV. If the TV still does not function properly, try removing the stands.

#### • If the stands are not used

Move the speakers further away from the TV. If the TV still does not function properly, try placing them beside the TV (⇒ 8).

## Active subwoofer

### When carrying the active subwoofer



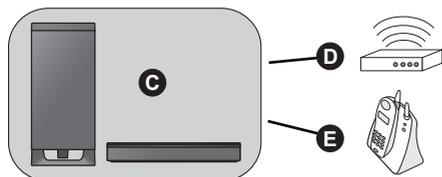
#### A Do not hold the active subwoofer from this opening.

The parts inside (speaker unit) may be damaged.

#### B Always hold the bottom of the active subwoofer when moving it.

## Wireless interference

To avoid interference, maintain the following distances between the main unit/active subwoofer and other electronic devices that use the same radio frequency (2.4 GHz and 5 GHz band).



#### C Main unit/active subwoofer

#### D Wireless LAN: approx. 2 m

#### E Cordless phone and other electronic devices: approx. 2 m



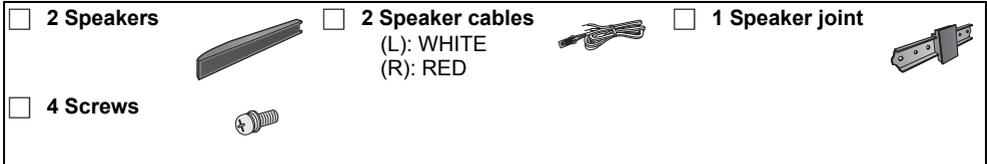
- Place the active subwoofer within a few meters of the main unit and in a horizontal position with the top panel faced upward.
- Do not use the main unit or active subwoofer in a metal cabinet.
- Placing the active subwoofer and the speakers too close to the walls and corners can result in excessive bass. Cover walls and windows with thick curtains.
- If irregular colouring occurs on your TV, turn the TV off for about 30 minutes. If it persists, move the speakers further away from the TV.
- Keep magnetised items away. Magnetised cards, watches, etc., can be damaged if placed too close to the active subwoofer and the speakers.

## Step 2 Assembling the speakers

### When attaching the speakers to a wall



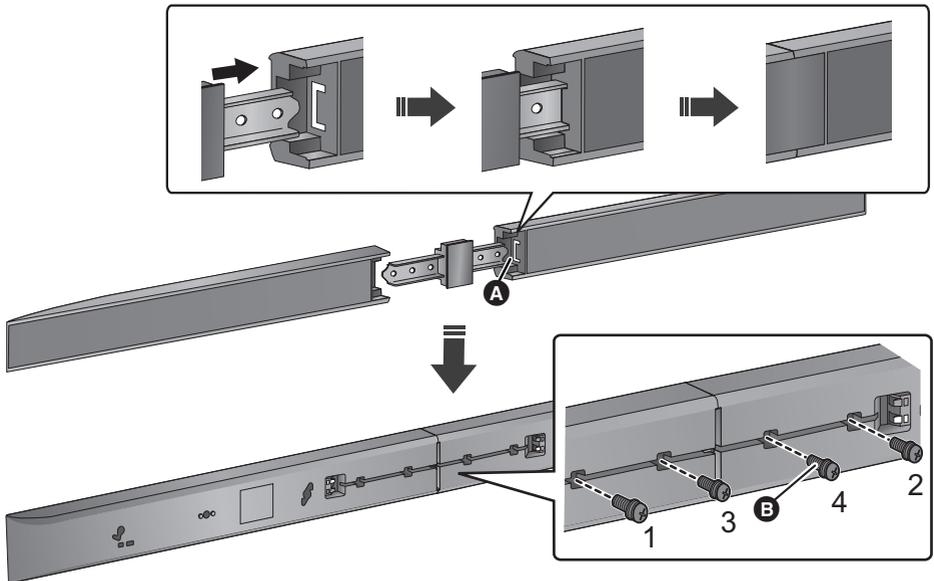
Place the speakers horizontally



- For a safety measure to prevent the speakers from falling, refer to page 17.
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.

### 1 Assemble the speakers.

- The two speakers are interchangeable.



#### A "C" shaped slit

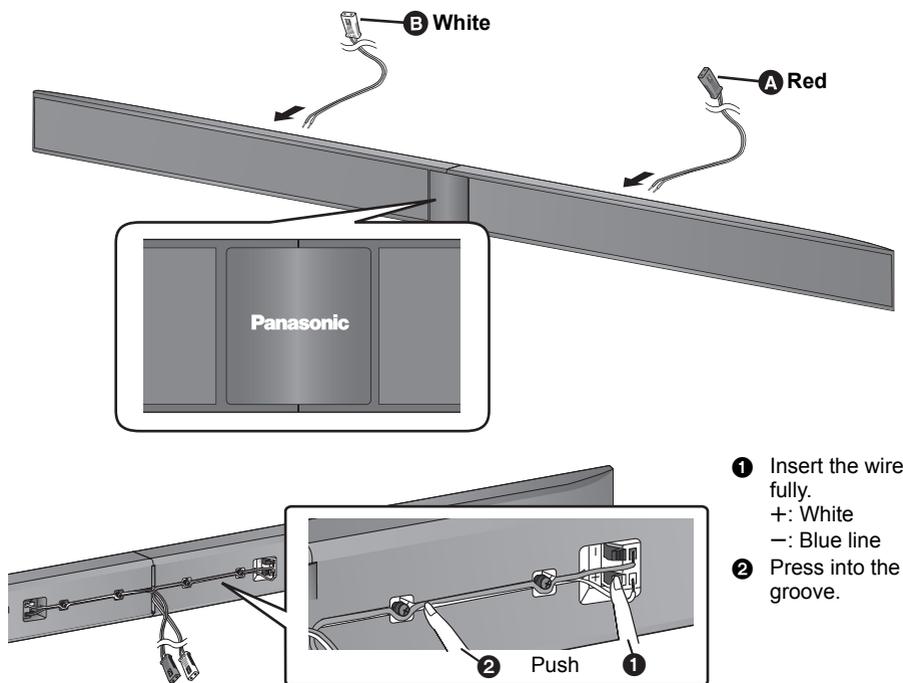
- Insert the speaker joint fully into the slit.

#### B Screw (supplied)

- Be sure to insert the screws following the order as indicated in the illustration.
- Keep the screws out of reach of children to prevent swallowing.

## 2 Connect the speaker cables.

- Use the "Panasonic" logo to identify the left and right speakers, then connect the cables (as illustrated).



- Insert the wire fully.  
+: White  
-: Blue line
- Press into the groove.

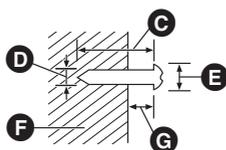
**A RED:** Right speaker channel (R)

**B WHITE:** Left speaker channel (L)

- Insert the wire fully, taking care not to insert beyond the wire insulation.

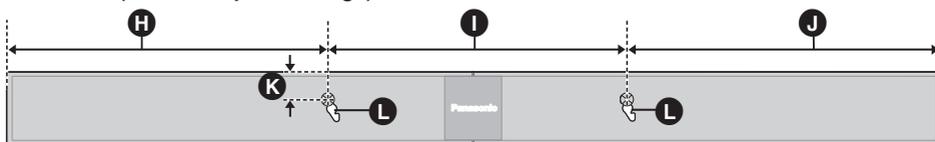
## 3 Drive a screw into the wall.

- Use the measurements indicated below to identify the screwing positions on the wall.
- Leave at least 20 mm of space above and on each side of the speaker to allow enough space for fitting the speaker.
- The position on the wall where the screw is to be attached, as well as the screw, should be capable of supporting over 33 kg.
- Keep the screws out of reach of children to prevent swallowing.



- C** At least 30 mm
- D**  $\varnothing 4.0$  mm
- E**  $\varnothing 7.0$  mm to  $\varnothing 9.4$  mm
- F** Wall or pillar
- G** 5.5 mm to 6.5 mm

Front view (semi-transparent image)



**H** 326 mm

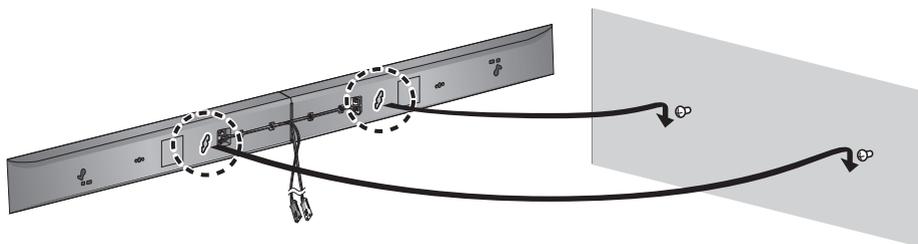
**I** 316 mm

**J** 316 mm

**K** 26 mm

**L** Wall mounting hole

#### 4 Fit the speaker securely onto the screw(s).



DO	DO NOT
 <ul style="list-style-type: none"> <li>Move the speaker so that the screw is in this position.</li> </ul>	 <ul style="list-style-type: none"> <li>In this position, the speaker will likely fall if moved to the left or right.</li> </ul>



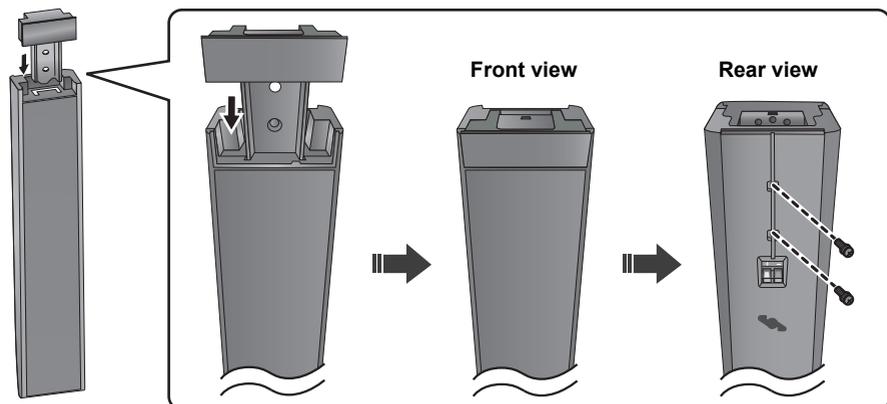
Place the speakers vertically

<input type="checkbox"/> 2 Speakers		<input type="checkbox"/> 2 Speaker cables (L): WHITE (R): RED		<input type="checkbox"/> 2 Front ornaments	
<input type="checkbox"/> 4 Screws					

- For a safety measure to prevent the speakers from falling, refer to page 17.
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.

