

Panasonic®

Operating Instructions Home Theater Audio System

Model No. **SC-HTB520**



Dear customer

Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully.

Before connecting, operating or adjusting this product, please read the instructions completely.

Please keep this manual for future reference.

The illustrations shown may differ from your unit.

Included Installation Instructions

The installation work should be done by a qualified installation specialist. (⇒ 11 to 15)

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.

HDMI

VIERA
Link

EG EB GS GN

RQTX1279-1B

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE,

- DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- USE ONLY THE RECOMMENDED ACCESSORIES.
- DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION!

- DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.
- DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
- DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
- DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.

Warning

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

The socket outlet shall be installed near the equipment and easily accessible.

The mains plug of the power supply cord shall remain readily operable.

To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from AC receptacle.

(For Europe, Australia and New Zealand)

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

(For the Middle East and South East Asia)

THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

Caution for AC Mains Lead



(For the United Kingdom and Ireland)
("EB" area code model only)

(For Saudi Arabia and Kuwait)
("GS" area code model only)

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.

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

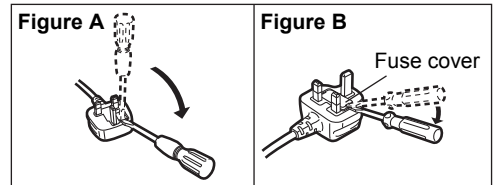
Remove the connector cover.

How to replace the fuse

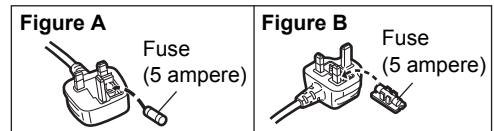
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

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.

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.

Safety precautions

Placement

Set the unit up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration. These conditions can damage the cabinet and other components, thereby shortening the unit's service life.
Do not place heavy items on the unit.

Voltage

Do not use high voltage power sources. This can overload the unit and cause a fire.
Do not use a DC power source. Check the source carefully when setting the unit up on a ship or other places where DC is used.

AC mains lead protection

Ensure the AC mains lead is connected correctly and not damaged. Poor connection and lead damage can cause fire or electric shock. Do not pull, bend, or place heavy items on the lead. Grasp the plug firmly when unplugging the lead. Pulling the AC mains lead can cause electric shock. Do not handle the plug with wet hands. This can cause electric shock.

Licenses

Manufactured under license from Dolby Laboratories. Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories.

Manufactured under license under U.S. Patent #s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending.

DTS and the Symbol are registered trademarks & DTS Digital Surround and the DTS logos are trademarks of DTS, Inc. Product includes software.

© DTS, Inc. All Rights Reserved.

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

HDAVI Control™ is a trademark of Panasonic Corporation.

"x.v.Colour" is a trademark.

Foreign matter

Do not let metal objects fall inside the unit. This can cause electric shock or malfunction.
Do not let liquids get into the unit. This can cause electric shock or malfunction. If this occurs, immediately disconnect the unit from the power supply and contact your dealer.
Do not spray insecticides onto or into the unit. They contain flammable gases which can ignite if sprayed into the unit.

Service

Do not attempt to repair this unit by yourself. If sound is interrupted, indicators fail to light, smoke appears, or any other problem that is not covered in these instructions occurs, disconnect the AC mains lead and contact your dealer or an authorised service center. Electric shock or damage to the unit can occur if the unit is repaired, disassembled or reconstructed by unqualified persons.

Extend operating life by disconnecting the unit from the power source if it is not to be used for a long time.

For customers in United Kingdom and Ireland

■ Sales and Support Information

Customer Care Centre

- For customers within the UK: 0844 844 3852
- For customers within Ireland: 01 289 8333
- Visit our website for product information www.panasonic.co.uk
- E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- For customers: 0844 844 3856
- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre
Monday-Thursday 9:00am-5:30pm, Friday 9:30am-5:30pm (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 Ltd.
- 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.

TABLE OF CONTENTS

Caution for AC Mains Lead	3
Safety precautions	4
Licenses	4

Before use

Accessories	6
Unit care	6
Control reference guide	7
This unit and active subwoofer (Front)	7
This unit and active subwoofer (Rear)	7
Remote control	8

Getting started

Step 1 Placement	9
This unit	9
The active subwoofer	10
When placing the unit on a wall	11
When placing the unit in a rack or on a table	14
Step 2 Connections	16
Connection to a TV	16
Connection from an HDMI compatible device	17
Digital transmitter connection	17
Using the IR Blaster	18
Step 3 AC mains lead connection	19
Step 4 Active subwoofer wireless connection	19

Operations

Using this unit	20
3D sound	21
Linked operations with the TV (VIERA Link "HDAVI Control™")	22

Reference


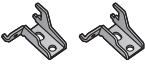




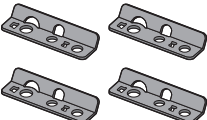
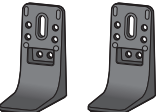



Troubleshooting	23
Remote control code	25
Audio information	25
Specifications	26

- These operation instructions are applicable to model SC-HTB520 for variety of regions.
- Unless otherwise indicated, illustrations in these Operating Instructions are of the model for the United Kingdom and Ireland.
- Operations in these instructions are described mainly with the remote control, but you can perform the operations on this unit if the controls are the same.

System	SC-HTB520
This unit	SU-HTB520
Active subwoofer (With digital transmitter)	SB-HWA520

Accessories

Check the supplied accessories before using this unit.

<input type="checkbox"/> 1 Remote control (Built-in battery) (N2QAYC000043) 	<input type="checkbox"/> 2 Wall mount brackets (RMQX1082-K) 	<input type="checkbox"/> 4 Screws (With washer×2: XYN5+J14FJK) (Without washer×2: XSN4+8FJK) 
<input type="checkbox"/> 2 AC mains leads (K2CJ2DA00010) (Australia and New Zealand) 	<input type="checkbox"/> 2 AC mains leads (K2CZ3YY00005) (United Kingdom, Ireland, Saudi Arabia and Kuwait) 	<input type="checkbox"/> 2 AC mains leads (K2CQ2CA00007) (Others) 
<input type="checkbox"/> 4 Safety holders (RFA3321-K) 	<input type="checkbox"/> 2 Stands (RYQ0853-K) 	<input type="checkbox"/> 1 Digital transmitter  <ul style="list-style-type: none"> • Supplied with the active subwoofer.
<input type="checkbox"/> 2 Rear Pads (RMG0850-K) 	<input type="checkbox"/> 1 IR Blaster (K2ZZ02C00007) 	



- Product numbers correct as of January 2011. These may be subject to change.

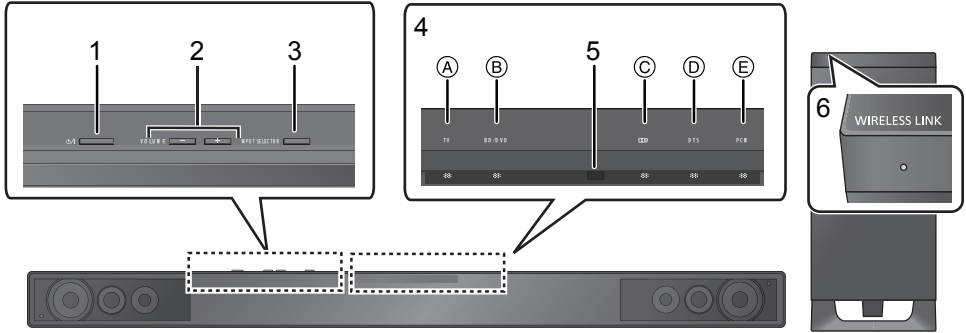
Unit care

■ Clean this unit with a soft, dry cloth

- When dirt is heavy, wring a cloth moistened in water tightly to wipe the dirt, and then wipe it with a dry cloth.
- When cleaning this unit, 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 this unit.
- Before using chemically-treated cloth, carefully read the instructions that came with the cloth.

