

Panasonic®

Operating Instructions Home Theater Audio System

Model No. **SC-HT17**
SC-HT15

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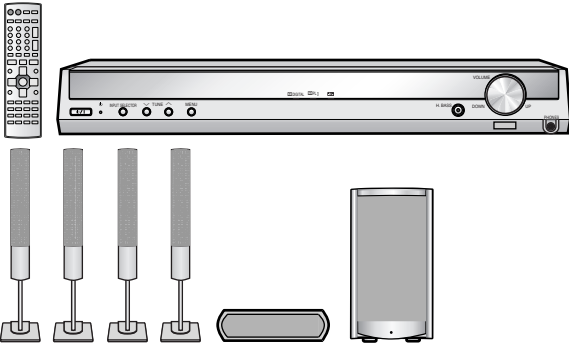
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SC-HT17 for continental Europe and the United Kingdom

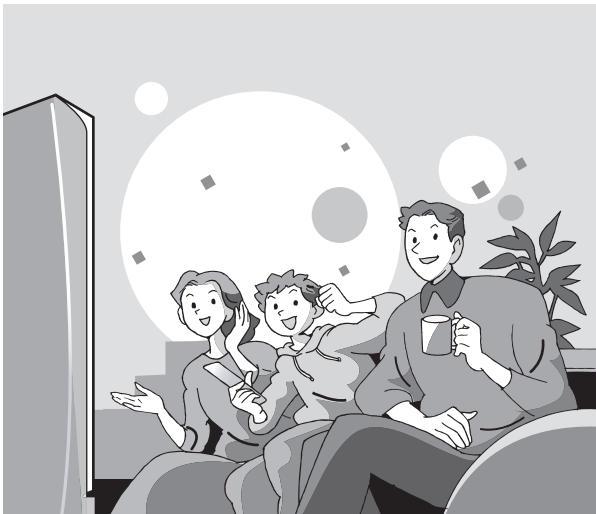
Dear customer

Thank you for purchasing this product.
Before connecting, operating or adjusting this product, please read the instructions completely.
Please keep this manual for future reference.

SC-HT17 for continental Europe and the United Kingdom is used in the illustrations unless otherwise mentioned.

Note:

"EB" on the packaging indicates the United Kingdom.



Caution for AC Mains Lead

(For United Kingdom)



("EB" 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.

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.

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

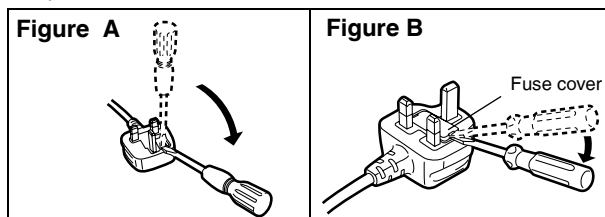
Remove the connector cover.

How to replace the fuse

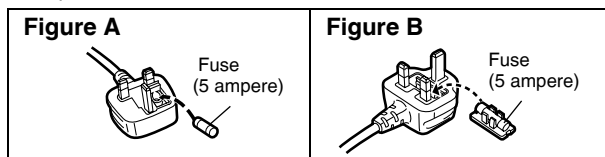
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

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.



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 place 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.

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 operating instructions occurs, disconnect the AC mains lead and contact your dealer or an authorized 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.

■ Sales and Support Information

(For the United Kingdom and the Republic of Ireland)

Customer Care Centre

- For UK customers: 08705 357357
- For the Republic of Ireland customers: 01 289 8333
- Visit our website for product information
- E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday-Friday 9:00am-5:30pm. (Excluding public holidays)
- Or go on line through our Internet Accessory ordering application at www.panasonic.co.uk
- 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.

Supplied accessories



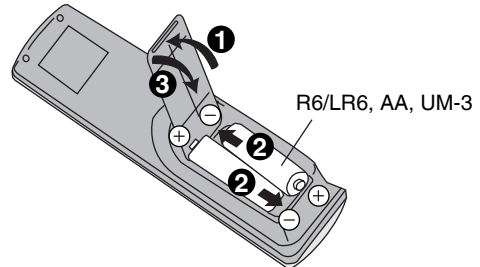
Please check and identify the supplied accessories.