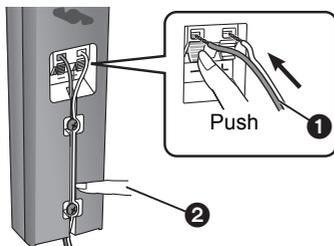
#### 1 Attach the front ornaments.

- The two speakers are interchangeable.
- Keep the screws out of reach of children to prevent swallowing.



## 2 Connect the speaker cables.

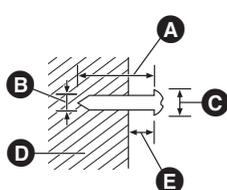
- Insert the wire fully, taking care not to insert beyond the wire insulation.



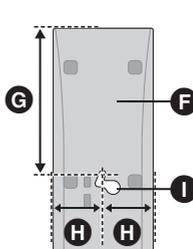
- 1 Insert the wire fully.  
+ : White  
- : Blue line
- 2 Press into the groove.

## 3 Drive a screw into the wall.

- Use the measurements indicated below to identify the screwing positions on the wall.
- Leave at least 20 mm of space above and on each side of the speaker to allow enough space for fitting the speaker.
- The position in the wall where the screw is to be attached as well as the screw should be capable of supporting over 33 kg.
- Keep the screws out of reach of children to prevent swallowing.



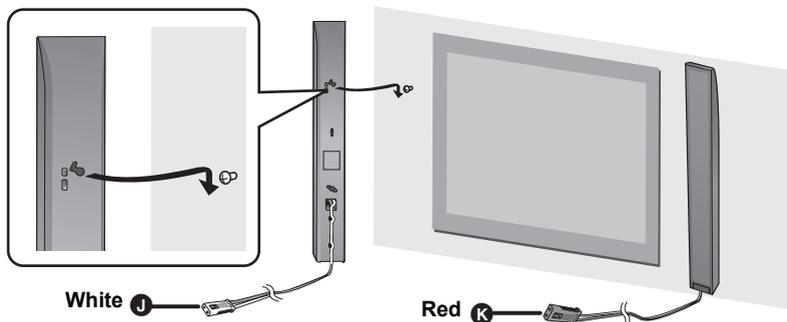
- A** At least 30 mm
- B**  $\varnothing$ 4.0 mm
- C**  $\varnothing$ 7.0 mm to  $\varnothing$ 9.4 mm
- D** Wall or pillar
- E** 5.5 mm to 6.5 mm



- F** Front speaker (Rear view)
- G** 102 mm
- H** 37 mm
- I** Wall mounting hole

## 4 Fit the speaker(s) securely onto the screw(s).

- Place the speaker that is connected with the speaker cable with a red connector on the observers' right, and connect with the speaker cable with a white connector on the observers' left.



**J** WHITE: Left speaker channel (L)

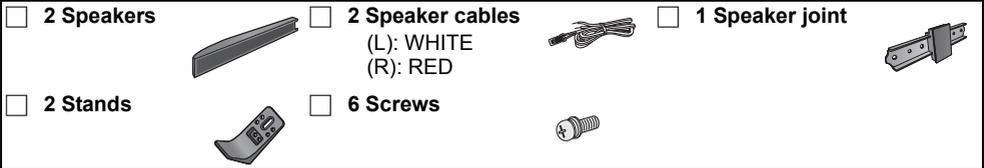
**K** RED: Right speaker channel (R)

DO	DO NOT
<ul style="list-style-type: none"> <li>• Move the speaker so that the screw is in this position.</li> </ul>	<ul style="list-style-type: none"> <li>• In this position, the speaker will likely fall if moved to the left or right.</li> </ul>

## When placing the speakers on a table



Place the speakers using the stands

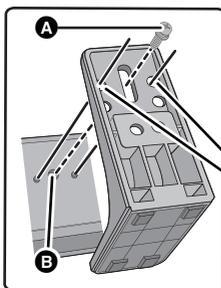
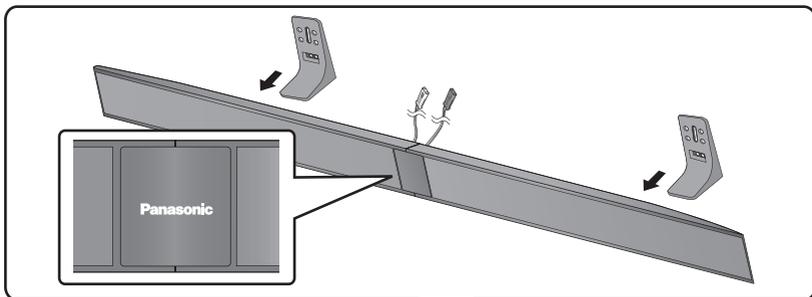


- For a safety measure to prevent the speakers from falling, refer to page 17.
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.

**1** Assemble the speakers following steps 1 and 2 of “Place the speakers horizontally” (⇒ 10).

**2** Attach the stands.

- Use the “Panasonic” logo to identify the top and bottom of the speaker.
- Keep the screws out of reach of children to prevent swallowing.



Align the holes with the projecting parts on the speaker.

- Do not use the lower holes for the alignment. If these holes are used, the screw does not fit.

- A** Screw (supplied)
- B** Screw hole



## Place the speakers using the support legs and speaker feet

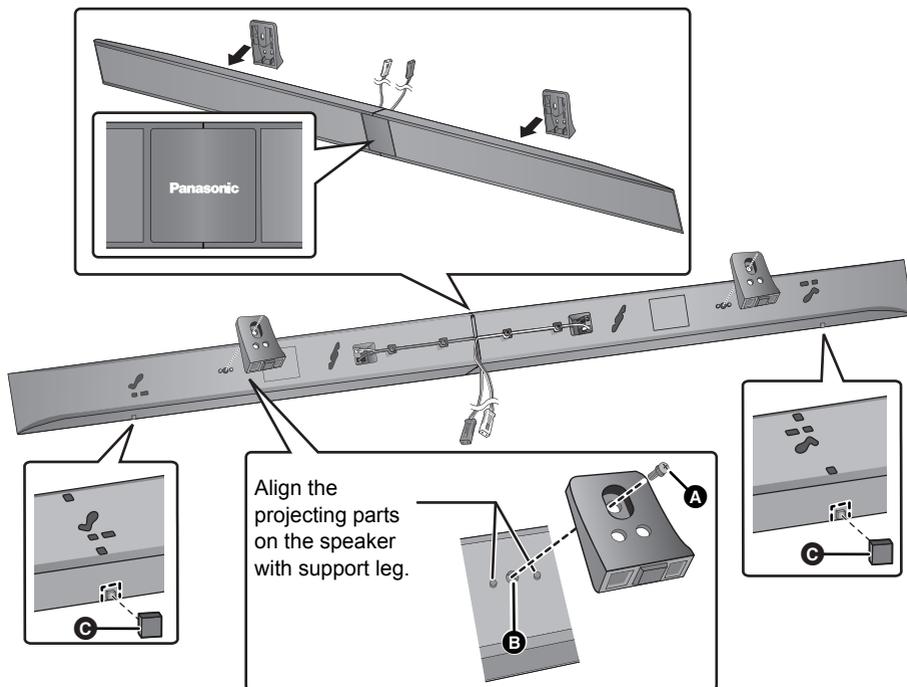
<input type="checkbox"/> 2 Speakers		<input type="checkbox"/> 2 Speaker cables (L): WHITE (R): RED		<input type="checkbox"/> 1 Speaker joint	
<input type="checkbox"/> 6 Screws		<input type="checkbox"/> 2 Support legs		<input type="checkbox"/> 2 Speaker feet	

- For a safety measure to prevent the speakers from falling, refer to page 17.
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.

### 1 Assemble the speakers following steps 1 and 2 of “Place the speakers horizontally” (⇒ 10).

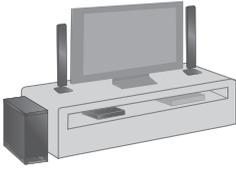
### 2 Attach the support legs and speaker feet.

- Use the “Panasonic” logo to identify the top and bottom of the speaker.
- Keep the screws and the speaker feet out of reach of children to prevent swallowing.

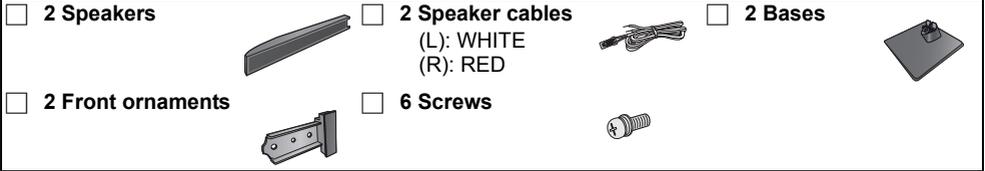


- A** Screw (supplied)
- B** Screw hole
- C** Speaker foot (supplied)

- Attach the speaker foot directly below the wall mounting hole (as illustrated).



## Place the speakers using the speaker bases

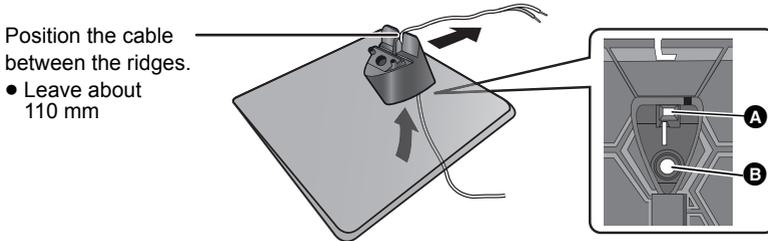


- For a safety measure to prevent the speakers from falling, refer to page 17.
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.