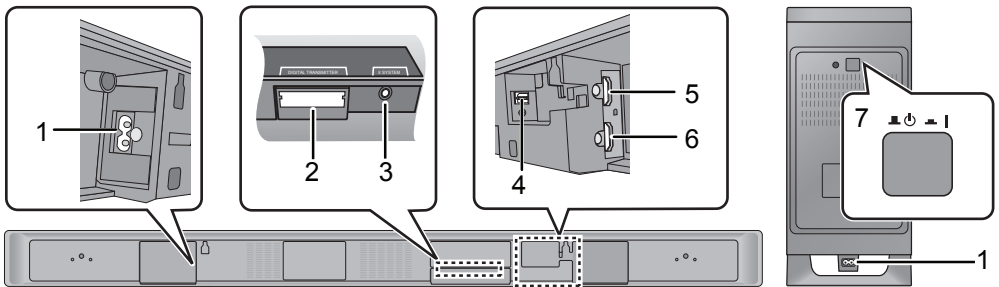
Control reference guide

This unit and active subwoofer (Front)



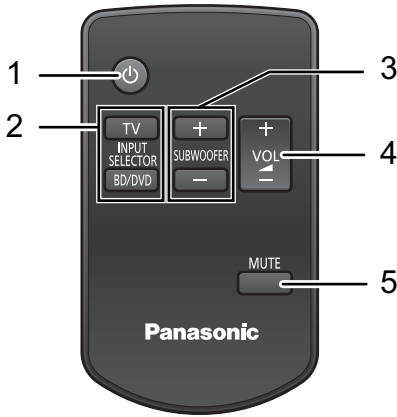
- 1 **Standby/on switch (⏻/⏻)**
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- 2 Adjust the Volume of this unit
- 3 Select the source
“TV” ↔ “BD/DVD”
 - **TV:** When the TV is the audio source (Ⓐ lights in green)
 - **BD/DVD:** When the device connected to the HDMI AV IN terminal is the audio source (Ⓑ lights in amber)
- 4 LED status indicators (⇒ 20)
 - Ⓐ TV indicator
 - Ⓑ BD/DVD indicator
 - Ⓒ Dolby Digital indicator
 - Ⓓ DTS indicator
 - Ⓔ PCM or LPCM indicator
- 5 Remote control signal sensor
Remote control operation range
Distance:
Within approx. 7 m directly in front
Angle:
Approx. 30° left and right
- 6 WIRELESS LINK indicator (⇒ 19)

This unit and active subwoofer (Rear)



- 1 AC IN terminal (⇒ 19)
- 2 Digital transmitter dock (⇒ 17)
- 3 Ir SYSTEM terminal
(Only for use with the supplied IR Blaster. (⇒ 9))
- 4 OPTICAL DIGITAL AUDIO IN terminal (⇒ 16)
- 5 HDMI AV OUT terminal (ARC compatible) (⇒ 16)
- 6 HDMI AV IN terminal (⇒ 17)
- 7 Active subwoofer on/off button

Remote control

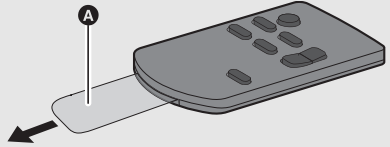


- 1 Turn this unit on or off (⇒ 20)
- 2 Select the source (⇒ 20)
 - [TV]: Select the TV as the source
 - [BD/DVD]: Select the device connected to the HDMI AV IN terminal as the source
- 3 Adjust the output level of the active subwoofer (⇒ 20)
- 4 Adjust the volume of this unit (⇒ 20)
- 5 Mute the sound (⇒ 20)

CAUTION

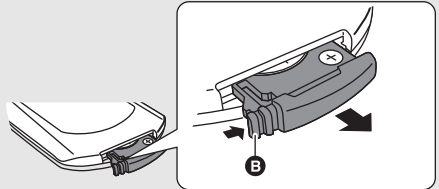
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

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

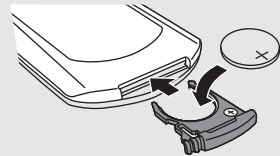


■ To replace a button-type battery

- 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 the button-type battery runs down, replace it with a new battery (part number: CR2025). The battery should normally last about 1 year, however, this depends on how frequently the unit is used.
- Do not heat or expose to flame.
- Do not leave the battery(ies) in an automobile exposed to direct sunlight for a long period of time with doors and windows closed.

Warning

Keep the Button-Type battery out of the reach of children. Never put Button-Type battery in mouth. If swallowed call your doctor.

Step 1 Placement

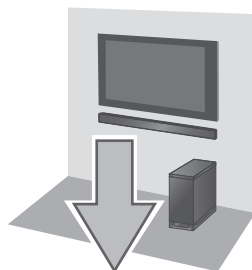
Caution

- This unit and the active subwoofer are 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 this unit to a wall using methods other than those described in this manual.

This unit

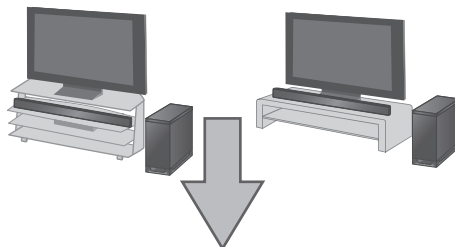
E.g.,

On the wall



Page 11
Refer to "When placing the unit on a wall"

In a rack or on a table



Page 14
Refer to "When placing the unit in a rack or on a table"

■ When placing the unit in front of the TV.

This unit 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. Depending on how this unit is placed, this unit might block the TV's remote control signal sensor.

If the stands are being used

- Change the height of the stands and/or move this unit farther away from the TV. If the TV still does not function correctly, try removing the stands.

If the stands are not used

- Move this unit farther away from the TV. If the TV still does not function correctly, try using it in a rack or in the wall mount position.



- If irregular colouring occurs on your TV, turn the TV off for about 30 minutes. If it persists, move this unit further away from the TV.
- Do not use this unit in a metal cabinet.

■ If the TV's remote control sensor is blocked by this unit.

Try using the TV's remote control from a different angle. If the problem persists, you can use the supplied IR Blaster to relay the signal to the TV. (⇒ 18)

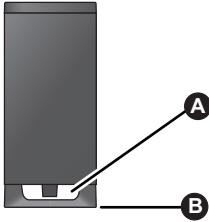
- Do not use the IR Blaster if the TV's remote control sensor is not blocked by this unit.

The active subwoofer

Place the active subwoofer approx. 30 cm away from the TV.

- If the TV is Wifi compatible, place the active subwoofer approx. 2 m away from the TV.

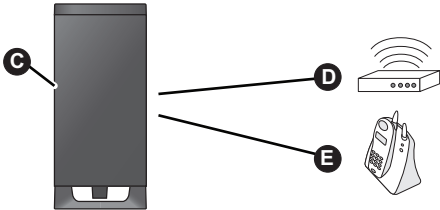
■ When carrying the active subwoofer



- A Do not hold the active subwoofer from this opening.**
The parts inside (speaker system) may be damaged.
- B Always hold the bottom of the active subwoofer when moving it.**

■ Distance with other devices

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



- C 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 this unit, and in a horizontal position with the top panel faced upward.
- To allow for proper ventilation and to maintain good airflow around the active subwoofer, position it with at least 5 cm of space on all sides.
- Do not use the active subwoofer in a metal cabinet.
- Placing the active subwoofer too close to the walls, and corners can result in excessive bass. Cover walls and windows with thick curtains.

When placing the unit on a wall

Safety Precautions

Professional installation is required.

The installation should never be done by any other than a qualified installation specialist. PANASONIC DISCLAIMS ANY PROPERTY DAMAGE AND/OR SERIOUS INJURY, INCLUDING DEATH RESULTING FROM IMPROPER INSTALLATION OR INCORRECT HANDLING.

- Be sure to install this unit as indicated within this Operating Instructions.

WARNING

Ensure that the installation location is strong enough to support long-term use.

- If its strength becomes insufficient over the course of long-term use, the unit may drop, possibly causing injury.

The installation work should be done by a qualified installation specialist.

- Incorrect installation may cause equipment to fall, and personal injury may result.

Include a safety factor when considering the strength of the proposed installation location.

- If strength is not sufficient the equipment may fall, and personal injury may result.

Do not install in a location that cannot bear the load.

- If the installation location lacks sufficient strength, the equipment may fall.

Do not modify the wall mount brackets.

- Otherwise the unit may fall and become damaged, and personal injury may result.

Install the unit by taking only the steps which are specified in these instructions: Do not install it in any other way.

- Otherwise the unit may drop and become damaged, and personal injury may result.

Do not install in a location other than a vertical wall.

- Otherwise the unit may drop and become damaged, and personal injury may result.

CAUTION

Do not install in any locations subject to humidity, dust, smoke, steam or heat or under an air conditioner where water may drip onto the unit.

- This may have an adverse effect on the unit and cause fire or electric shock.

Leave a clearance between the rear panel and the wall.

- The unit has air ventilation holes at the front and rear. Covering these may result in a fire.

Install the mounting screws and power cable in such a way that they will not make contact with metal objects or wiring inside the wall.

- Electric shocks may result from contact with any metal objects inside the wall.

For installation, use the special-purpose constituent parts.

- Otherwise, the unit may fall off the wall, and personal injury may result.

When removing this unit, remove the wall mounting screws as well.

- Otherwise the mounting screws may get caught and personal injury may result.

To operate this unit safely, install it at an appropriate height.

- Otherwise the unit may fall, and personal injury may result.

Preparation

Commercially available components (not supplied)

- Screws for wall mounting × 6
 - Use commercially available screws with a nominal diameter of 4.0 mm that are suited to the wall material (wood, steel frame, concrete etc.) you are attaching the wall mount brackets to.
- Fall prevention cord × 2
- Screw eyes (to attach the fall prevention cord) × 2
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.
- Take sufficient care to ensure safety around you when performing the assembly and installation work or while moving about during the course of the work.
- Attach using techniques suited to the structure and materials of the installation location.
- Ensure that there are no electrical cables or pipes in the wall before hanging this unit.