- | | | | |
|--------------------------|---|-------------------------------|--|
| <input type="checkbox"/> | AC mains lead | | |
| | For the United Kingdom | For continental Europe | For Australia and New Zealand |
| | | | |
| | (RJA0053-3X) | (RJA0019-2X) | (K2CJ2DA00010) |
| <input type="checkbox"/> | System cable | | (K1HA25HA0001) |
| <input type="checkbox"/> | FM indoor antenna | | (RSA0007-L) |
| <input type="checkbox"/> | AM loop antenna | | (N1DAAAA00002) |
| <input type="checkbox"/> | Remote control transmitter | | SC-HT17
(EUR7722KL0)
SC-HT15
(EUR7722KJ0) |
| <input type="checkbox"/> | Batteries | | (x 2) |
| <input type="checkbox"/> | Speaker cable(s) | | SC-HT17
(REE1203A) (4 m x 1)
SC-HT15
(REE1203A) (4 m x 1)
(REE1203C) (10 m x 2) |
| <input type="checkbox"/> | Rubber pads (RKA0072-KJ) | | SC-HT15
 |
| <input type="checkbox"/> | Sticker sheet | | (RQCA1029) |
| <input type="checkbox"/> | Antenna plug adapter (For the United Kingdom) | | (K1YZ02000013) |
| <input type="checkbox"/> | Speaker stands | | (RYQV0060) (x 2) |
| <input type="checkbox"/> | Speaker stands with long cables | | SC-HT17
(RYQV0060A) (x 2) |
| <input type="checkbox"/> | Stand bases | | (RYQV0059-S) SC-HT17 (x 4)
SC-HT15 (x 2) |
| <input type="checkbox"/> | Screws | | SC-HT17 (XTN5+32FFN) (Large x 8)
(XTN4+8FFN) (Small x 8)
SC-HT15 (XTN5+32FFN) (Large x 4)
(XTN4+8FFN) (Small x 4) |

Use the numbers indicated in parentheses when asking for replacement parts. (As of February 2005)

System	SC-HT17	SC-HT15
Main unit	SA-HT17	SA-HT15
Front speakers	SB-FS930	SB-FS880
Surround speakers	SB-FS880	SB-FS15
Center speaker	SB-PC930	SB-PC15
Subwoofer	SB-WA17	SB-WA15

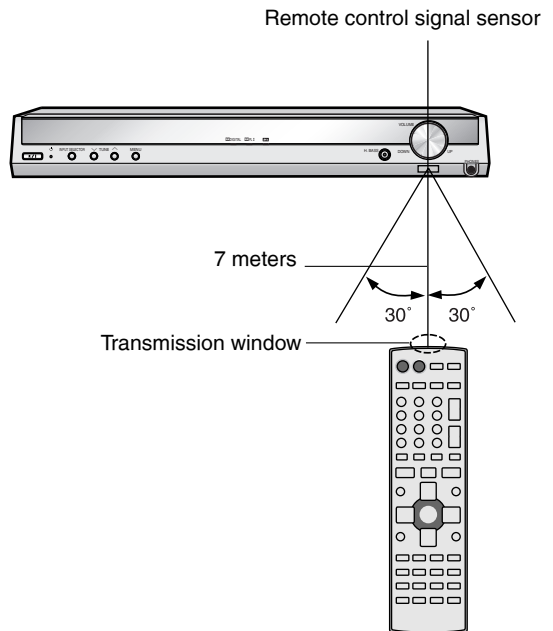
The remote control



- Insert so the poles (+ and -) match those in the remote control.
- Do not use rechargeable type batteries.

Use

Aim at the sensor, avoiding obstacles, at a maximum range of 7 m directly in front of the unit.



Note

- Keep the transmission window and the unit's sensor free from dust.
- Operation can be affected by strong light sources, such as direct sunlight, and the glass doors on cabinets.

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

"DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

Step 1

Speaker setup

Supplied accessories

Speaker stands with long cables



SC-HT17 (x 2)

Speaker stands



SC-HT17 (x 2)
SC-HT15 (x 2)

Stand bases



SC-HT17 (x 4)
SC-HT15 (x 2)

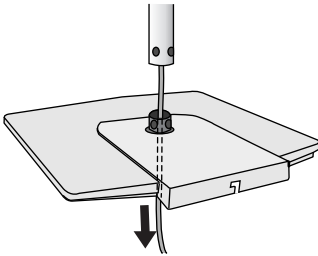
Front and surround speaker assembly

- To prevent damage or scratches, lay a soft cloth and perform assembly on it.
- For assembly, use a Phillips-head screwdriver.

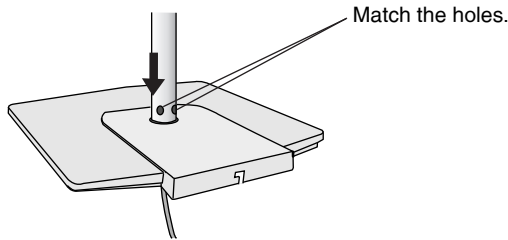
1 Attach the pipe to the base.

1 Thread the speaker cable through the base.

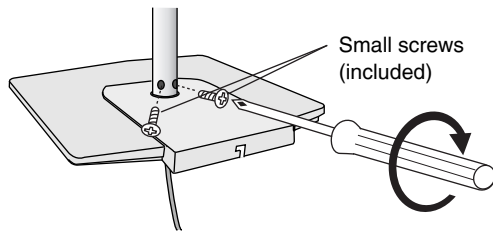
- Untie the cable before threading.