### 1 Assemble the speakers following step 1 of “Place the speakers vertically” (⇒ 12).

### 2 Insert the speaker cable through the base.

- Be sure to insert the speaker cable through the threading hole as indicated in the illustration. (If the speaker cable is twisted, it might not fit through the opening. Straighten the speaker cable before inserting.)

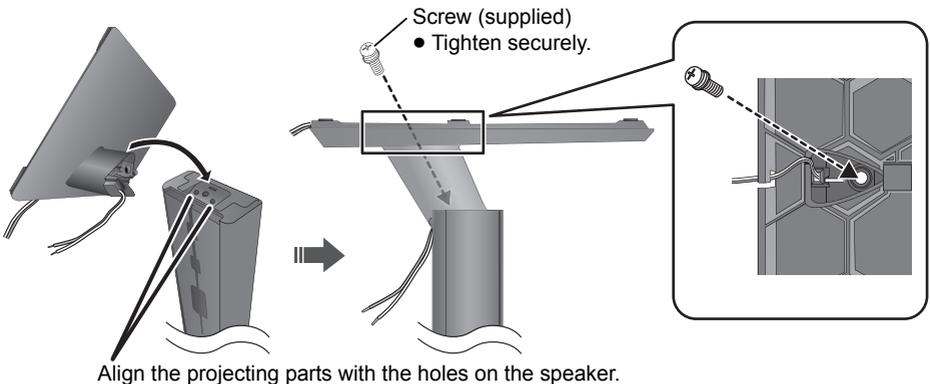


**A** Threading hole

**B** Screw hole

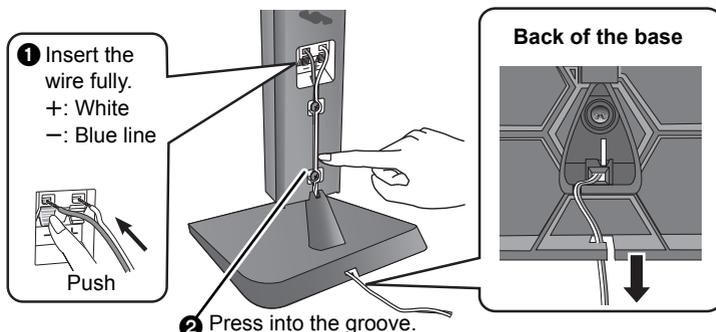
### 3 Attach the speaker to the base.

- The two speakers are interchangeable.
- Keep the screws out of reach of children to prevent swallowing.



## 4 Connect the speaker cables.

- Insert the wire fully, taking care not to insert beyond the wire insulation.



- Place the speaker that is connected with the speaker cable with a red connector on the observers' right, and connect with the speaker cable with a white connector on the observers' left.

## Additional speaker fall prevention measures

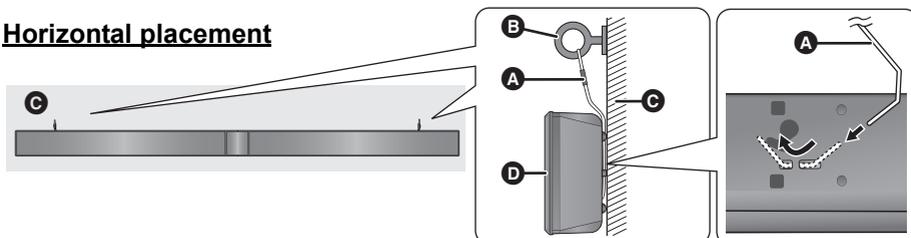
To prevent the speakers from falling, it is recommended, as an additional protection measure, to attach the speakers to the wall or table with a fall prevention cord (hereafter "cord").



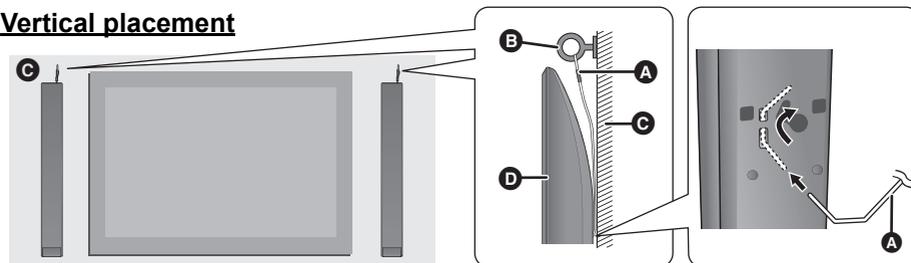
- Consultation with a qualified installation specialist concerning the appropriate procedure when attaching to a concrete wall or a surface that may not have strong enough support is recommended (⇒ 11, 13). Improper attachment may result in damage to the wall and speakers, and personal injury.
- Use a cord that is capable of supporting over 10 kg (with a diameter of about 1.5 mm).
- Keep the screws out of reach of children to prevent swallowing.
- Make sure that the slack of the cord is minimal.

### When attaching the speakers to a wall

#### Horizontal placement



#### Vertical placement

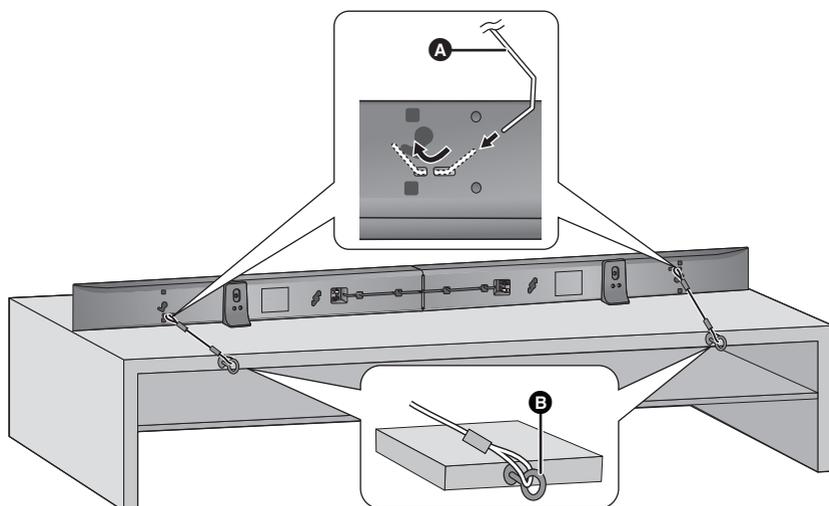


**A** Cord\*      **B** Screw eye      **C** Wall      **D** Wall-mounted speakers

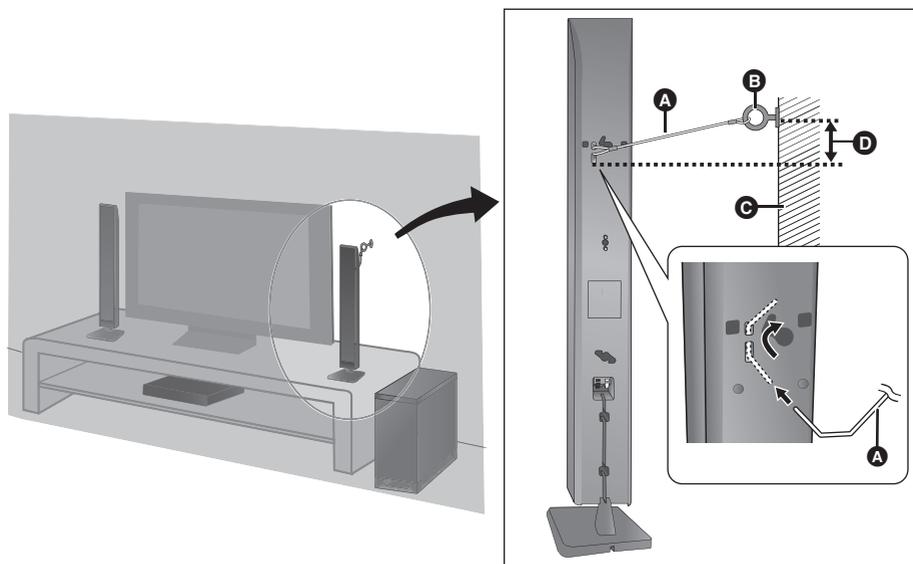
※ If the cord cannot be threaded through the holes, try bending the cord in 2 locations, about 10 mm apart from the tip, at an angle of 45° (as illustrated above).

## When placing the speakers on a table

### Horizontal placement



### Vertical placement



**A** Cord\*

**B** Screw eye

- Depending on the placement of the speakers, the screwing position of the screw eye may differ.

**C** Wall

**D** Approx. 150 mm

※ If the cord cannot be threaded through the holes, try bending the cord in 2 locations, about 10 mm apart from the tip, at an angle of 45° (as illustrated above).

# Step 3 Connections

• Turn off all equipment before connection and read the appropriate operating instructions.  
**Do not connect the AC mains lead until all other connections are complete.**

## HDMI

The HDMI connection supports VIERA Link “HDAVI Control” (⇒ 25) when used with a compatible Panasonic TV.

- Use the High Speed HDMI Cables. It is recommended that you use Panasonic’s HDMI cable.  
Recommended part number (High Speed HDMI cable):  
RP-CDHS15 (1.5 m), RP-CDHS30 (3.0 m), RP-CDHS50 (5.0 m), etc.
- Non-HDMI-compliant cables cannot be utilised.

## Connection with the TV

### 1 Verify if the TV’s HDMI terminal is labelled “HDMI (ARC)”.

Connection differs depending on the label printed next to the HDMI terminal.