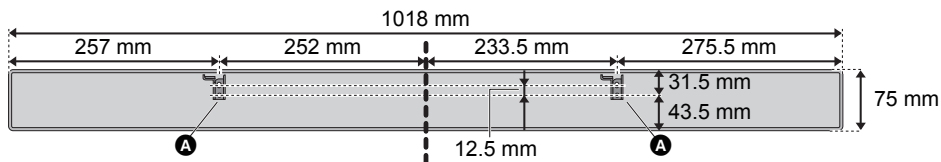


- To ensure correct unit performance and prevent trouble, do not install at any of the following locations:
 - Near sprinklers or fire/smoke detectors
 - Where there is a risk of exposure to vibration or impact
 - Near high-voltage wires or dynamic power supplies
 - Near sources of magnetism, heat, water vapour or soot
 - Locations exposed to air blown from heating equipment

- Where droplets of condensation from an air conditioner or another unit may form.
- Do not hold this unit in one hand to avoid injury by dropping this unit when carrying.
- When screwing down the parts, ensure that the screws are neither insufficiently tightened nor over tightened.
- Improper attachment may result in damage to the wall and this unit.

1 Use the measurements indicated below to identify the screwing positions on the wall.

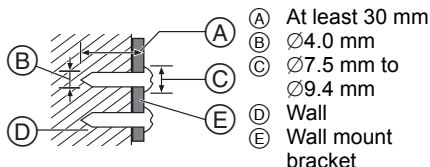
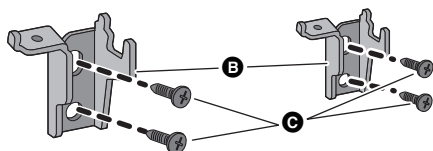
- Position the unit with at least 50 mm of space above the unit. If not, it may not be possible to access the buttons on this unit.



- A** Wall mount bracket

2 Attach the wall mount brackets to the wall.

- 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.
- Be sure to use a spirit level to ensure that both screwing positions are horizontal to each other.
- Keep the screws out of reach of children to prevent swallowing.
- Keep the wall mount brackets out of reach of children to prevent swallowing.



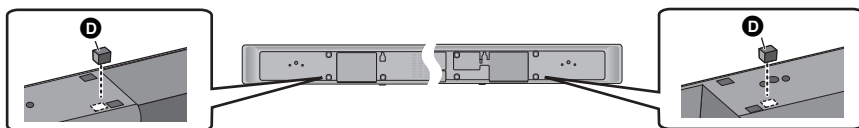
- B** Wall mount bracket (supplied)
- C** Screws (not supplied)

3 Complete all the necessary connections to this unit. (⇒ 16 to 19)

- Connect the AC mains lead cord to this unit, but do not connect it to the household mains socket until the installation is completed.

4 Attach the rear pads to the rear of the unit.

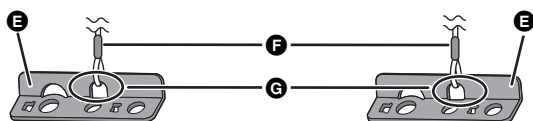
- Keep the rear pads out of reach of children to prevent swallowing.



- D** Rear pads (supplied)

5 Attach a cord (not supplied) to 2 safety holders.

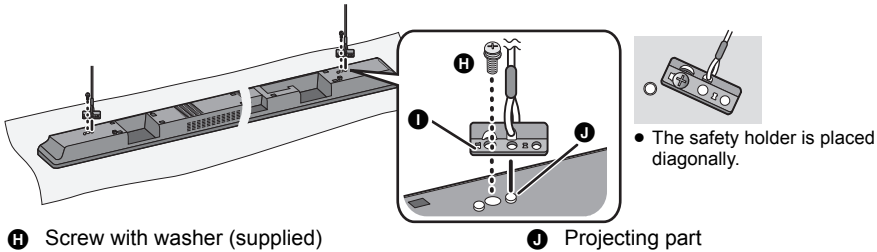
- Use a cord which is capable of supporting over 33 kg.
- Keep the safety holders out of reach of children to prevent swallowing.



- E** Safety holder (supplied)
- F** Cord (not supplied)
- G** Thread a cord through the holes. Refer to the Operating Instructions of the cord for details.

6 Adjust the safety holder with the cord attached (⇒ 12), to fit the projecting parts and screw the safety holder firmly into place.

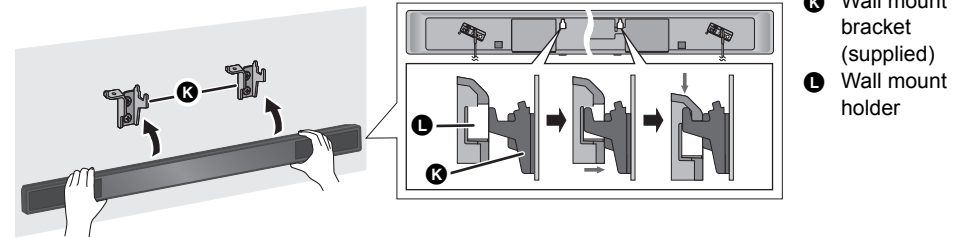
- Screw tightening torque: 80 N•cm to 120 N•cm.
- The safety holder is to minimize the possibility of damage and harm, but it does not guarantee this effect.
- Keep the safety holders out of reach of children to prevent swallowing.
- Keep the screws out of reach of children to prevent swallowing.



- H** Screw with washer (supplied)
- I** Safety holder (supplied)

J Projecting part

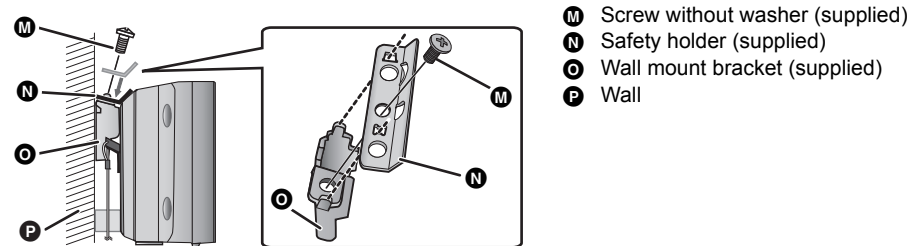
7 Attach this unit to the wall mount bracket.



- K** Wall mount bracket (supplied)
- L** Wall mount holder

8 Screw the safety holder onto the wall mount brackets.

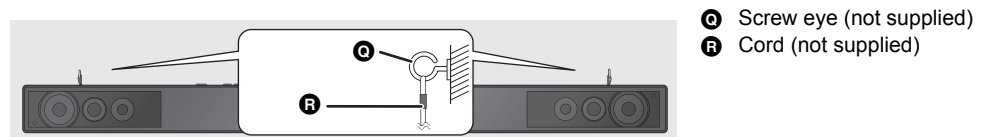
- Screw tightening torque: 80 N•cm to 120 N•cm.
- The safety holders are designed to prevent the unit from falling off the wall mount bracket.
- Keep the screws out of reach of children to prevent swallowing.
- Keep the safety holders out of reach of children to prevent swallowing.



- M** Screw without washer (supplied)
- N** Safety holder (supplied)
- O** Wall mount bracket (supplied)
- P** Wall

9 Attach the cord to a wall with a screw (not supplied).

- Make sure that the slack is minimal.
- Keep the screws out of reach of children to prevent swallowing.
- Check the strength of the installation location. The position in the wall where the screw is to be attached should be capable of supporting over 33 kg. If the strength at any of these positions is lacking, provide sufficient reinforcement.



- Q** Screw eye (not supplied)
- R** Cord (not supplied)

When placing the unit in a rack or on a table

Follow the safety measure to prevent the unit from falling.

The installation should never be done by any other than a qualified installation specialist.

Preparation

Commercially available components (not supplied)

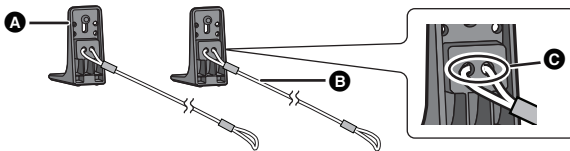
- Fall prevention cord..... × 2
- Screws to attach fall prevention cord to wall..... × 2
- To prevent damage or scratches, lay down a soft cloth and perform the assembly on it.



- Do not hold this unit in one hand to avoid injury by dropping this unit when carrying.