2 Insert the pipe.



3 Secure the pipe to the base.



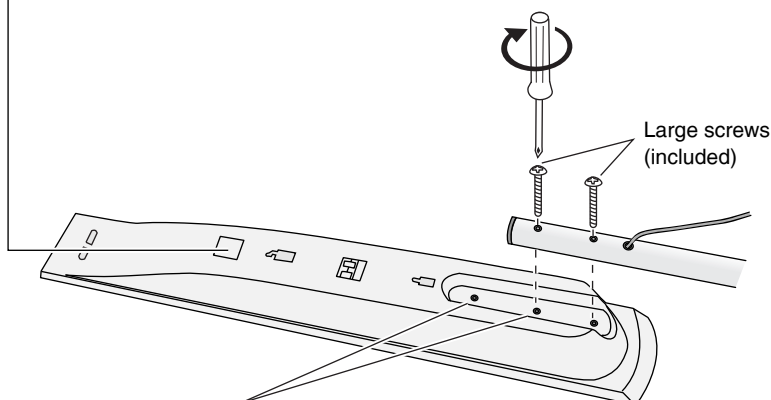
Ensure the screws are securely fastened by lightly tightening the left and right side screws alternately until fully tightened.

**The supplied stands are specially designed for use with this unit's speakers.
Only use as indicated in this setup.**

2 Attach the stand to the speaker.

SC-HT17 Before attaching, check the speaker label.

- SB-FS930: Use as front speakers. Attach the stands with the short cables.
- SB-FS880: Use as surround speakers. Attach the stands with the long cables.



You can also attach to the upper rear of the speaker.

Ensure the stand is fastened on straight by lightly tightening the top and bottom screws alternately until fully tightened.

- There is no difference between the right and left speakers.

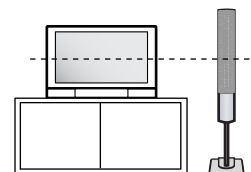
Speaker height

Front Speakers

Try to line up the middle of the speakers with the middle of the television.

Surround speakers

It is usually better to position the surround speakers a little higher.



Large screws



SC-HT17 (x 8)
SC-HT15 (x 4)

Small screws



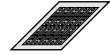
SC-HT17 (x 8)
SC-HT15 (x 4)

Speaker cable(s)



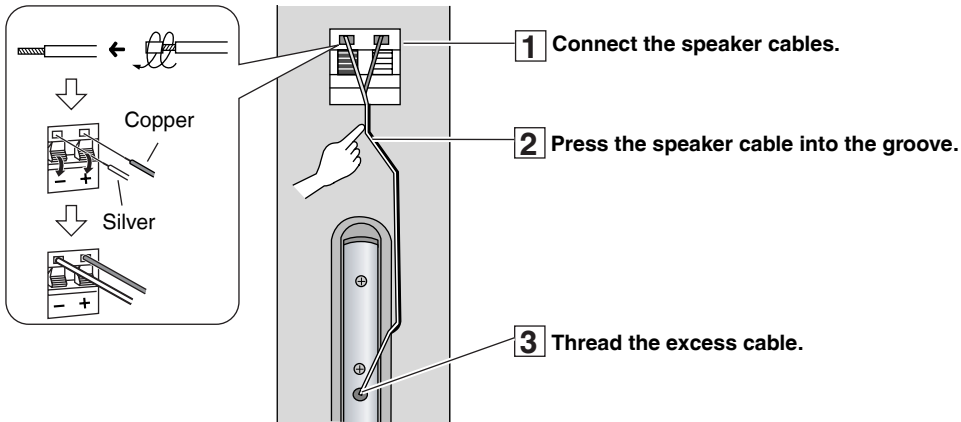
SC-HT17 (4 m x 1)
SC-HT15 (4 m x 1) (10 m x 2)

Sticker sheet

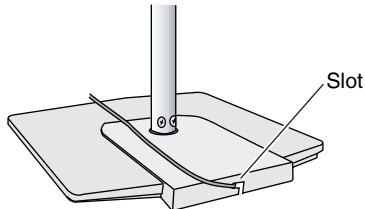


(x 1)

3 Connect the speaker cables.



4 Fasten the speaker cable to the base.



5 Attach the stickers to the speaker cables.

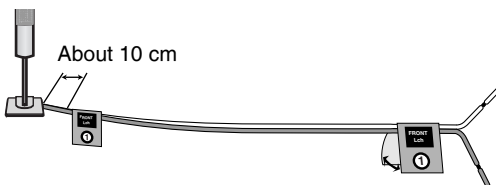


- ① Front speaker (L)
- ② Front speaker (R)
- ③ Surround speaker (L)
- ④ Surround speaker (R)
- ⑤ Center speaker

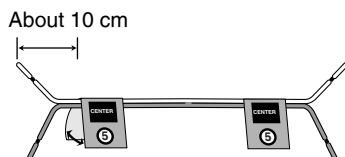
SC-HT17

Front and surround speakers

Use the speakers with long cables for the surround speakers (SB-FS880).

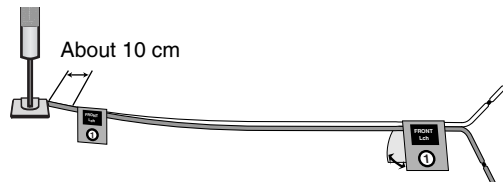


Center speaker



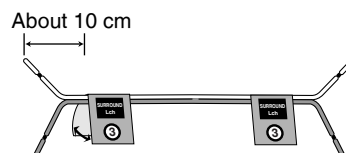
SC-HT15

Front speakers



Surround and center speakers

Use the long speaker cables for the surround speakers (SB-FS15).