Labelled “HDMI (ARC)”: Connection **A**

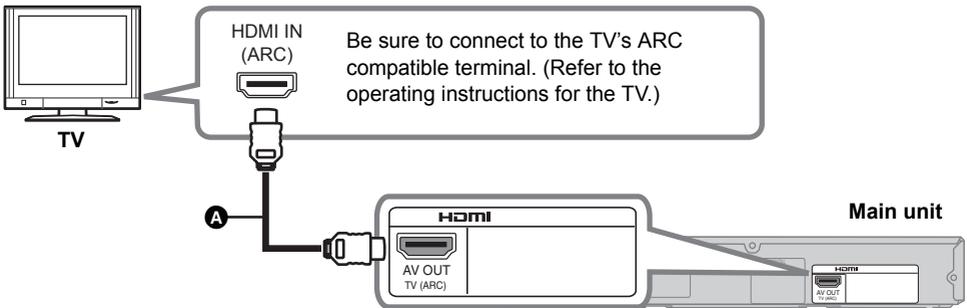
Not Labelled “HDMI (ARC)”: Connection **B**

## What is ARC?

ARC is an abbreviation of Audio Return Channel, also known as HDMI ARC. It refers to one of the HDMI functions. When you connect the main unit to the terminal labelled “HDMI (ARC)”, the optical digital audio cable that is usually required in order to listen to sound from a TV is no longer required, and TV pictures and sound can be enjoyed with a single HDMI cable.

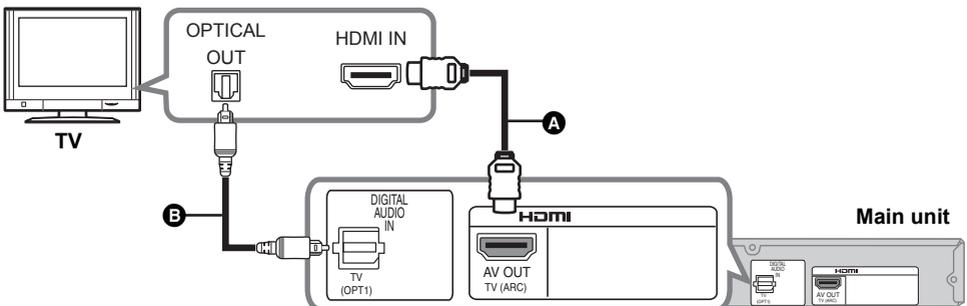
### 2 Make the connection.

#### A Labelled “HDMI (ARC)”



**A** HDMI cable

#### B Not labelled “HDMI (ARC)”



**A** HDMI cable

**B** Optical digital audio cable

- When you use the optical digital audio cable, insert the tip correctly into the terminal.

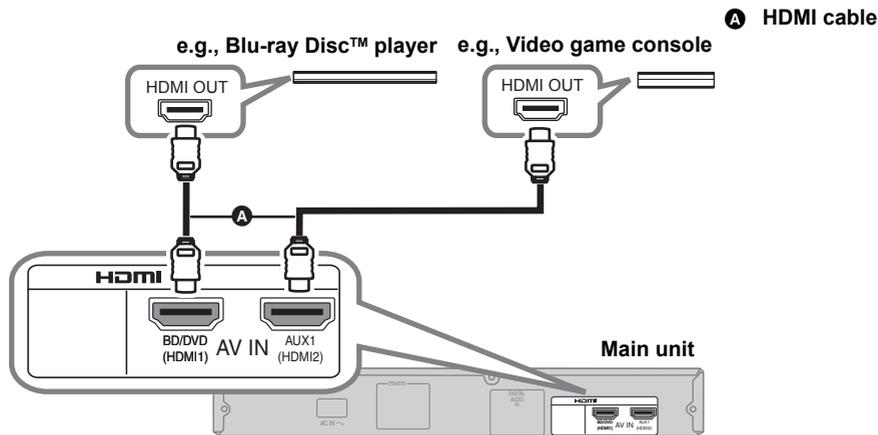
## Connection with other devices

You can direct the audio signal from the connected Blu-ray Disc™ player, DVD player, Set Top Box, etc. to this system.

### When the device has an HDMI terminal

#### Preparation

- Connect the main unit to the TV (⇒ 19).



#### ■ HDMI standby pass-through

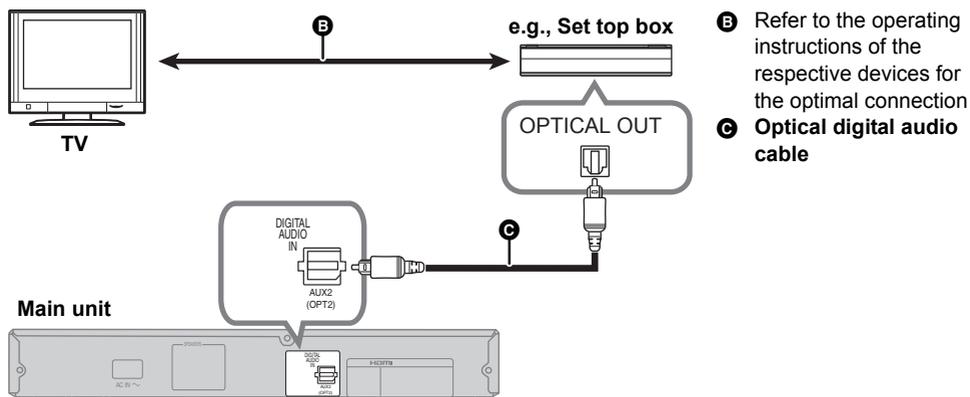
Even if the main unit is in standby mode, the audio and/or video signal from the device connected to the BD/DVD or AUX1 terminal will be sent to the TV connected to the HDMI OUT terminal (the sound will not be output from this system). When devices are connected to both BD/DVD and AUX1 terminals, audio and/or video signal of the device whose input is lastly selected is output.

#### ■ 3D compatibility

Compatible with FULL HD 3D TV and Blu-ray Disc™ player.

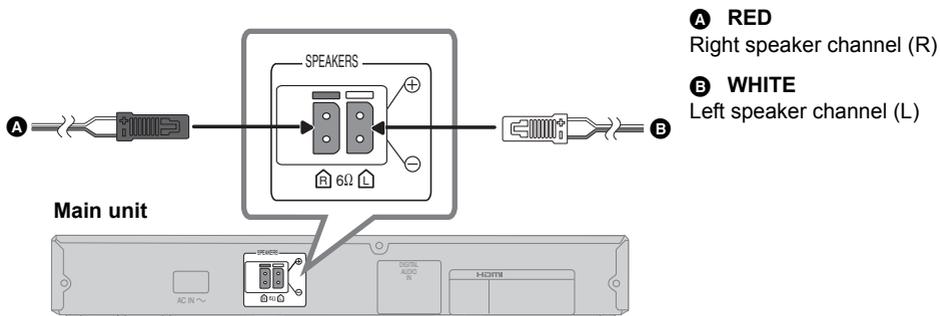
- The main unit can pass the 3D video signal from a 3D compatible Blu-ray Disc™ player to a FULL HD 3D TV.

### When the device has an optical digital audio output terminal



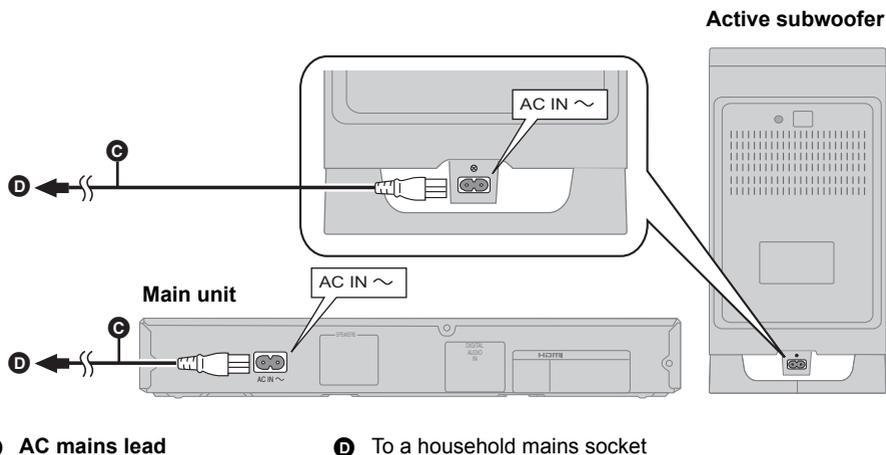
## Speaker cable connection

Match the connector shape and connect to the terminals of the same colour.



## AC mains lead connection

- Connect only after all other connections are complete.



- The main unit and active subwoofer consume a small amount of AC power, even when it is turned off (this unit: approx. 0.2 W, active subwoofer: approx. 0.2 W). In the interest of power conservation, if you will not be using this system for a long time, unplug it from the household mains socket.

### For the United Kingdom and Ireland



BE SURE TO READ THE CAUTION FOR THE AC MAINS LEAD ON PAGE 3 BEFORE CONNECTION.

### Saving energy

The main unit is designed to conserve its power consumption and save energy.

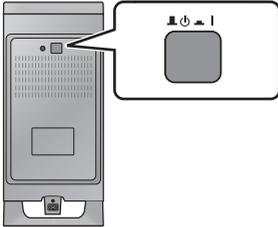
- This unit can be set to automatically switch to standby mode after 2 hours, if no signal is input and no operation is performed. To turn this function on, refer to page 27.

## Active subwoofer wireless connection

### Preparation

- Turn on the main unit.

**1** Press [**⏻** **⏻** **⏻**].



### Unit on/off button [**⏻** **⏻** **⏻**]

Use this button to turn the unit on and off.

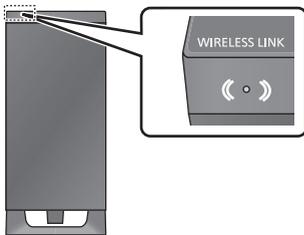
**⏻** **I**:

The active subwoofer is on.

**⏻** **⏻**:

The active subwoofer is off.

**2** Check that the wireless link is activated.



### WIRELESS LINK indicator lights

#### • Red:

The wireless link is not activated.

#### • Green:

The wireless link is activated.

The unit will still consume a small amount of power even when it is turned off (**⏻**, **⏻**)

## Bluetooth® connection

With the Bluetooth® connection you can output the audio from the connected wireless device.

### Preparation

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

### Pairing a device

**1** Press [**ⓧ**, – PAIRING].

- “**ⓧ**” indicator will blink quickly.

**2** Select “SC-HTB550” from the Bluetooth® device’s Bluetooth® menu.

- Once the Bluetooth® device is connected, the “**ⓧ**” indicator stops flashing and lights up.