When the supplied leg stands are used

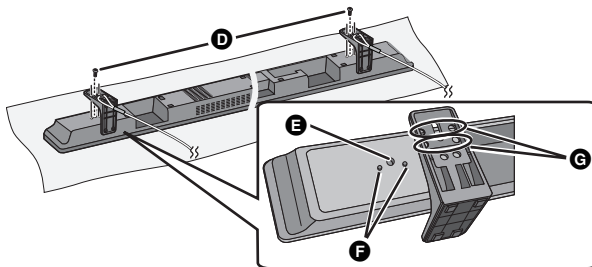
1 Attach a cord (not supplied) to the stand.



- A** Stand (supplied)
- B** Cord (not supplied)
- C** Thread a cord through the holes. Refer to the Operating Instructions of the cord for details.

2 Place the stand by aligning the holes in the stand with the projecting parts **F**.

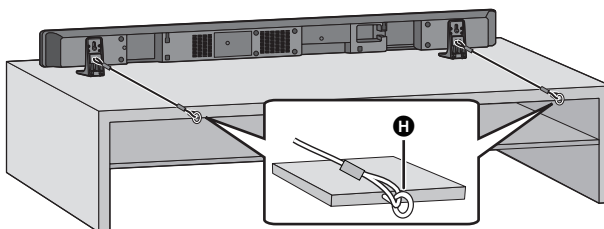
- Screw tightening torque: 80 N•cm to 120 N•cm.
- Keep the screws out of reach of children to prevent swallowing.



- D** Screw with washer (supplied)
- E** Screw hole
- F** Projecting part
- G** Height adjustment holes
 - By changing the position that the stand is attached to the projecting parts, the height can be adjusted by 10 mm.

3 Place the unit in the desired position and attach each cord onto the rack or table.

- Make sure that the slack is minimal.
- Keep the screws out of reach of children to prevent swallowing.

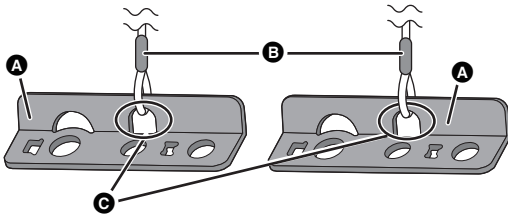


- H** Screw eye (not supplied)
 - Depending on the placement of the unit, the screwing position of the screw eye may differ.

When the supplied leg stands are not used

1 Attach a cord (not supplied) to 2 safety holders.

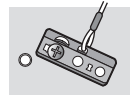
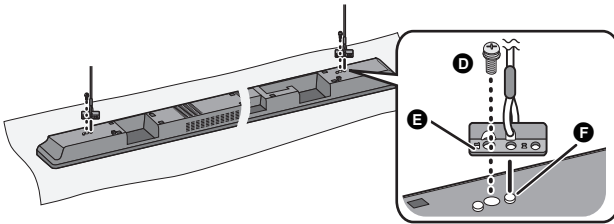
- Keep the safety holders out of reach of children to prevent swallowing.
- Keep the remaining 2 safety holders for later use.



- A** Safety holder (supplied)
 - B** Cord (not supplied)
 - C** Thread a cord through the holes.
- Refer to the Operating Instructions of the cord for details.

2 Adjust the safety holder with the cord attached (⇒ above), to fit the projecting parts and screw the safety holder firmly into place.

- Screw tightening torque: 80 N•cm to 120 N•cm.
- The safety holder is to minimize the possibility of damage and harm, but it does not guarantee this effect.
- Keep the safety holders out of reach of children to prevent swallowing.
- Keep the screws out of reach of children to prevent swallowing.



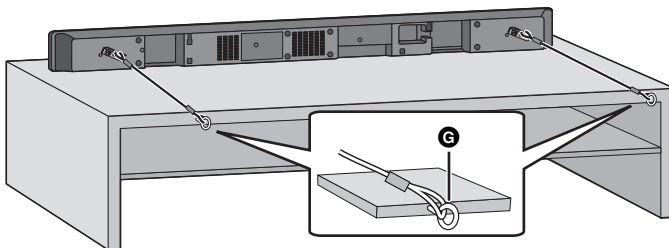
- The safety holder is placed diagonally.

- D** Screw with washer (supplied)
- E** Safety holder (supplied)

- F** Projecting part

3 Place the unit in the desired position and attach each cord onto the rack or table.

- Make sure that the slack is minimal.
- Keep the screws out of reach of children to prevent swallowing.



- G** Screw eye (not supplied)
 - Attach at a position capable of supporting over 33 kg.
 - Depending on the placement of the unit, the screwing position of the screw eye may differ.

Step 2 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” (⇒ 22) when used with a compatible Panasonic TV.

● Use High Speed HDMI Cables that have the HDMI logo (as shown on the cover). It is recommended that you use Panasonic’s HDMI cable.

Recommended part number:

RP-CDHS15 (1.5 m), RP-CDHS30 (3.0 m), RP-CDHS50 (5.0 m), etc.

● Non-HDMI-compliant cables cannot be utilised.

Connection to a TV

■ Verify if the TV’s HDMI terminal is labeled “HDMI (ARC)”.

The connection method will differ when the terminal is labeled “HDMI (ARC)” and when it is not.

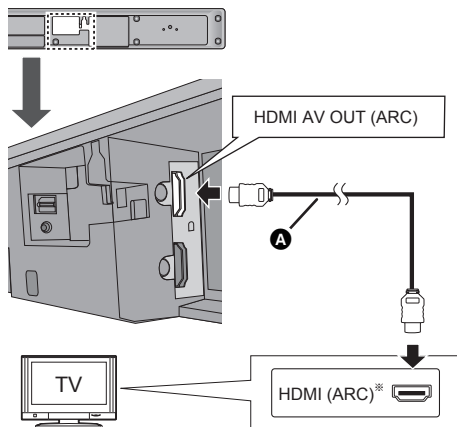
Labeled “HDMI (ARC)”: Method **(A)**

Not labeled “HDMI (ARC)”: Method **(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 unit to the terminal labeled “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.

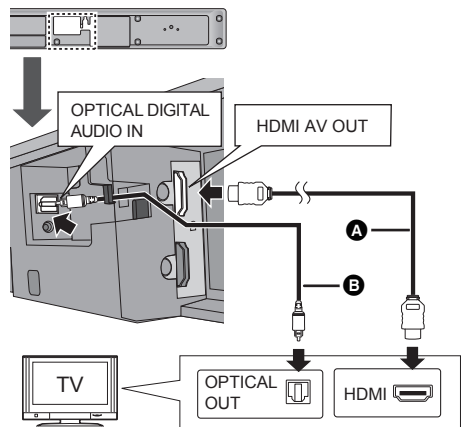
(A) Labeled “HDMI (ARC)”



(A) HDMI cable (not supplied)

* Be sure to connect to the TV’s ARC compatible terminal. (Refer to the Operating Instructions for the TV.)

(B) Not labeled “HDMI (ARC)”



(A) HDMI cable (not supplied)

(B) Optical digital audio cable (not supplied)

● Be sure to place the cable under the projecting part.



● The optical digital audio cable connection is needed when the HDMI cable is connected to a terminal that is not labeled “HDMI (ARC)”.



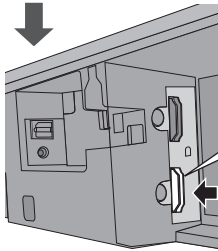
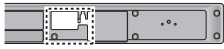
● If the connected TV is ARC compatible, but audio is not output to this unit, connect using the optical digital audio cable. (⇒ right, “(B) Not labeled “HDMI (ARC)””)

Connection from an HDMI compatible device

You can output the audio signal from the connected HDMI compatible Blu-ray player, DVD player, etc. with this unit and pass the signal through to your TV.

Preparation

- Connect this unit to the TV. (⇒ 16)



HDMI AV IN

B



A



HDMI OUT

A E.g., Blu-ray Disc Player

B HDMI cable (not supplied)



- Refer to the Operating Instructions of the connected HDMI compatible device for the necessary setting, to output the video and audio signals.

3D compatibility

Compatible with FULL HD 3D TV and Blu-ray Player

- This unit can pass through the 3D signal from a 3D compatible Blu-ray Player to a FULL HD 3D TV.

x.v.Colour™ compatibility

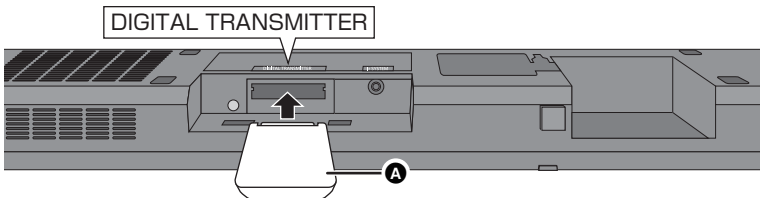
You can enjoy vivid colour of a wider colour ranges for a more realistic picture when this unit is connected to a player and TV that support x.v.Colour™ with an HDMI cable.

Deep Colour compatibility

When this unit is connected to a compatible player, this unit can pass through the reproduced greater colour gradation (4096 steps) when connected to a compatible TV. You can enjoy exceptionally rich, natural-looking colours, with smooth, detailed gradation and minimal colour banding.