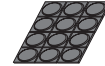
Speaker setup

Supplied accessories

Rubber pads



SC-HT17



SC-HT15

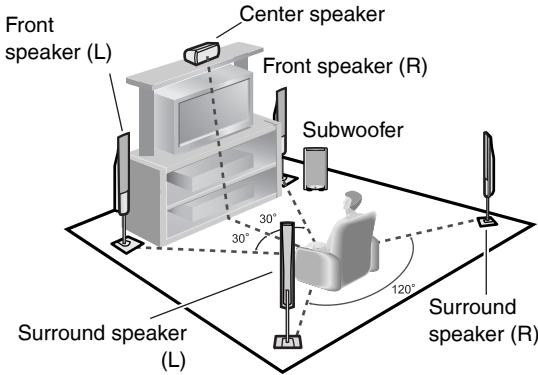
Placement and connections of speakers

Speaker setup

Step 1

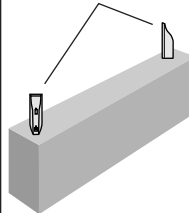
1 Place the speakers.

e.g., SC-HT17



SC-HT15

Surround speakers



Place on a shelf or rack.

Positioning for best effect

How you set up your speakers can affect the bass and the sound field.

Note the following points.

- Attach the included rubber pads to the base of the center speaker (SC-HT15: center and surround speakers). This prevents vibration from causing the speakers to move or fall over. Use 4 pads per speaker.
- Place speakers on flat secure bases.
- Placing speakers too close to floors, walls, and corners can result in excessive bass. Cover walls and windows with a thick curtain.

Place the front, center, and surround speakers at approximately the same distance from the seating position.

The angles in the diagram are approximate.

Front speakers (left, right)

Place on the left and right of the TV at seated ear height so that there is good coherency between the picture and sound.

Center speaker

Place underneath or above the center of the TV. Aim the speaker at the seating area.

Surround speakers (left, right)

Place on the side of or slightly behind the seating area, higher than ear level.

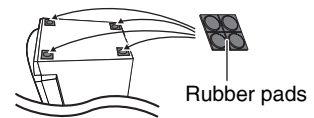
Subwoofer

The subwoofer can be placed in any position as long as it is at a reasonable distance from the TV.

Note that some experimentation can yield the smoothest low frequency performance. Placement near a corner can increase the apparent output level, but can result in unnatural bass.

Attaching the rubber pads

Bottom of surround speaker (SC-HT15)



Rubber pads

Bottom of center speaker



Rubber pads

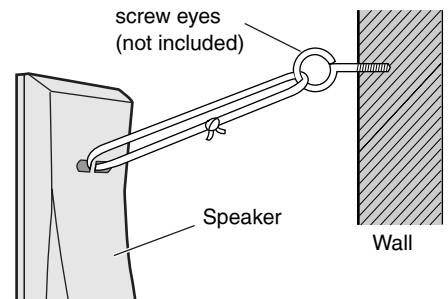
Note

Keep your speakers at least 10 mm away from the system for proper ventilation.

Preventing the speakers from falling over

Attach screw eyes (not included) to secure the speakers to a wall (diagram on the right).

- Obtain the screws appropriate to the walls and pillars to which they are going to be fastened.
- Consult with a qualified housing contractor concerning the appropriate procedure when attaching to a concrete wall or a surface that may not have strong enough support. Improper installation may result in damage to the wall or speakers.



screw eyes (not included)

Speaker

Wall

If irregular colouring occurs on your television

The supplied speakers are designed to be used close to a television, but the picture may be affected with some televisions and setup combinations.

If this occurs, turn the television off for about 30 minutes.