Refer to the operating instructions of the Bluetooth® device for further instruction on how to connect a Bluetooth® device. If prompted for the passkey on the Bluetooth® device, enter “0000”.

### Pairing additional devices

**1** Press [**ⓧ**, – PAIRING].

**2** Press and hold the [**ⓧ**, – PAIRING] until the “**ⓧ**” indicator flashes quickly.

**3** Repeat step 2 of “Pairing a device”.

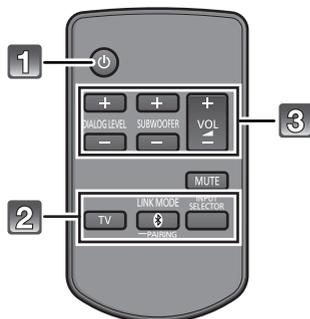


- You can register up to 6 devices with this unit. If a 7th device is paired, the device that has not been used for the longest time will be replaced.
- This unit can only be connected to one device at a time.
- To change the sound quality, refer to “Bluetooth® communication mode” on page 26.

# Using this unit

## Preparation

- Turn on the TV and/or connected device.



## 3 Adjust the volume and sound effect level.

### ■ To adjust the volume of the system

Press [+ VOL -].

- Volume range: 1 to 100\*

### ■ To adjust the dialog effect level

This setting will change the level of the Clear-mode dialog effect. (⇒ 24)

- 1 Press [+ DIALOG LEVEL -] to display the current level.
- 2 While the level is displayed: Press [+ DIALOG LEVEL -] to adjust the level.\*

Indication		Effect level
	4	Highest
	3	
	2	
	1	Lowest

### ■ To adjust the subwoofer level

- 1 Press [+ SUBWOOFER -] to display the current level.
- 2 While the level is displayed: Press [+ SUBWOOFER -] to adjust the level.\*

- The level indication pattern is the same as dialog effect level.

### ■ To mute the sound

Press [MUTE].

- While muting, the audio format indicators blink simultaneously.
- To cancel, press the button again or adjust the volume.
- Muting is cancelled if the main unit is turned off.

- 1 Press [⏻] to turn on the main unit.

- 2 Select the source.

Press	To select
[TV]	"TV"
[Bluetooth]	"Bluetooth" (Bluetooth®)
[INPUT SELECTOR]	"TV" → "BD/DVD" → "AUX1" ↑ "Bluetooth" ← "AUX2" ← ↓

- This remote control cannot be used to control the operations of the connected devices.

### ■ When "Bluetooth" is selected as the source

On the Bluetooth® device:

Select this unit as the output source of the Bluetooth® device and start the playback.

- Make sure that the Bluetooth® device is already paired with this unit. (⇒ 22)
- Playback may pause when a different source is selected.

### ■ When "BD/DVD" or "AUX1" is selected as the source

On the connected device:

Select the TV's input for this unit and start the playback on the connected device.

### ■ When "AUX2" is selected as the source

On the connected device:

Select the TV's input for the device connected to "AUX2" terminal and start the playback on the connected device.



**If the main unit does not operate as expected or sound is unusual, return the settings to the factory preset and operate the system again. (⇒ 28)**

\* The audio format indicators blink from left to right (+) or from right to left (-) while adjusting.

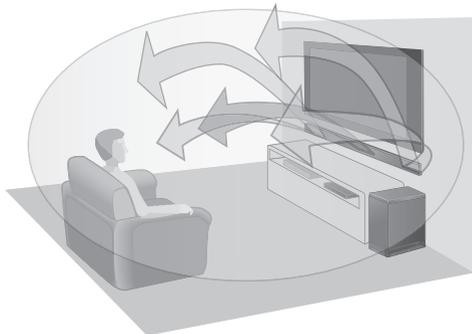
The indicators will not blink when it has reached the maximum or minimum.

- If there is sound coming out of the TV's speakers, reduce the volume of the TV to its minimum.
- If the main unit is turned off with the volume setting in the greater half (above 50), the main unit will automatically lower the volume to the middle (50) when the main unit is turned on (Volume limitation). To turn this function off, refer to page 27.

## 3D sound

This system provides a feeling that the sound and the image are as one. The 3D sound effect will be applied to Multi-channel audio sources as a factory preset.

e.g., Image of 3D sound field



3D sound	
<b>Dolby Virtual Speaker</b>	With this effect you can enjoy a surround sound effect similar to 5.1ch.
<b>3D surround effect</b>	Adding to the Dolby Virtual Speaker effect, Panasonic has applied its own sound field controlling technology to expand the sound field controlling technology to expand the sound field forwards, backwards, upwards, and downwards, providing a sound with depth and force that better matches 3D images.
<b>Clear-mode dialog</b>	Sports commentary and dialogs from TV dramas are heard as if the sound is coming from the TV, giving the feeling that the sound and the image are one. Also, the dialog will stand out from the other sounds during normal volume playback and when the volume is lowered for night time viewing.



Dolby Virtual Speaker and the 3D surround effects can be turned off and on by changing the audio output mode settings.

## Audio output modes

As a factory preset, Dolby Virtual Speaker and the 3D surround effects will be applied to Multi-channel audio sources, such as those from a Blu-ray Disc™ player or DVD player, etc.

By changing the audio output setting, it is possible to apply the Dolby Virtual Speaker and 3D surround effects to 2ch audio sources, such as the audio from the TV.

### To change the audio output mode

#### 1 Press and hold [MUTE] for more than 2 sec.

- The indicator for the current setting blinks for 10 sec.

#### 2 While the indicator is blinking, press [MUTE] again to change the setting.

- The setting changes each time [MUTE] is pressed.

Audio output mode	Dolby Virtual Speaker and 3D surround effect
<b>Multi-channel mode</b> 	The effects are applied to all audio sources.
<b>Auto mode (Direct mode)*1</b> (Factory preset) 	The effects are applied to Multi-channel audio sources. The effects are not applied to 2 channel audio sources.
<b>2ch mode</b> 	The effects are not applied to any audio source.

\*1 Depending on the audio source, Dolby Virtual Speaker and 3D surround effect settings are automatically adjusted.

\*2 This indicator will also light when the audio source is Multi-channel audio.



When using the optical digital audio cable, Dolby Virtual Speaker and the 3D surround effect will be temporarily cancelled if the audio signal's sampling frequency is greater than 48 kHz.

# Linked operations with the TV (VIERA Link “HDAVI Control™”)

## What is VIERA Link “HDAVI Control”?

VIERA Link “HDAVI Control” is a convenient function that offers linked operations of this unit, and a Panasonic TV (VIERA) under “HDAVI Control”.

You can use this function by connecting the equipment with an HDMI cable. See the operating instructions for connected equipment for operational details.

## Preparation

- ① Confirm that the HDMI connection has been made. (⇒ 19, 20)
- ② Set the “HDAVI Control” operations on the connected equipment (e.g., TV).
- ③ For the optimal “HDAVI Control” operations change the following settings on the connected TV\*<sup>1</sup>.
  - Set the default speaker settings to this system.<sup>2</sup>
  - Set the speaker selection settings to this system.
- ④ Turn on all “HDAVI Control” compatible equipment and select the TV’s input for this system so that the “HDAVI Control” function works properly.
- ⑤ If a device is connected to the HDMI IN terminal, start play to check that the picture is displayed on the TV correctly.

**When the connection or settings are changed, repeat this procedure.**

- ※1 The availability and function of the settings may vary depending on the TV. Refer to the operating instructions for the TV for details.
- ※2 If the TV has a default speaker setting within the VIERA Link setting items, choosing this system as the default speaker will automatically change the speaker selection to this system.



- VIERA Link “HDAVI Control”, based on the control functions provided by HDMI which is an industry standard known as HDMI CEC (Consumer Electronics Control), is a unique function that we have developed and added. As such, its operation with other manufacturers’ equipment that supports HDMI CEC cannot be guaranteed.
- This unit supports “HDAVI Control 5” function. “HDAVI Control 5” is the newest standard (current as of November, 2011) for Panasonic’s HDAVI Control compatible equipment. This standard is compatible with Panasonic’s conventional HDAVI equipment.
- Please refer to individual manuals for other manufacturers’ equipment supporting VIERA Link function.

## What you can do with VIERA Link “HDAVI Control”

To make sure that the audio is output from this system, select home cinema speaker from the speaker menu of VIERA Link menu using the TV’s remote control to turn this system on. The availability and function of the settings may vary depending on the TV. Refer to the operating instructions for the TV for details.

### ■ Speaker control

You can select whether audio output is from this system or the TV speakers by using the TV menu settings.

#### Home cinema

This system is active.

- When this system is in standby mode, changing the TV speakers to this system in the VIERA Link menu will automatically turn this system on and select TV as the source.
- You can control the volume setting of this system using the volume or mute button on the TV remote control.
- If you turn off this system, TV speakers will be automatically activated.
- Audio will automatically be output from this system if the TV is compatible to VIERA Link “HDAVI Control 4” or later.

#### TV

- TV speakers are active.
- The volume of this system is set to its minimum.

### ■ Automatic input switching

When the following operations are performed, this system will automatically change the input to the corresponding source.

- When play starts on an HDMI connected device.<sup>※3</sup>
- When the TV input or the TV channel is changed.

- ※3 If the speaker output setting on the TV is set to this system, the TV and this system turn on automatically (Power on link).

### ■ Power off link

When the TV is turned off, the main unit also turns off automatically. (This function does not work when Bluetooth® is the source.)

### ■ Automatic lip-sync function (for HDAVI Control 3 or later)

Delay between audio and video is automatically adjusted by adding time-lag to the audio output, enabling you to enjoy smooth audio for the picture.



The delay information is automatically set if the TV is compatible to VIERA Link “HDAVI Control 3” or later and the VIERA Link is set to on.

# Advanced operations

## Changing the dual audio

Change the dual audio from main to secondary.

- 1 **Confirm the digital audio output setting on the connected TV or player, etc. is set to “Bitstream”.**
- 2 **Press and hold [TV] for more than 2 sec.**
- 3 **While the indicator of the current setting is blinking, press [TV] to change the setting.**

- The indicator for the current setting blinks for 10 sec.