Digital transmitter connection

Do not insert or remove while this unit is on.



A Digital transmitter (supplied)

Insert the digital transmitter, with the label facing down, until you hear a click.

Using the IR Blaster

With the IR Blaster connection, it is possible to send the IR signal received by this unit's remote control signal sensor to the TV's sensor.

Use the TV's remote control within this unit's remote control signal sensor's operation range.

● For the operation range, refer to page 7.

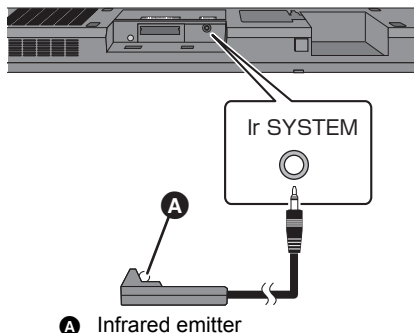
- 1 Connect the jack plug to this unit's Ir SYSTEM terminal.**
- 2 Place the infrared emitter in sight of the TV's remote control signal sensor.**
- 3 Aim the TV's remote control at this unit's remote control sensor and operate the TV.**

● For the location of the TV's remote control signal sensor, refer to the operating instructions for the TV.

● For the location of this unit's remote control signal sensor, refer to page 7.

● Make sure to clean the surface, where the adhesive tape is to be attached.

● If you peel off the adhesive tape, the surface may become damaged and exposed adhesive may remain. Once you have confirmed the TV is operating correctly, secure it by attaching the adhesive tape.



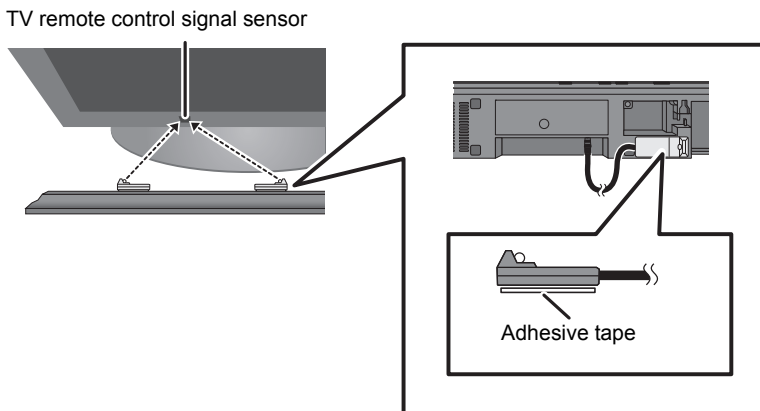
A Infrared emitter



- The supplied IR Blaster is only compatible with Panasonic TVs.
- Keep the adhesive tape out of reach of children to prevent swallowing.

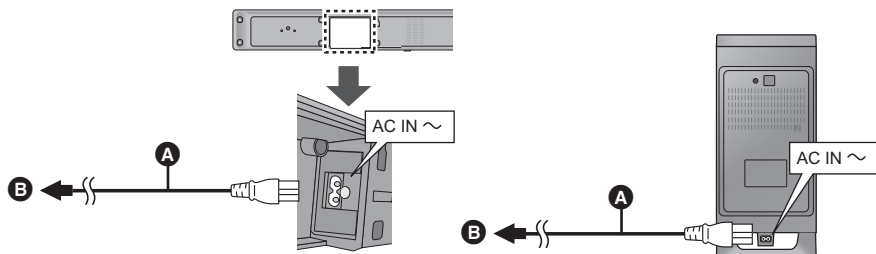
■ Placement example

On the rear of this unit:



Step 3 AC mains lead connection

- Connect only after all other connections are complete.



- A** AC mains lead (supplied)
- B** To a household mains socket

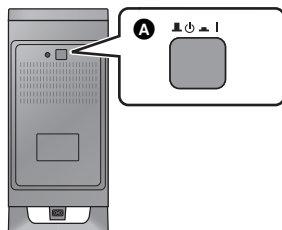
For the United Kingdom, Ireland, Saudi Arabia and Kuwait

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

- This system consumes a small amount of AC power, even when it is turned off (this unit; approx. 0.4 W, the 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.
- 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 for other equipment with this unit or the active subwoofer.

Step 4 Active subwoofer wireless connection

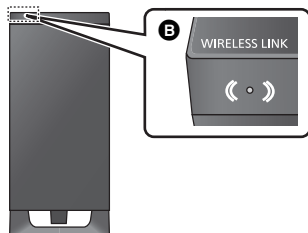
- 1 Turn on this unit.
- 2 Press [**Unit on/off** button] on the active subwoofer.



- A** Unit on/off button [**Unit on/off** button]
- Use this button to turn the unit on and off.

- Speaker icon:**
The active subwoofer is on
- Power icon:**
The active subwoofer is off

- 3 Check that the wireless link is activated.



- B** WIRELESS LINK indicator

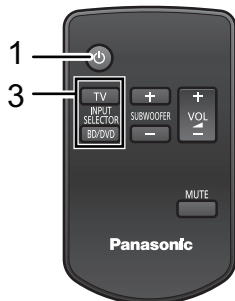
The indicator lights when the active subwoofer is turned on.

- **Red:**
The active subwoofer is on and the wireless link is deactivated
- **Green:**
The active subwoofer is on and the wireless link is activated

Using this unit

Preparation

- Turn on the TV.

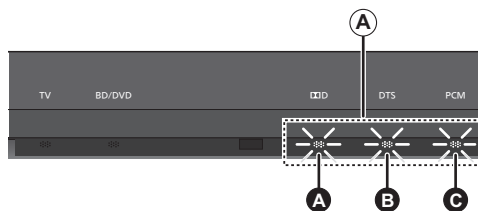


- 1 Press [] to turn on this unit.**
- 2 Press [] on the active subwoofer to turn it on.**
 - Make sure the wireless link indicator lights green. (⇒ 19)
- 3 Press [TV] or [BD/DVD] to select the audio source. (⇒ 7)**
 - If you have selected [BD/DVD], make sure to select the TV's input channel for this unit and start the playback.



- If there is sound coming out of the TV's speakers, reduce the volume of the TV to its minimum.
- The maximum volume of the TV and this unit may be different.
- If this unit is turned off with the volume setting in the greater half (above 50), this unit will automatically lower the volume to the middle (50) when the unit is turned on. (Refer to page 24 to turn this function off.)
- Even if this unit is turned off or the TV is selected as the input source, this unit will continue to output audio or/and video from the device connected to the HDMI AV IN terminal through the HDMI AV OUT terminal.
- The volume or the subwoofer level of this unit is not displayed. The volume may be displayed on the TV if this unit is connected to a Panasonic TV capable of displaying this unit's volume setting. (⇒ 22)

If this unit does not operate as expected, return the settings to the factory preset. (⇒ 23)



To adjust the volume/ subwoofer level

Press [+ VOL -] to adjust the volume of the speakers.

- Volume range: 1 to 100

Press [+ SUBWOOFER -] to adjust the subwoofer level.

- Subwoofer levels: 1 to 4

- (A) The indicators blink from left to right (+) or from right to left (-).
- The indicators will not blink when it has reached the maximum or minimum.

To mute the sound

Press [MUTE].

- (A) The indicators blink simultaneously while muting.
- To cancel, press the button again or adjust the volume.
- Muting is cancelled if this unit is turned off.

Audio format indicator

To display the current audio format,

Press the button for the current audio source ([TV] or [BD/DVD]).

- The current audio format is indicated for 4 sec.
- (A) Lights when Dolby Digital is the audio format
- (B) Lights when DTS is the audio format
- (C) Lights when PCM or LPCM is the audio format



- The audio format status is also indicated for 4 sec if the audio format on the selected source (TV, Blu-ray Disc/DVD Player, etc.) is changed.

3D sound

This unit provides a feeling that the sound and the image are as one.

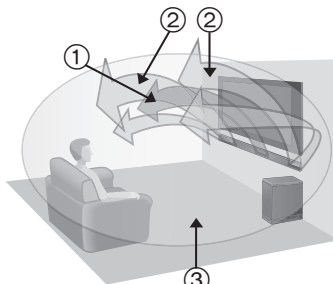
■ 3D Surround

Even though there are no surround speakers, a surround effect is obtained by the use of Dolby Virtual Speaker. Adding to this effect, Panasonic has applied its own 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.

■ Clear-mode Dialog

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 is as 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.

E.g., Image of 3D sound



- ① A clear dialog
- ② The sound and the image are as one
- ③ The feeling of being surrounded by the sound field

Playback modes

With this setting it is possible to choose between listening to the audio in 2 ch mode or with a surround effect.

The surround effect can be added to 2 ch audio source as well as multi-channel sources.