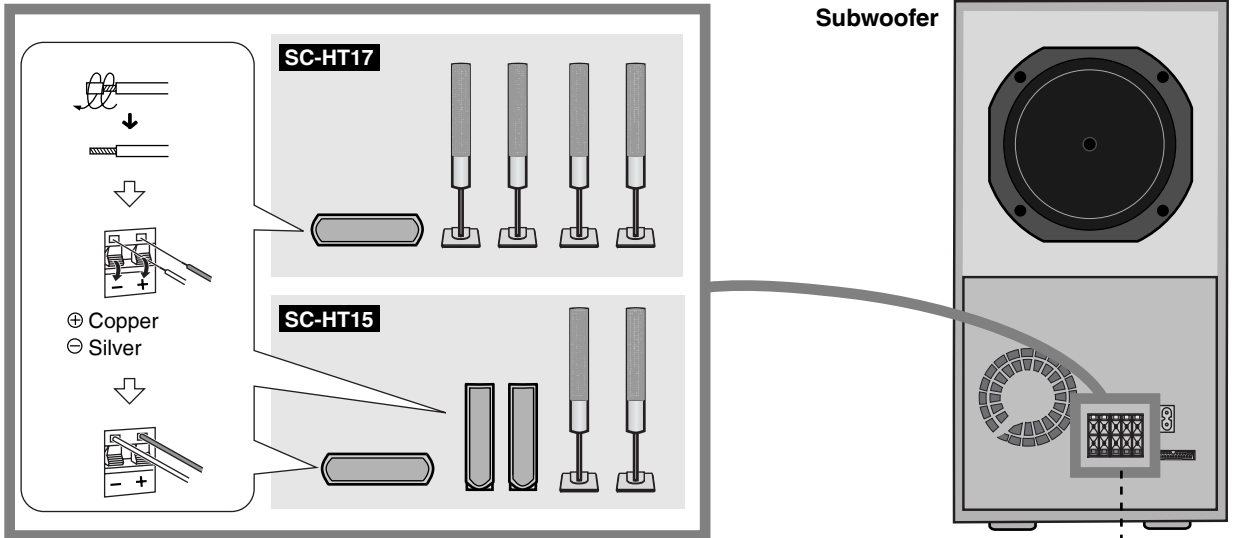
The television's demagnetising function should correct the problem. If it persists, move the speakers further away from the television.



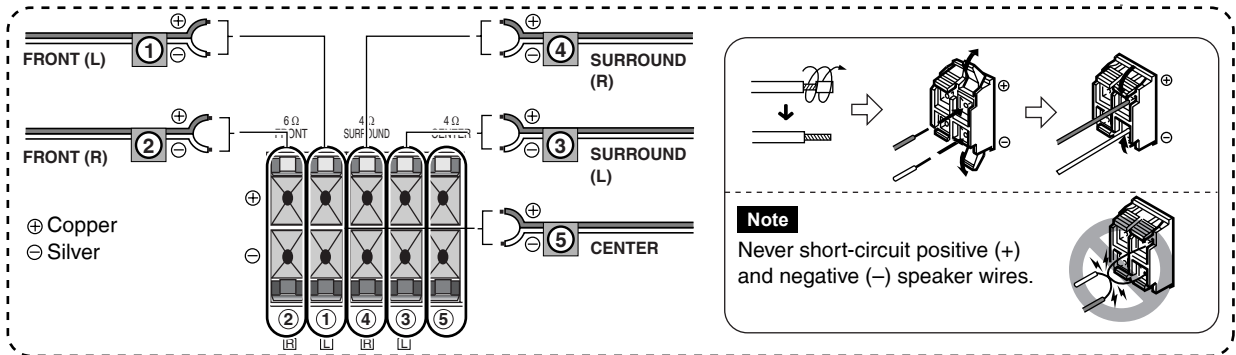
Caution

- The main unit and supplied speakers are only to be used as indicated in this manual. Failure to do so may lead to damage to the receiver 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 walls using methods other than those described in this manual.

2 Connect the speaker cables to the subwoofer.

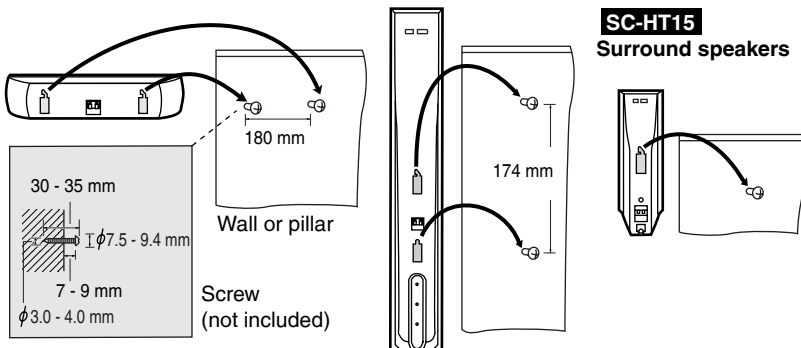


Step 1
Speaker setup



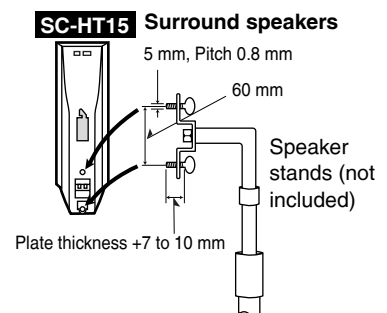
Other speaker setup options

Attaching to a wall



- The wall or pillar on which the speakers are to be attached should be capable of supporting 10 kg per screw. Consult a qualified building contractor when attaching the speakers to wall. Improper attachment may result in damage to the wall and speakers.
- When mounting the speakers to walls, use a string (not included) to prevent them from falling (► page 6).
- (SC-HT17 front and surround speakers, SC-HT15 front speakers) Use of optional speaker cables are recommended when mounting. (You can also remove the speaker cables from the pipes supplied with this system.)

Fitting optional speaker stands








- Observe the diameter and length of the screws and the distance between screws as shown in the diagram.
- The stands must be able to support over 10 kg.
- The stands must be stable even if the speakers are in a high position.