**A** : Main



**B** : Secondary

**A**, **B** : Main and secondary

- The setting works only when the dual audio is available in the audio source.
- The setting is maintained until it is changed again.
- The same setting is used for all digital audio sources.

## Auto gain control

With this function, you can prevent sudden loud sounds. The output will be reduced automatically when the input exceeds a certain level.

- 1 **Press and hold [INPUT SELECTOR] on remote controller for more than 2 sec.**

- The indicator for the current setting blinks for 10 sec.



Dolby Digital indicator blinks:  
**Auto gain control is on.**



PCM indicator blinks:  
**Auto gain control is off.**

- 2 **While the indicator is blinking, press [INPUT SELECTOR] to change the setting.**

- The setting changes each time [INPUT SELECTOR] is pressed.
- The setting is maintained until it is changed again.
- Default setting of this function is OFF.

## Bluetooth® communication mode

You can select different modes to suit the type of connections which emphasis on connectivity or high quality audio.

- Make sure that a Bluetooth® device is already paired with this unit. (→ 22)

- 1 **Disable the Bluetooth® connection of the device.**

- “” indicator will blink slowly.

- 2 **Press [LINK MODE, ] to display the current mode.**

- The indicator for the current setting blinks for 10 sec.



**MODE1:** (Factory preset)  
Emphasis on connectivity



**MODE2:**  
Emphasis on audio quality

- 3 **While the mode is displayed, press [LINK MODE, ] to select the mode.**

- The setting changes each time [LINK MODE, ] is pressed.
- The setting is maintained until it is changed again.

## To turn off the 3D surround effect and clear-mode dialog effect

Depending on your preference, It is possible to use only the Dolby Virtual Speaker effect by turning off the 3D surround effect and the clear-mode dialog effect.

- 1 **Press and hold [TV] on the remote control and followed by [VOL +] on the main unit for more than 2 sec.**

- The indicator for the current setting blinks for 10 sec.



Dolby Digital indicator blinks:  
**3D surround effect and clear-mode dialog effect is on.**



PCM indicator blinks:  
**3D surround effect and clear-mode dialog effect is off.**

- 2 **While the indicator is blinking, press [TV] to change the setting.**

- The setting changes each time [TV] is pressed.
- This setting will be reset to on when this system is turned off.
- When off is selected, the dialog effect level cannot be adjusted.

## Auto standby function

With this function turned on, this unit can be set to automatically switch to standby mode if there is no signal input and no operation is performed for 2 hours.

### 1 Press and hold [INPUT SELECTOR] on the main unit for more than 2 sec.

- The indicator for the current setting blinks for 10 sec.



Dolby Digital indicator blinks:  
**Auto standby function is on.**



PCM indicator blinks:  
**Auto standby function is off.**

### 2 While the indicator is blinking, press [INPUT SELECTOR] to change the setting.

- The setting changes each time [INPUT SELECTOR] is pressed.

## Others

The following settings are unnecessary under general usage conditions of the system.

### Remote control code

When other Panasonic devices respond to this system's remote control, change the remote control code on the main unit and the remote control.

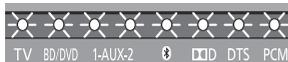
#### Preparation

- Turn off all other Panasonic products.
- Turn on the main unit.

#### Change the remote control code to code 2:

- 1 Aim the remote control at this system's remote control sensor.
- 2 Press and hold [MUTE] and [] on the remote control for more than 4 sec.

- All the indicators will blink for 10 sec when the code of this system is changed.



- The setting is maintained until it is changed again.



- If this system does not operate after changing the code, repeat steps 1 and 2.
- To change the remote control code to code 1, repeat the steps above, but replace [] with [TV].

### To reduce the clear-mode dialog effect

When the dialog does not sound natural while the volume is set low, for example, it is possible to reduce the dialog enhancing effect as follows:

Press and hold [TV] on the remote control and followed by [– VOL] on the main unit for more than 2 sec.

- All the indicators will blink once when the clear-mode dialog effect is reduced.



- Even if clear-mode dialog effect is reduced, dialog effect level is still adjustable.

### To turn off VIERA Link “HDAVI Control”

When “HDAVI Control” compatible equipment does not work well with this system, for example, it is possible to turn off this function as follows:

- When VIERA Link is turned off the ARC function is not available. Be sure to connect the optical digital audio cable. (⇒ 19)

- 1 Press and hold [MUTE] on the remote control and followed by [– VOL] on the main unit for more than 2 sec.
  - 2 After the setting has changed, turn off all the connected devices and then turn them on again.
- All the indicators will blink once when VIERA Link “HDAVI Control” is turned off.



### To turn off the volume limitation

If a state of the lowered volume disturbs you every time this system turns on, for example, it is possible to turn off this function as follows:

Press and hold [MUTE] on the remote control and followed by [VOL +] on the main unit for more than 2 sec.

- All the indicators will blink once when the volume limitation is turned off.



The settings of the clear-mode dialog effect, VIERA Link “HDAVI Control”, and the volume limitation remain intact even if you switch this system to standby mode. To turn these 3 functions back on, this system must be set back to the factory preset. (⇒ 28)

# 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 to the factory preset.

While the main unit is on, press [⏻/I] on the main unit for more than 4 sec.

(All the indicators will blink twice when the main unit is reset.)

## If the system does not operate as expected, returning the settings to the factory preset may solve the problem.

- The remote control code will return to “1” when the main unit is returned to the factory preset. To change the remote control code, refer to page 27.

## General operation

### No power.

- Insert the AC mains lead securely. (⇒ 21)
- After turning the main unit on, if the indicators blink and the main unit immediately turns off, unplug the AC mains lead and consult your dealer.

### The remote control does not work properly.

- The battery is depleted. Replace it with a new one. (⇒ 7)
- It is possible that the insulation sheet has not been removed. Remove the insulation sheet. (⇒ 7)
- It may be necessary to set the code of the remote control again after changing the battery of the remote control. (⇒ 27)
- Use the remote control within the correct operation range. (⇒ 7)

### The “TV” indicator blinks.

Remove the AC mains lead and consult your dealer. If there are any other indicators blinking, be sure to inform your dealer about the blinking indicators.

### The main unit is automatically switched to standby mode.

The auto standby function is on. The main unit will automatically switch to standby mode when no signal is input and no operation is performed for approx. 2 hours. Refer to page 27 to turn this function off.

### The main unit is turned off when the TV's speakers are selected in the speaker control.

This is a normal feature when using VIERA Link (HDAVI Control 4 or later). Please read the operating instructions for the TV for details about its power save feature. (⇒ 25)

## HDMI

### This system does not operate correctly.

If the HDMI cable is connected to the wrong terminal (HDMI IN or HDMI OUT), this system will not operate correctly. Turn the main unit off, disconnect the AC mains lead and reconnect the HDMI cable(s). (⇒ 19, 20)

### VIERA Link related operations no longer function properly.

- Check the VIERA Link setting on the connected devices.
- Have you turned the VIERA Link settings off? (⇒ 27)
- When the HDMI connections are changed, after a power failure or after the AC mains lead has been removed, VIERA Link operations may not function properly.
  - Turn on all the devices that are connected to the TV with an HDMI cable and then turn the TV on.
  - Turn off the VIERA Link settings of the TV and turn it on again. For details refer to the operating instructions for the TV.
  - While this system and the TV are connected with the HDMI cable, turn on the TV and then remove the main unit's AC mains lead and reconnect it again.

### The first few seconds of audio cannot be heard when using the HDMI connection.

This may occur during DVD-Video chapter playback. Change the digital audio output setting on the connected device from “Bitstream” to “PCM”.

### When operating an HDMI compatible device of a different brand, the main unit reacts in an unwanted manner.

HDAVI Control commands may use a different signal depending on the brand of the device. In this case, turn VIERA Link off. (⇒ 27)

## Bluetooth®

### Pairing cannot be done.

Check the Bluetooth® device condition.

### The device cannot be connected.

- The pairing of the device was unsuccessful. Try pairing the device again.
- The pairing of the device has been replaced. Pair the device again. (⇒ 22)
- The system might be connected to a different device. Disconnect the other device and try pairing the device again.

### The device is connected but audio cannot be heard through the system.

For some built-in Bluetooth® devices, you have to set the audio output to “SC-HTB550” manually. Read the operating instructions for the device for details.

---

### Sound from the device is uneven.

- The device is out of the 10 m communication range. Bring the device closer to the main unit.
- Remove any obstacle between the main unit and the device.
- Switch off any wireless LAN device.
- Select "MODE1" for stable communication. (⇒ 26)

## Sound

### No sound (or image).

- Turn muting off. (⇒ 23)
- Check the connections to the other devices. (⇒ 19, 20)
- Make sure that the received audio signal is compatible with this system. (⇒ 31)
- Turn this system off and then on again.
- If this system is connected to the TV with only an HDMI cable, make sure that the TV's HDMI terminal is labelled "HDMI (ARC)". If not, connect using the optical digital audio cable. (⇒ 19)
- If this system is connected to a Panasonic TV and turned on using the button on the main unit or the remote control, sound might not be output from this system. In this case, turn the main unit on using the TV's remote control. (⇒ 25)
- If the connections are correct, there might be a problem with the cables. Redo the connections with different cables.
- Check the audio output settings on the connected device.
- If the AUX1 indicator flashes and there is no audio output, try the following.
  - ① Turn the connected device off and then on.
  - ② Turn off this system, remove the HDMI cable, then reconnect the HDMI cable and turn this system back on.

---

### The dual audio cannot be changed from main to secondary.

If the audio received from the connected device is not "Dolby Dual Mono" or the output setting is not "Bitstream", the setting cannot be changed from this system. Change the setting on the connected device.

---

### The volume is lowered when this system is turned on.

If the main unit is turned off with the volume setting in the greater half (above 50), the main unit will automatically lower the volume to the middle (50) when the main unit is turned on. (⇒ 27)

---

### The dialog is too persistent or the dialog does not sound natural.

This system has a function to make the dialog stand out when the volume is low. (⇒ 27)

---

### There is no audio.

#### The power of the main unit turns off automatically.

(When the main unit detects a problem, a safety measure is activated and the main unit automatically switches to standby mode.)