Playback mode	Audio source	Surround effect
Surround output mode A *1	2 ch/Multi-channel	○
Auto output mode B *2	2 ch	—
	Multi-channel	○
2 ch output mode C	2 ch/Multi-channel	—

*1 A surround effect is added when the audio source is multi-channel audio.

*2 The surround output mode indicator also blinks when the audio source is multi-channel during Auto Output Mode.

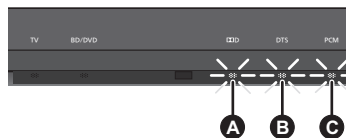
■ To change the playback mode

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.



It is possible to turn off the 3D sound and only use the Dolby Virtual Speaker effect.

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

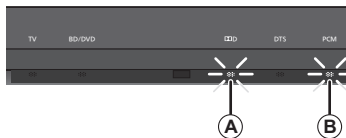
- The indicator for the current setting blinks for 10 sec.

(A): 3D sound is "On"

(B): 3D sound is "Off"

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

- The setting changes each time [TV] is pressed.
- The setting will be reset to "On" when this unit is turned off.



- When using the optical digital audio cable, the surround effect and Dolby Virtual Speaker will be automatically 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. (⇒ 16, 17)
- 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*1.
 - Set the default speaker settings to this unit*2.
 - Set the speaker selection settings to this unit.
- ④ Turn on all “HDAVI Control” compatible equipment and select this unit’s input channel on the connected TV so that the “HDAVI Control” function works properly.
- ⑤ If a device is connected to the HDMI AV IN terminal, start play to check that the image is displayed 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 unit as the default speaker will automatically change the speaker selection to this unit.



- 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 December, 2010) 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.
- Be sure to set the digital audio output settings to be compatible with this unit. (⇒ 25)

What you can do with “HDAVI Control”

- To make sure that the audio is output from this unit’s speakers, select “Home Cinema” using the TV’s remote control to turn this unit 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 unit or the TV speakers by using the TV menu settings.

Home Cinema

This unit’s speakers are active.

- When this unit is in standby mode, changing the TV speakers to this unit in the TV menu will automatically turn this unit on and select “TV” as the source.
- You can control the volume setting using the Volume or Mute button on the TV remote control.
- If you turn off this unit, TV speakers will be automatically activated.

TV

TV speakers are active.

- The volume of this unit is set to its minimum.



- If the TV is compatible to VIERA Link “HDAVI Control 4 or later” the audio will automatically be output from this unit.

■ Automatic input switching

When the following operations are performed, this unit will automatically turn on* and change the input channel to the corresponding source.

- When play starts on an HDMI connected device.
- When the input channel on the TV is changed.

* Only when speaker output is set to this unit.



- If “Power off link” is activated on the TV, this unit will turn off when the TV is turned off.

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

Delay between audio and video is automatically adjusted, 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”. When the delay information cannot be retrieved, the audio delay is set to 40 ms.

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 this unit is on, press [⏪/I] on this unit for more than 4 sec.

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

If this unit does not operate as expected, return the settings to the factory preset.

General operation

No power.

- Insert the AC mains lead securely. (⇒ 19)
- After turning this unit on, if the indicators blink and this 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. (⇒ 8)
- It is possible that the insulation sheet has not been removed. Remove the insulation sheet. (⇒ 8)
- It may be necessary to set the code of the remote control again after changing the battery of the remote control. (⇒ 25)

The “TV” indicator blinks, but there is no sound.

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

The **[D]**, **DTS**, **PCM** indicators blink for 10 sec and then turn off.

- Are you changing the playback mode settings? (⇒ 21)
- Are you changing the 3D sound settings? (⇒ 21)
- Are you changing the audio output settings? (⇒ 24)

Power of this unit is turned off when the input for the TV is changed.

This is a normal feature when using VIERA Link (HDAVI Control 4 or later). For details please read the Operating Instructions for the TV.

HDMI

This unit does not operate correctly.

If the HDMI cable is connected to the wrong terminal (HDMI AV IN or HDMI AV OUT), this unit will not operate correctly. Turn this unit off, disconnect the AC mains lead and reconnect the HDMI cable(s). (⇒ 16, 17)

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?
- 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 and turn it on again. For details refer to the Operating Instructions for the TV.
 - While this unit and the TV are connected with the HDMI cable, turn on the TV and then remove this unit’s AC mains lead cord 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”.

If operations become unstable when connected to a non-Panasonic HDMI compatible device, connect using an optical digital audio cable. (⇒ 16)

Turn VIERA Link off.

- ① Press and hold [MUTE] on the remote control and [VOLUME -] on this unit for more than 2 sec.
 - The setting is changed when the **[D]**, **DTS** and **PCM** indicators blink.
- ② After the setting has changed, turn off and then on all the connected devices.
 - To reset the setting, return to the factory preset. (⇒ left)
 - When VIERA Link is turned off the ARC function is not available. Be sure to connect the optical digital audio cable. (⇒ 16)

Sound

No sound (or image).

- Turn muting off. (⇒ 20)
- Check the connections to the other devices. (⇒ 16, 17)
- Make sure that the received audio signal is compatible with this unit. (⇒ 25)
- Turn this unit off and then on again.
- If this unit is connected to the TV with an HDMI cable. Make sure that the TV's HDMI terminal is labeled "HDMI (ARC)". If not, connect using the optical digital audio cable. (⇒ 16)
- If this unit is connected to a Panasonic TV and this unit is turned on using the button on this unit or the remote control, sound might not be output from this unit's speakers. In this case, turn this unit on using the TV's remote control. (⇒ 16)
- If the connections are correct, there might be a problem with the cables. Reconnect the unit with different cables.
- Check the audio output settings on the connected device.
- When the **D** and DTS indicators blink and there is no audio output from this unit, turn the unit off, remove the AC mains lead and consult your dealer.
- If the BD/DVD indicator flashes and there is no audio output, try the following.
 - ① Turn the connected device off and then on.
 - ② Turn off this unit, remove the HDMI cable, then reconnect the HDMI cable and turn this unit back on.

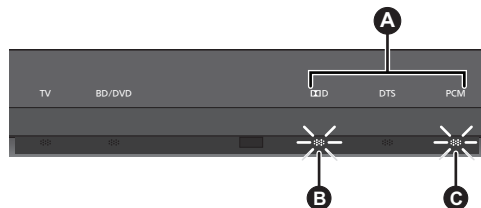
DTS audio cannot be output from this unit.

Make sure that the digital audio output setting on the connected device is set to "Bitstream".

The audio output cannot be changed from main to secondary.

If the digital output setting of TV or player is set to "Bitstream" change the audio output on this unit.

- ① Press and hold [BD/DVD] for more than 2 sec.



- ② While the indicator of the current setting is flashing, press [BD/DVD] to change the setting.

A Main and secondary

B Main

C Secondary (SAP: Secondary Audio Program)

- The setting is maintained until it is changed again.

The volume is lowered when the unit is turned on.

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

To turn off this function:

- ① Press and hold [MUTE] on the remote control and [VOLUME +] on this unit for more than 2 sec.
- The setting is changed when the **D**, DTS and PCM indicators blink.
 - To reset the setting, return to the factory preset. (⇒ 23)

The audio from the TV is distorted.

Change the TV's digital audio output settings to "Bitstream".

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

This unit has a function to make the dialog stand out when the volume is low.

To turn off this function:

- ① Press and hold [TV] on the remote control and [VOLUME -] on this unit for more than 2 sec.
- The setting is changed when the **D**, DTS and PCM indicators blink.
 - To reset the setting, return to the factory preset. (⇒ 23)

There is no audio.

This unit turns off automatically.

(When this unit detects a problem, a safety measure is activated and this 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 unit placed in an extremely hot place?
If so, move the unit to a cooler place and wait a few moments and then try to turn it on again.
- If the problem persists, turn the unit off and remove the AC mains lead cord and consult your dealer. Please be sure to remember the indicators that were blinking and inform the dealer.

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. (⇒ 19)

The wireless link indicator lights red.

- There is no link between this unit and the active subwoofer.
 - Check that this unit is turned on.
 - Ensure that the digital transmitter is fully inserted into the digital transmitter dock on this unit. (⇒ 17)
 - Turn the active subwoofer off and then back on. Alternatively, turn the active subwoofer off, disconnect the AC mains lead and then reconnect it.
- Consult your dealer if the problem persists.

The audio from the subwoofer is interrupted.

The active subwoofer is automatically seeking a clear channel. If the interference persists, try moving the other wireless devices to another location outside the range of the active subwoofer or move the active subwoofer nearer to this unit. (⇒ 10)

The wireless link indicator lights red and green alternately.

Turn the subwoofer off, disconnect the AC supply cord and then reconnect it. Consult your dealer if the problem persists.

Remote control code

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

Preparation

- Turn off all other Panasonic products.
- Turn on this unit.

Change the remote control to code 2:

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



A will blink for 10 sec when the code of this unit is changed.