RQT7953

Step 2

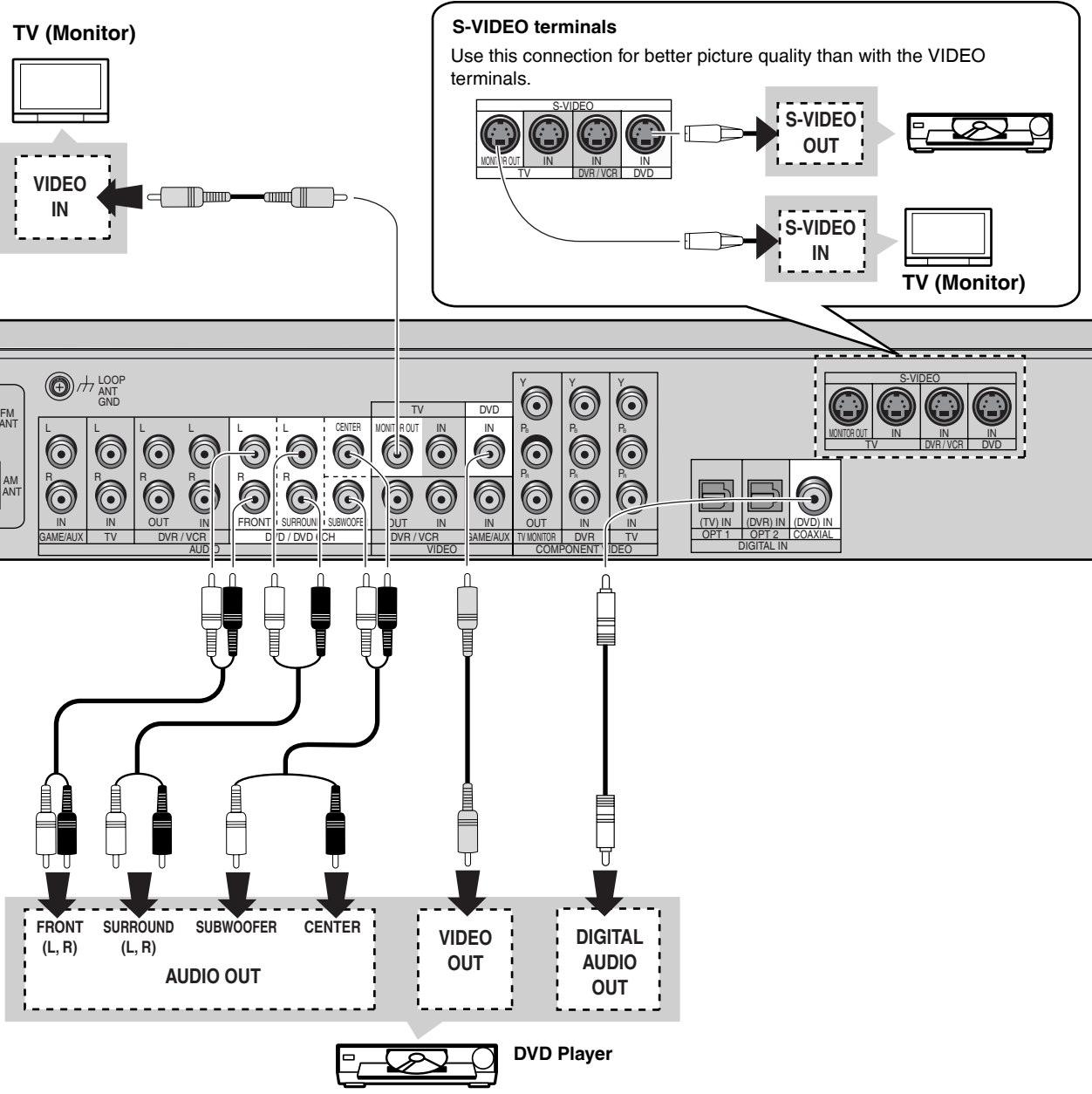
Home theater connections

Other accessories	Stereo phono cable (not included)	Video connection cable (not included)
	Left 	
	Right 	
	Coaxial cable (not included)	S-Video cable (not included)
		

Turn off all components before making any connections.
To connect equipment, refer to the appropriate operating instructions.

Step 2 Home theater connections

DVD player SC-HT17



Supplied accessories

System cable



AC mains lead



Changing the digital input settings

You can change the input settings for the digital terminals if necessary. Note the equipment you have connected to the terminals, then change the settings (► page 13).