- There is a problem with the amplifier.
  - Is the volume extremely high?
    - If so, lower the volume.
  - Is this system placed in an extremely hot place?
    - If so, move this system to a cooler place and wait a few moments and then try to turn it on again.
- If the problem persists, confirm the TV indicator and AUX1 indicator blink, turn the system off, remove the AC mains lead and consult your dealer. Please be sure to remember the indicators that were blinking and inform the dealer.

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## Active Subwoofer

### No power.

Ensure the AC mains lead of the active subwoofer is connected properly.

---

### After turning the subwoofer on, it immediately turns off.

Unplug the AC mains lead and consult your dealer.

---

### No sound from the subwoofer.

- Check that the active subwoofer is turned on.
- Check that the wireless link indicator lights green. (⇒ 22)

---

### The wireless link indicator lights red.

- There is no link between this unit and the active subwoofer.
  - Check that this unit is turned on.
  - Turn the active subwoofer off and then back on.
    - Alternatively, turn the active subwoofer off, disconnect the AC mains lead and then reconnect it.
- The active subwoofer and the main unit may not be paired correctly. Try the following operation. (Wireless pairing)
  - ① Turn on the main unit and active subwoofer.
  - ② Press [ID SET] on the rear of the active subwoofer. (The WIRELESS LINK indicator will light red and green alternately.)
  - ③ Press and hold [INPUT SELECTOR] on remote control and followed by [VOL +] on the main unit for more than 2 sec. (The BD/DVD indicator will blink and audio format indicators light up in sequence.)
    - When the wireless pairing is successful, BD/DVD indicator will stop flashing and WIRELESS LINK indicator lights green.
  - ④ Turn the main unit off and on.
- Consult your dealer if the problem persists.

# Indicator illumination

The indicators display the condition of this system by flashing. The indicator patterns illustrated below are displayed during normal operational conditions. They do not refer to the indications of a problem. Refer to “Troubleshooting” (⇒ 28) if the indicators do not light up as illustrated below.

Indicator	Description
	<p><b>The indicators blink simultaneously.</b></p> <ul style="list-style-type: none"> <li>When “MUTE” is on (⇒ 23)</li> </ul>
	<p><b>The BD/DVD indicator blinks*2 and audio format indicators light up in sequence for 1 minute.</b></p> <ul style="list-style-type: none"> <li>When the main unit is in wireless pairing mode with the active subwoofer (⇒ 29)</li> </ul>
	<p><b>The indicator blinks for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the dialog effect level or the subwoofer level is 1 (⇒ 23)</li> <li>When the audio output mode is Multi-channel mode (⇒ 24)</li> <li>When the dual audio setting is Main (⇒ 26)</li> <li>When the auto gain control is on (⇒ 26)</li> <li>When the Bluetooth® communication is mode 1 (⇒ 26)</li> <li>When 3D surround effect and clear-mode dialog effect are on (⇒ 26)</li> <li>When the auto standby function is on (⇒ 27)</li> </ul>
	<p><b>The indicators blinks for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the dialog effect level or the subwoofer level is 2 (⇒ 23)</li> <li>When the audio output mode is Auto mode (⇒ 24)</li> </ul>
	<p><b>The indicator blinks for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the audio output mode is Auto mode (⇒ 24)</li> </ul>
	<p><b>The indicators blinks for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the dialog effect level or the subwoofer level is 3 (⇒ 23)</li> </ul>
	<p><b>The indicator blinks for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the dialog effect level or the subwoofer level is 4 (⇒ 23)</li> <li>When the audio output mode is 2ch mode (⇒ 24)</li> <li>When the dual audio setting is Secondary (⇒ 26)</li> <li>When the auto gain control is off (⇒ 26)</li> <li>When the Bluetooth® communication is mode 2 (⇒ 26)</li> <li>When 3D surround effect and clear-mode dialog effect are off (⇒ 26)</li> <li>When the auto standby function is off (⇒ 27)</li> </ul>
	<p><b>The indicators blink for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the dual audio setting is Main and Secondary (⇒ 26)</li> </ul>
	<p><b>The indicators blink for 10 sec.</b></p> <ul style="list-style-type: none"> <li>When the remote control code is changed (⇒ 27)</li> </ul> <p><b>The indicators blink once.</b></p> <ul style="list-style-type: none"> <li>When changing the setting (“To reduce the clear-mode dialog effect”, “To turn off VIERA Link “HDMI Control””, and “To turn off the volume limitation”) (⇒ 27)</li> </ul>
	<p><b>Bluetooth® indicator blinks quickly.</b></p> <ul style="list-style-type: none"> <li>When the main unit is ready for pairing</li> </ul> <p><b>Bluetooth® indicator blinks slowly.</b></p> <ul style="list-style-type: none"> <li>When the main unit is waiting to connect</li> </ul> <p><b>Bluetooth® indicator turns on.</b></p> <ul style="list-style-type: none"> <li>When the main unit is connected with a Bluetooth® device</li> </ul>

※1 The selected source indicator will also light.

※2 The BD/DVD indicator stops blinking and lights once the wireless pairing is successful.

# Specifications

## AMPLIFIER SECTION

<b>RMS output power</b>	
<b>10 % total harmonic distortion</b>	
<b>Subwoofer ch</b>	120 W per channel (100 Hz, 8 Ω)
<b>Front ch (L, R ch)</b>	60 W per channel (1 kHz, 6 Ω)
<b>Total RMS Dolby Digital mode power</b>	240 W

## WIRELESS SECTION

<b>Wireless module</b>	
<b>Frequency Range</b>	5.180 GHz to 5.240 GHz
<b>Number of channels</b>	4
<b>Restriction of use</b>	For indoor use only

## TERMINAL SECTION

<b>HDAVI Control</b>	This unit supports "HDAVI Control 5" function.	
<b>HDMI AV input (BD/DVD, AUX1)</b>	2	
<b>Input connector</b>	Type A (19 pin)	
<b>HDMI AV output (TV (ARC))</b>	1	
<b>Output connector</b>	Type A (19 pin)	
<b>Digital audio input</b>		
<b>Optical digital input (TV, AUX2)</b>	2	
<b>Sampling frequency</b>	32 kHz, 44.1 kHz, 48 kHz 88.2 kHz, 96 kHz (only LPCM)	
<b>Audio format</b>	LPCM, Dolby Digital, DTS	

## SPEAKER SECTION

<b>Front speakers</b>	
<b>2 way, 2 speaker system (Bass reflex type)</b>	
<b>Speaker unit(s)</b>	Impedance 6 Ω
<b>Woofer</b>	6.5 cm cone type×1
<b>Tweeter</b>	2.5 cm semi-dome type×1
<b>Frequency range</b>	100 Hz to 30 kHz (−16 dB) 150 Hz to 25 kHz (−10 dB)
<b>Active subwoofer</b>	
<b>1 way, 1 speaker system (Bass reflex type)</b>	
<b>Woofer</b>	16 cm cone type×1
<b>Frequency range</b>	30 Hz to 180 Hz (−16 dB) 35 Hz to 160 Hz (−10 dB)

## GENERAL

<b>Power consumption</b>	Main unit: 33 W Active subwoofer: 23 W
<b>In standby condition</b>	Main unit: Approx. 0.2 W Active subwoofer: Approx. 0.2 W

<b>Power supply</b>	AC 220 V to 240 V, 50 Hz
<b>Dimensions (W×H×D)</b>	
<b>Main unit</b>	
<b>Cabinet dimension</b>	310 mm×44 mm×195 mm
<b>Maximum outer dimension</b>	
<b>Active subwoofer</b>	310 mm×45 mm×202 mm
<b>Active subwoofer</b>	180 mm×408 mm×306 mm

<b>Mass</b>	
<b>Main unit</b>	Approx. 1.1 kg
<b>Active subwoofer</b>	Approx. 5.2 kg
<b>Operating temperature range</b>	0 °C to +40 °C
<b>Operating humidity range</b>	20 % to 80 % RH (no condensation)

## SPEAKER GENERAL

<b>Horizontal placement using the stands</b>	
<b>Dimensions (W×H×D)</b>	956 mm×102 mm×74 mm
<b>Mass</b>	1.61 kg
<b>Horizontal placement using the speaker feet and the support legs</b>	
<b>Dimensions (W×H×D)</b>	956 mm×78 mm×55 mm
<b>Mass</b>	1.57 kg
<b>Horizontal placement (for wall mount)</b>	
<b>Dimensions (W×H×D)</b>	956 mm×75 mm×35 mm
<b>Mass</b>	1.54 kg
<b>Vertical placement using the speaker bases</b>	
<b>Dimensions (W×H×D)</b>	148 mm×528 mm×145 mm
<b>Mass</b>	0.88 kg
<b>Vertical placement (for wall mount)</b>	
<b>Dimensions (W×H×D)</b>	75 mm×478 mm×35 mm
<b>Mass</b>	0.77 kg

**Bluetooth® system specification** V2.1 + EDR**Wireless equipment classification** Class 2 (2.5 mW)**Supported profiles** A2DP, AVRCP**Frequency band** 2402 MHz to 2480 MHz  
(Adaptive Frequency Hopping)**Operating distance** 10 m Line of Sight

- 1 Specifications are subject to change without notice.
- 2 Weight and dimensions are approximate.
- 3 Total harmonic distortion is measured by a digital spectrum analyzer.

## Unit care

### ■ Clean the system 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 system, 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 benzene to clean the system.
- Before using chemically-treated cloth, carefully read the instructions that came with the cloth.

## Licenses

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**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 action 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

- When other devices use the same frequency as this system, this system may operate incorrectly or the sound may be distorted.
- To prevent interference from other devices:
  - Keep the system away from other devices that emit radio frequency interference.
  - Do not use this system and a wireless LAN device at the same time. Switch off any wireless LAN device.

### ■ 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).

**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 to be used in the following countries.

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

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

**Suomi****Vakuutus vaatimustenmukaisuudesta (DoC)**

"Panasonic Corporation" vakuuttaa, että tämä tuote on yhdenmukainen direktiivin 1999/5/EC keskeisten vaatimusten sekä sen muiden merkityksellisten määräysten kanssa.