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

Audio information

Compatible audio formats

This unit is compatible with the following formats:
Dolby Digital, DTS Digital Surround, 2-channel LPCM and multi-channel LPCM.

Specifications

GENERAL

Power consumption:

This unit: 30 W
Active subwoofer: 23 W
Digital transmitter: 1.2 W

Power consumption in standby mode:

This unit: Approx. 0.4 W
Active subwoofer: Approx. 0.2 W

Power supply:

(For Europe, Australia and New Zealand)

This unit: AC 220 V to 240 V, 50 Hz
Active subwoofer: AC 220 V to 240 V, 50 Hz

(For the Middle East and South East Asia)

This unit: AC 110 V to 240 V, 50/60 Hz
Active subwoofer: AC 110 V to 240 V,
50/60 Hz

Dimensions (W×H×D):

This unit

(Excluding projecting parts)

1018 mm×75 mm×44 mm

(With safety holder)

1018 mm×77 mm×52 mm

(With stands (Low))

1018 mm×95 mm×75 mm

(With stands (High))

1018 mm×105 mm×75 mm

Active subwoofer

180 mm×408 mm×306 mm

Digital transmitter

43.5 mm×37.3 mm×8.2 mm

Mass:

This unit

(Without accessories)

Approx. 2.5 kg

(With safety holder)

Approx. 2.6 kg

(With stands)

Approx. 2.6 kg

Active subwoofer

Approx. 5.2 kg

Digital transmitter

Approx. 0.0095 kg

Operating temperature range:

0 °C to +40 °C

Operating humidity range:

20 % to 80 % RH (no condensation)

SPEAKER SECTION

FRONT SPEAKERS (BUILT-IN)

Type: 2 way, 2 speaker system (Bass Reflex)

Woofers: 6.5 cm Cone type×2

Tweeter: 2.5 cm Semi-dome type×2

ACTIVE SUBWOOFER

Type: 1 way, 1 speaker system (Bass Reflex)

Woofers: 16 cm Cone type

Frequency range: 30 Hz to 180 Hz (−16 dB)

35 Hz to 160 Hz (−10 dB)

AMPLIFIER SECTION

RMS Output Power: Dolby Digital Mode

Front ch: 60 W per channel (4 Ω,
1 kHz, 10 % THD)

Subwoofer ch: 120 W per channel (8 Ω,
100 Hz, 10 % THD)

Total RMS Dolby Digital mode power: 240 W

(For the Middle East and South East Asia)

PMPO Output Power: 2100 W

WIRELESS SECTION

Wireless module

Frequency Range: 2.4 GHz to 2.4835 GHz

Number of channels: 3

TERMINAL SECTION

HDAVI Control

This unit supports "HDAVI Control 5" function.

HDMI AV input

Terminal: 19-pin type A connector

HDMI AV output

Terminal: 19-pin type A connector

Digital audio input (TV only)

Optical digital input: Optical terminal

Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz

Audio Format: LPCM, Dolby Digital,
DTS Digital Surround

IR Blaster

Terminal Type: 3.5 mm jack



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

2 Total harmonic distortion is measured by a digital spectrum analyzer.

CE11770

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-HTB520EB: GB, IE

SC-HTB520EG: 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.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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

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.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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

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 Directriz 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-HTB520EB: GB, IE

SC-HTB520EG: 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)

Lietuviškai

Atitikties deklaracija (AD)

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>

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

Šis gaminyš skirtas naudoti toliau išvardytose valstybėse.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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 gaminyš skirtas bendrajam vartojimui. (3 kategorija.)

Slovensky

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>

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

Ta izdelek je namenjen uporabi v naslednjih državah:

SC-HTB520EB: GB, IE

SC-HTB520EG: 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

Izdelek je namenjen splošni uporabi. (Razred 3)

Malti

Dikjarazzjoni ta' Konformità (DoC)

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

Il-konsumaturij 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 intż għall-użu fil-pajjiżi li ġejjin.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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 intż għall-konsumatur ġenerali. (Kategorija 3)

Slovensky

Vyhľadanie 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:

SC-HTB520EB: GB, IE

SC-HTB520EG: 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

Tento produkt je určený pre všeobecného spotrebiteľa. (Kategoría 3)

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:

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

Kontakt vår autoriserte representant: Panasonic Marketing Europe GmbH,
Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Tyskland

Utstyret er ment til bruk i følgende land.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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

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.

Kliendid saavad koopia meie R&TTE toodetele kehtiva originaalvastavusdeklaratsiooni koopia alla laadida meie DoC-serverist:

<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.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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 izstrādājuma 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 lietots šādās valstīs.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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 копия от оригиналните DoC към нашите продукти от типа R&TTE от сървъра, на който се съхраняват DoC:

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

За контакт с авторизиран представител: Panasonic Marketing Europe GmbH,
Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Германия

Този продукт е предназначен за използване в следните държави:

SC-HTB520EB: GB, IE

SC-HTB520EG: 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)

Román

Declarăție 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-HTB520EB: GB, IE

SC-HTB520EG: 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. (Categoriea 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-HTB520EB: GB, IE

SC-HTB520EG: 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 afriti 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-HTB520EB: GB, IE

SC-HTB520EG: 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. (Vörflokkur 3)

Gaeilge

Dearbhú Comhréireachta (DoC)

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

Féadfaidh custaiméirí cóip dár nDearbhú Comhréireachta (DoC) bunaighd dár dtáirgí R&TTE ónár bhfeastalái uDhearbhú Comhréireachta (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 tairge seo ceaptha chun a úsáid sna tíortha seo a leanas.

SC-HTB520EB: GB, IE

SC-HTB520EG: 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 tairge seo ceaptha don ghnáth-thomhaltóir. (Catagóir 3)

DECLARATION OF CONFORMITY 017802

Document No. AVSG-A11113-01

Manufacturer's Name & Address

Panasonic AVC Networks Singapore Pte. Ltd.
202 Bedok, South Avenue 1, Singapore 469332, The Republic of Singapore
for factory
Panasonic AVC Networks Johor Malaysia Sdn Bhd
IE, PLO 460, Jalan Bandar, 81700 Pasir Gudang, Johor, Malaysia

Object of the declaration

<A>

Product Name : Home Theater Audio System
Trade Name : Panasonic
Model No(s) : SC-HTB520 (SU-HTB520, SB-HWA520)

The object of the declaration described above is in conformity with the requirements of the following EU legislations and harmonized standards:

EU Directives : 2006/95/EC (Low Voltage Directive)
2004/108/EC (EMC Directive)
2009/125/EC (ErP Council Directive)
1999/5/EC (R&TTE Directive)

Commission Regulation (EC) No. 1275/2008 (Implementing Measure for ErP Directive)


EN Standards : EN 55013:2001 + A1:2003 + A2:2006, EN 55020:2007, <C>
EN 61000-3-2:2006 + A2: 2009, EN 61000-3-3:2008
EN 60065:2002 + A1:2006 + A11:2008, EN 62311:2008
EN 301489-1 V1.8 :2008, EN301489-17 V2.1.1 :2009
EN 300328 V1.7.1 :2006

Additional information:

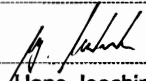
Year when CE mark has been affixed the first time: 11. In this case 11, two digits for the year 2011. <D>

Remark: For translation refer to rear side

Signed for and on behalf of:

(Signature) : 
(Printed name) : Mr. Aoki Kazuhiro / Director
Date of issue : 01 FEB 2011

Authorized Representative:

(Date) : 01. Feb. 2011
(Signature) : 
(Printed Name) : Hans-Joachim Habeck
(Company Name) : Panasonic Testing Centre
Panasonic Marketing Europe GmbH.
(Address) : Winsbergring 15, 22525 Hamburg, Germany

Panasonic AVC Networks Singapore Pte. Ltd.
202, Bedok South Avenue 1, Singapore 469332

(German)

Das oben beschriebene Objekt <A> entspricht den Anforderungen der nachfolgend aufgeführten EU-Vorgaben und den harmonisierten Normen <C>. Das Produkt entspricht außerdem den EU-Direktiven <D>.

(French)

L'objet de la déclaration décrite ci-dessus <A> est conforme aux conditions stipulées dans les législations de l'Union européenne énoncées ci-après et aux normes harmonisées <C>.

Ce produit est également conforme aux directives du Conseil européen <D>.