Notes on digital input

This unit can decode the following signals:

- **Dolby Digital, DTS**
- **PCM, including PCM with sampling frequencies of 96 or 88.2 kHz**

It cannot decode:

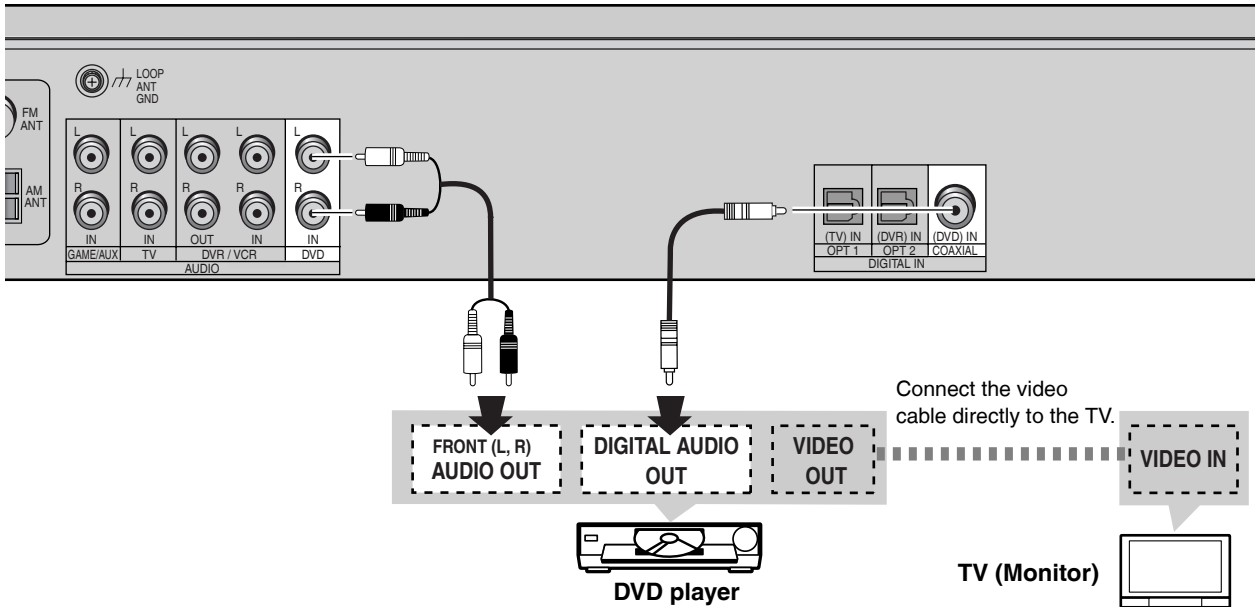
- **Other digital signals, such as MPEG**
- **Dolby Digital RF signals from a laser disc player**

Note

- The included AC mains lead is for use with this unit only. Do not use it with other equipment.
- Do not use an AC mains lead from any other type of equipment with this unit.
- Use digital connection to enjoy Dolby Digital or DTS.

DVD player

SC-HT15



Step 2
Home theater connections

Subwoofer and AC mains lead

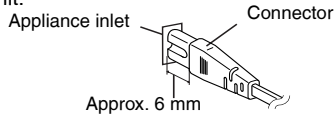
SC-HT17

SC-HT15

**FOR THE UNITED KINGDOM ONLY
READ THE CAUTION FOR THE AC
MAINS LEAD ON PAGE 2 BEFORE
CONNECTION.**

Insertion of connector

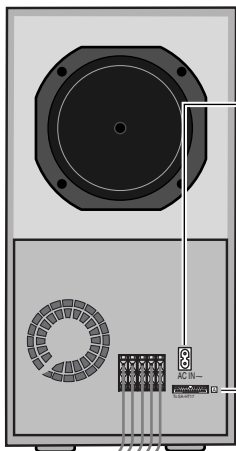
Even when the connector is perfectly inserted, depending on the type of inlet used, the front part of the connector may jut out as shown in the drawing. However there is no problem using the unit.



Conserving power

The unit consumes a small amount of power even when it is turned off with [⏻/|]. To save power when the unit is not to be used for a long time, unplug it from the household AC mains socket. You will need to reset some memory items after plugging in the unit.

Subwoofer



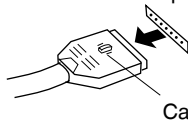
➔ To household AC mains socket

AC mains lead (included)

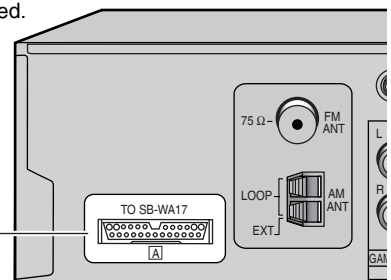
Connect this cord after all other cables are connected.

To disconnect

Press the catch and pull out.

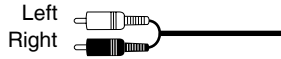


System cable (included)



Other accessories

Stereo phono cable (not included)



Optical fibre cable (not included)



Video connection cable (not included)



S-Video cable (not included)

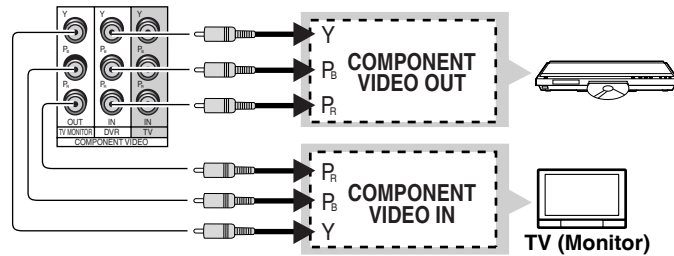


DVD recorder or VCR

SC-HT17

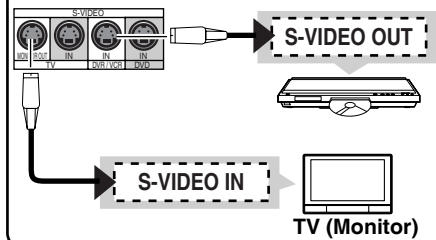
COMPONENT VIDEO terminals

This connection provides high quality pictures by separating the colour (P_B and P_R) and the luminance (Y) signals.