Asiakkaat voivat ladata alkuperäisen DoC:n kopion R&TTE-tuotteillemme DoC-palvelimelta:

<http://www.doc.panasonic.de>

Valtuutetun edustajan yhteystiedot: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Saksa

Tämä tuote on tarkoitettu käytettäväksi seuraavissa maissa.

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Tämä tuote on tarkoitettu tavallisille kuluttajille. (Luokka 3)

**Ελληνικά****Δήλωση συμμόρφωσης (DoC)**

Με την παρούσα, η "Panasonic Corporation" δηλώνει ότι το προϊόν αυτό είναι σύμφωνο με τις βασικές απαιτήσεις και άλλες σχετικές διατάξεις της οδηγίας 1999/5/EC.

Οι πελάτες μπορούν να κατεβάσουν ένα αντίγραφο του πρωτοτύπου DoC για τα R&TTE προϊόντα μας από τον DoC server μας:

<http://www.doc.panasonic.de>

Στοιχεία επικοινωνίας Εξουσιοδοτημένου Αντιπροσώπου:

Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Γερμανία

Αυτό το προϊόν προορίζεται να χρησιμοποιηθεί στις ακόλουθες χώρες.

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Αυτό το προϊόν προορίζεται για καταναλωτές. (Κατηγορία 3)

**Português****Declaração de Conformidade (DoC)**

Com o presente documento, a "Panasonic Corporation" declara que este produto é conforme os requisitos específicos e demais especificações referentes à Diretriz 1999/5/EC.

Os clientes podem baixar uma cópia da declaração de conformidade (DoC) para nossos produtos R&TTE do Server DoC:

<http://www.doc.panasonic.de>

Contacte o representante autorizado: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Alemanha

Este produto deve ser usado nos seguintes países.

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Este produto destina-se ao consumidor geral. (Categoria 3)

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Bendrovė "Panasonic Corporation" patvirtina, kad šis gaminys tenkina direktyvos 1999/5/EB esminius reikalavimus ir kitas taikytinas nuostatas.

Mūsų R&TTE gaminių originalios atitikties deklaracijos kopiją klientai gali atsisiųsti iš mūsų AD serverio:

<http://www.doc.panasonic.de>

Įgaliotojo atstovo adresas: "Panasonic Marketing Europe GmbH", Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija.

Šis gaminys skirtas naudoti toliau išvardytose valstybėse.

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Šis gaminys skirtas bendrajam vartojimui. (3 kategorija.)

**Slovensko****Izjava o skladnosti (DoC)**

S pričujočo izjavo podjetje "Panasonic Corporation" izjavlja, da so svoji izdelki skladni s poglavitnimi zahtevami in drugimi odgovarjajočimi predpisi direktive 1999/5/ES.

Stranka lahko naloži izvod izvirnega DoC o naših izdelkih R&TTE s strežnika DoC:

<http://www.doc.panasonic.de>

Pooblaščen zastopnik: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemčija

Ta izdelek je namenjen uporabi v naslednjih državah:

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Izdelek je namenjen splošni uporabi. (Razred 3)

**Malti****Dikjarazzjoni ta' Konformità (DoC)**

Bil-preżenti, "Panasonic Corporation" tidjikkara li dan il-prodott huwa konformi mar-reqwiżiti essenzjali u d-dispożizzjonijiet relevanti l-oħra tad-Direttiva 1999/5/KE.

Il-konsumaturi jistgħu jakkwistaw kopja tad-Dikjarazzjoni ta' Konformità (DoC) originali għall-prodotti tagħna R&TTE mis-server tad-Dikjarazzjoni ta' Konformità (DoC) tagħna:

<http://www.doc.panasonic.de>

Kuntatt ma' Rappreżentant Awtorizzat: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germanja

Dan il-prodott huwa intiz għall-użu fil-pajjiżi li ġejjin.

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SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Dan il-prodott huwa intiz għall-konsumatur ġenerali. (Kategorija 3)

**Slovensky****Vyhlasenie o zhode (DoC)**

"Panasonic Corporation" týmto prehlasuje, že tento výrobok je v zhode so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice 1999/5/ES.

Zákazníci si môžu stiahnuť kópiu pôvodného DoC na naše R&TTE výrobky z nášho servera DoC:

<http://www.doc.panasonic.de>

Kontakt na splnomocneného zástupcu: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemecko

Tento produkt je určený pre použitie v týchto krajinách:

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## Norsk

### Samsvarserklæring (DoC)

"Panasonic Corporation" erklærer at utstyret er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF. Kundene kan laste ned en kopi av den originale samsvarserklæringen (DoC) for vårt R&TTE utstyr fra vår DoC server:

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Kontakt vår autoriserte representant: Panasonic Marketing Europe GmbH,  
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Utstyret er ment til bruk i følgende land.

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Utstyret er beregnet på den vanlige forbruker (klasse 3).

### Eesti keel

### Vastavusdeklaratsioon (DoC)

"Panasonic Corporation" kinnitab käesolevaga, et see toode on vastavuses põhiliste nõuete ja muude direktiivi 1999/5/EÜ asjakohaste sätetega.

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<http://www.doc.panasonic.de>

Võtke ühendust volitatud esindajaga: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

See toode on mõeldud kasutamiseks järgnevatel riikides.

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SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

See toode on mõeldud tavakasutajale. (III kategooria)

## Latviski

### Atbilstības deklarācija (DoC)

Kompānija "Panasonic Corporation" ar šo paziņo, ka šis izstrādājums atbilst būtiskām prasībām un citām saistošām Direktīvas 1999/5/EK prasībām.

Pircēji var lejupielādēt oriģinālo DoC kopiju mūsu R&TTE izstrādājumos no mūsu DoC servera:

<http://www.doc.panasonic.de>

Lūdzam sazināties ar pilnvaroto parstāvi Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

Šo izstrādājumu paredzēts lietot šādās valstīs.

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Šis izstrādājums ir paredzēts parastam patērētājam. (3. kategorija)

## Български

### Декларация за съответствие (DoC)

"Panasonic Corporation" декларира, че този продукт съответства на съществените изисквания и другите приложими разпоредби на Директива 1999/5/EC.

Потребителите могат да свалят копие от оригиналните DoC към нашите продукти от типа R&TTE от съвърва, на който се съхраняват DoC:

<http://www.doc.panasonic.de>

За контакт с оторизиран представител: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Германия

Този продукт е предназначен за използване в следните държави:

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Този продукт е предназначен за обща употреба. (Категория 3)

## Român

### Declarație de Conformitate (DoC)

Prin prezenta, societatea "Panasonic Corporation" declară că produsul este conform cu cerințele esențiale și cu alte norme corespunzătoare Directivei 1999/5/EC.

Clienții pot descărca o copie a DoC-ului original al produselor noastre R&TTE de la adresa noastră DoC din internet:

<http://www.doc.panasonic.de>

Contact la Reprezentanța autorizată: Panasonic Marketing Europe GmbH,  
Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germania

Acest produs a fost proiectat pentru a fi utilizat în următoarele țări:

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Acest produs a fost proiectat pentru clientela generală. (Categorია 3)

## Magyar

### Megfelelőségi Nyilatkozat (DoC)

Ezennel a "Panasonic Corporation" kijelenti, hogy a jelen termék kielégíti az 1999/5/EK Irányelv létfontosságú követelményeit és más vonatkozó rendelkezéseit.

A vásárlók letölthetik az R&TTE termékek eredeti DoC másolatát a DoC szerverünkről:

<http://www.doc.panasonic.de>

Forduljon a hivatalos márkaképviselethez: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Németország

A terméket az alábbi országokban való használatra szánták.

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

A terméket általános fogyasztóknak szánták. (3-as kategória)

## Íslenska

### Yfirlýsing um samræmi (DoC)

Hér með lýsir "Panasonic Corporation" því yfir að þessi vara er í samræmi við grunnkröfur og önnur viðeigandi fyrirmæli tilskipunar 1999/5/EC.

Viðskiptavinir geta hlaðið niður afruit af upprunalegu DoC varðandi R&TTE-vörur okkar af DoC-netþjónum okkar:

<http://www.doc.panasonic.de>

Samband við viðurkenndan fulltrúa: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Þýskalandi

Þessi vara er ætluð til notkunar í eftirfarandi löndum:

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Þessi vara er ætluð til almennrar notkunar. (Vöruflokkur 3)

## Gaeilge

### Dearbhú Comhréachta (DoC)

Leis seo, dearbhaíonn "Panasonic Corporation" go bhfuil an táirge seo i gcomhréir le riachtanais riachtanacha agus forálacha ábhartha eile den Treoir 1999/5/EC.

Féadfaidh custaiméirí coip dár nDearbhú Comhréachta (DoC) bunaidh dár dtáirgí R&TTE ónár bhfreastalaí um Dhearbhú Comhréachta (DoC):

<http://www.doc.panasonic.de>

Mionsonraí Teagmhála Ionadaí Údaraithe: Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, An Ghearmáin

Tá an táirge seo ceaptha chun a úsáid sna tíortha seo a leanas.

SC-HTB550EB: GB, IE

SC-HTB550EG: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK

Tá an táirge seo ceaptha don ghnáth-thomhaltóir. (Catagóir 3)



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

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

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

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

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

### For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

### [Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

### Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.



Cd

## 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, overlat service til kvalifisert servicepersonell.

#### Vekselstrømnett

- Strømuttaket må befinne seg i nærheten slik at den lett kan kobles fra uttaket umiddelbart om det oppstår problemer.

### FORSIKTIG

#### Produkt

- 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.

**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
- For further support on your product, please visit our website:  
[www.panasonic.co.uk](http://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–Thursday 9:00 a.m.–5:30 p.m.,  
Friday 9:30 a.m.–5:30 p.m. (Excluding public holidays)
- Or go on line through our Internet Accessory ordering application at [www.pas-europe.com](http://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.

### **EU**

Pursuant to at the directive 2004/108/EC, article 9(2)  
Panasonic Testing Centre  
Panasonic Marketing Europe GmbH  
Winsbergring 15, 22525 Hamburg, Germany



**Panasonic Corporation**  
**Web Site:** <http://panasonic.net>

(En)