(Spanish)

Se confirma la conformidad del objeto de la declaración descrita bajo <A> con los requerimientos de las siguientes regulaciones CE y estándares armonizados <C>. Así mismo, el producto cumple las Directivas del Consejo <D>

(Italian)

L'oggetto <A> della dichiarazione sopra descritto è conforme ai requisiti delle seguenti legislazioni europee e norme armonizzate <C>. Il prodotto quindi ottempera le direttive del Consiglio <D>

(Swedish)

Föremålet för den deklaration som beskrivs ovan <A> är i överensstämmelse med kraven i nedan nämnda EU-lagstiftning och harmoniserade standarder <C>. Produkten uppfyller även rådets direktiv <D>

(Dutch)

Het product van de verklaring zoals hierboven beschreven <A> is conform de vereisten van onderstaande EU-wetgeving en geharmoniseerde normen <C>. Het product voldoet daarnaast ook aan de Richtlijnen van de Raad <D>

(Norwegian)

Gjenstand for erklæringen som beskrives ovenfor <A> er i overensstemmelse med kravene ifølge EU-lovene og de harmoniserte normer <C>. Produktet tilfredsstiller også EU-rådets direktiver <D>

(Finnish)

Yllä mainitussa vaatimustenmukaisuusvakuutuksessa mainittu laite <A> täyttää EU-lainsäädäntöön sisältyvien seuraavien asetuskien sekä harmonisoitujen standardien <C> vaatimukset. Tuote täyttää myös Euroopan neuvoston direktiivit <D>.

(Danish)

Genstanden for ovennævnte erklæring <A> er i overensstemmelse med kravene i følgende EU-lovgivning og harmoniserede standarder <C>. Produktet er også i overensstemmelse med Rådets direktiver <D>

(Portuguese)

O objectivo da declaração supra descrita <A> está em conformidade com os requisitos das seguintes legislações da UE e das normas harmonizadas <C>. Além disso, o produto também observa as directivas do Conselho <D>

(Greek)

Το αντικείμενο της παρούσας Δήλωσης, το οποίο περιγράφεται στο εδάφιο <A>, ανταποκρίνεται στις απαιτήσεις των ακόλουθων, στο εδάφιο αναφερόμενων Οδηγιών της Ευρωπαϊκής Ένωσης και των εναρμονισμένων πρότυπων κανονισμών του εδαφίου <C>. Το ως άνω αντικείμενο εκπληρεί επίσης τους ισχύοντες κανονισμούς του Συμβουλίου, οι οποίοι αναφέρονται στο εδάφιο <D>.

(Hungarian)

A nyilatkozat fent említett tárgya <A> a következő EU rendeletek és harmonizált szabványok <C> követelményeivel összhangban van. A termék tehát a Tanács irányelveit <D> is teljesíti.

(Czech)

Cíl vyšše uvedeného prohlášení <A> je v souladu s požadavky následujících legislativních ustanovení EU a harmonizovanými normami <C>. Výrobek rovněž splňuje direktivy Rady <D>.

(Polish)

Przedmiot deklaracji opisany wyżej <A> jest zgodny z wymogami następujących przepisów prawnych UE i zharmonizowanych norm <C>. Produkt jest zgodny również z dyrektywami Rady Unii <D>

(Slovene)

Predmeti, opisani v deklaraciji zgoraj <A> ustrezajo zahtevam zakonodaje EU in so v skladu s pristojnimi standardi <C>. Izdelek spolnjuje zahteve pristojnih direktiv <D>.

(Slovak)

Cieľ vyššie uvedeného prehlásenia <A> je v súlade s požiadavkami nasledujúcich legislatívnych ustanovení EÚ a harmonizovanými normami <C>. Výrobok taktiež spĺňa direktívy Rady <D>.

(Estonian)

Ülalkirjeldatud deklareeritav toode <A> vastab Euroopa Ühenduse määruste ja ühtsete standardite <C> nõuetele. Samuti vastab toode Euroopa Nõukogu direktiivide <D> nõuetele.

(Latvian)

Augstākminētās deklarācijas objekts <A> atbilst šādu ES likumdošanas aktu prasībām un vienotajiem standartiem <C>. Produkts atbilst arī Padomes direktīvu prasībām <D>

(Lithuanian)

Aukščiau aprašytos deklaracijos objektas <A> atitinka šių Europos Sąjungos įstatymų reikalavimus ir suderintus standartus <C>. Produktas taip pat atitinka Tarybos direktyvas <D>

(Bulgarian)

Целта на горепосочената декларация <A> съответства на изискванията на следните законодателни актове на ЕС и хармонизираните стандарти <C>.

(Romanian)

Obiectul declarației descris mai sus <A> este în conformitate cu cerințele următoarelor legislații UE și standardele armonizate <C>

SUOMI

VAROITUS:

- VÄHENNÄ TULIPALON, SÄHKÖISKUN TAI LAITTEISTON VAHINGOITTUMISEN VAARAA
- TÄTÄ LAITETTA EI SAA ALTISTAA SATEELLE, KOSTEUELLE, ROISKEILLE TAI TIPPUVILLE NESTEILLE. LAITTEEN PÄÄLLE EI SAA MYÖSKÄÄN ASETTAA MITÄÄN NESTEELLÄ TÄYTETTYÄ ESINETTÄ, KUTEN MALJAKKOA.
 - KÄYTTÄ VAIN SUOSITELTUJA LISÄVARUSTEITA.
 - ÄLÄ IRROTA KANTTA (TAI TAUSTAA). SISÄLLÄ EI OLE KÄYTTÄJÄN HUOLLETTAVISSA OLEVIA OSIA. HUOLLON SAA SUORITTA A VAIN AMMATTITAITOINEN HENKILÖKUNTA.

VAROITUS!

- ÄLÄ ASENN A TAI LAITA TÄTÄ LAITETTA KABINETTITYYPPISEEN KIRJAKAAPPIIN TAI MUUHUN SULJETTUUN TILAAN, JOTTA TUULETUS ONNISTUISI. VARMISTA, ETTÄ VERHO TAI MIKÄÄN MUU MATERIAALI EI HUONONNA TUULETUSTA, JOTTA VÄLTETTÄISIIN YLIKUUMENEMISEST A JOHTUVA SÄHKÖISKU- TAI TULIPALOVAARA.
- ÄLÄ PEITÄ LAITTEEN TUULETUSAUKKOJA SANOMALEHDELLÄ, PÖYTÄLIINALLA, VERHOLLA TAI MUULLA VASTAAVALLA ESINEELLÄ.
- ÄLÄ ASETA PALAVAA KYNTTILÄÄ TAI MUUTA AVOTULEN LÄHDETTÄ LAITTEEN PÄÄLLE.
- HÄVITÄ PARISTOT LUONTOA VAHINGOITTAMATTOMALLA TAVALLA.

TÄMÄ LAITE ON TARKOITETTU KÄYTETTÄVÄKSI LEUDOSSA ILMASTOSSA.

Pistorasia tulee asentaa laitteen lähelle helppopääsyiseen paikkaan. Verkkojohdon pistokkeen on oltava aina helposti käytettävissä. Tämä laite voidaan kytkeä kokonaan irti verkkovirrasta irrottamalla verkkojohdon pistoke pistorasiasta.

NORSK

ADVARSEL:

- FØLG NEDENSTÅENDE INSTRUKSER FOR Å REDUSERE RISIKOEN FOR BRANN, ELEKTRISK STØT OG SKADE PÅ PRODUKTET:
- DETTE APPARATET MÅ IKKE UTSETTES FOR REGN, FUKTIGHET, DRYPP ELLER SPRUT, OG INGEN VÆSKEFYLTE GJENSTANDER, SOM F.EKS. VASER, MÅ PLOSSERES PÅ APPARATET.
 - BRUK KUN ANBEFALT TILBEHØR.
 - IKKE FJERN DEKSELET (ELLER BAKSIDEN); APPARATET INNEHOLDER INGEN DELER SOM KAN SKIFTES ELLER REPARERES AV BRUKEREN. OVERLAT TIL KVALIFISERTE SERVICETEKNIKERE Å UTFØRE SERVICE.

ADVARSEL!

- APPARATET MÅ IKKE PLOSSERES I EN BOKHYLLE, ET INNEBYGGET KABINETT ELLER ET ANNET LUKKET STED HVOR VENTILASJONSFORHOLDENE ER UTILSTREKKELIGE. SØRG FOR AT GARDINER ELLER LIGNENDE IKKE FORVERRER VENTILASJONSFORHOLDENE, SÅ RISIKO FOR ELEKTRISK SJOKK ELLER BRANN FORÅRSAKET AV OVERHETING UNNGÅS.
- APPARATETS VENTILASJONSÅPNINGER MÅ IKKE DEKKES TIL MED AVISER, BORDDUKER, GARDINER OG LIGNENDE.
- PLOSSER IKKE ÅPEN ILD, SLIK SOM LEVENDE LYS, OPPÅ APPARATET.
- BRUKTE BATTERIER MÅ KASSERES UTEN FARE FOR MILJØET.

DETTE APPARATET ER BEREGNET TIL BRUK UNDER MODERATE KLIMAFORHOLD.

Strømuttaket må befinne seg i nærheten av utstyret og være lett tilgjengelig. Støpslet på strømkabelen må være klart til bruk. Når dette apparatet skal kobles helt fra strømmettet (AC), må støpslet på strømkabelen trekkes ut av stikkkontakten.

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



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

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

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

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

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



For business users in the European Union

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

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

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



Cd

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.