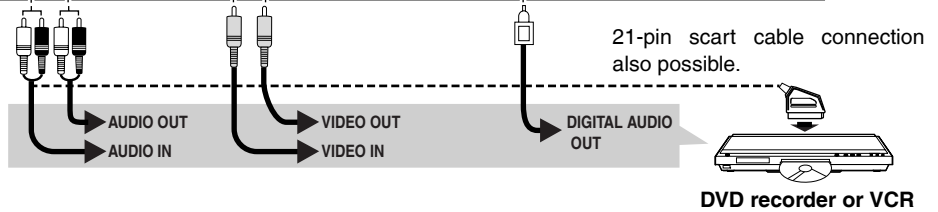
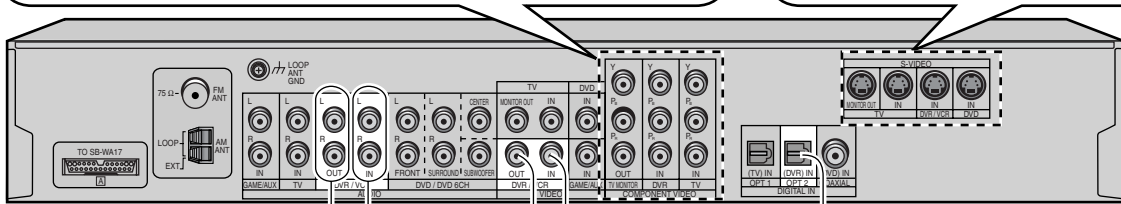
S-VIDEO terminals

Use this connection for better picture quality than with the VIDEO terminals.



Step 3

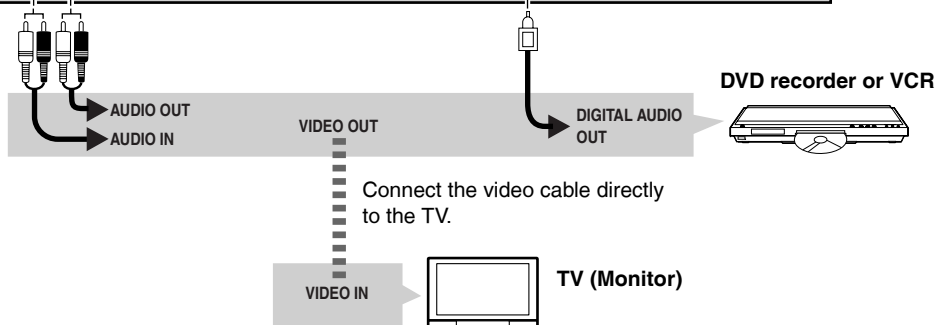
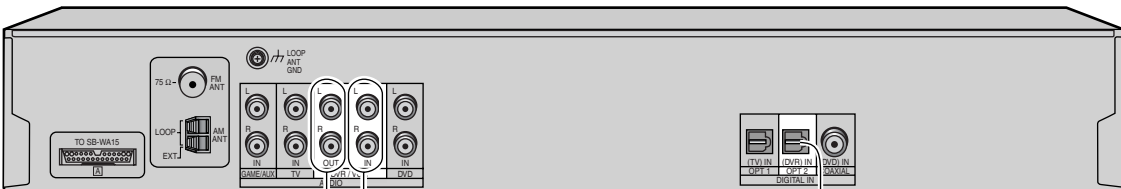
Other connections



DVD recorder or VCR

DVD recorder or VCR

SC-HT15



DVD recorder or VCR

Changing the digital input settings

You can change the input settings for the digital terminals if necessary. Note the equipment you have connected to the terminals, then change the settings (➔ page 13).

Note

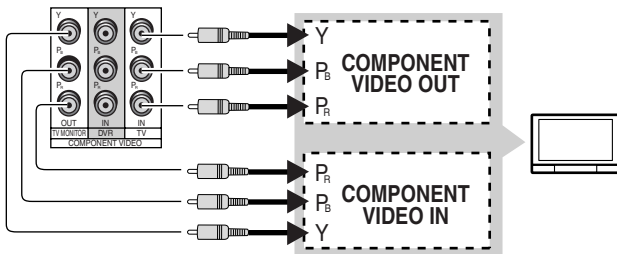
- Use digital connection to enjoy Dolby Digital or DTS.
- Do not bend the optical fibre cable.

TV (Input source)

SC-HT17

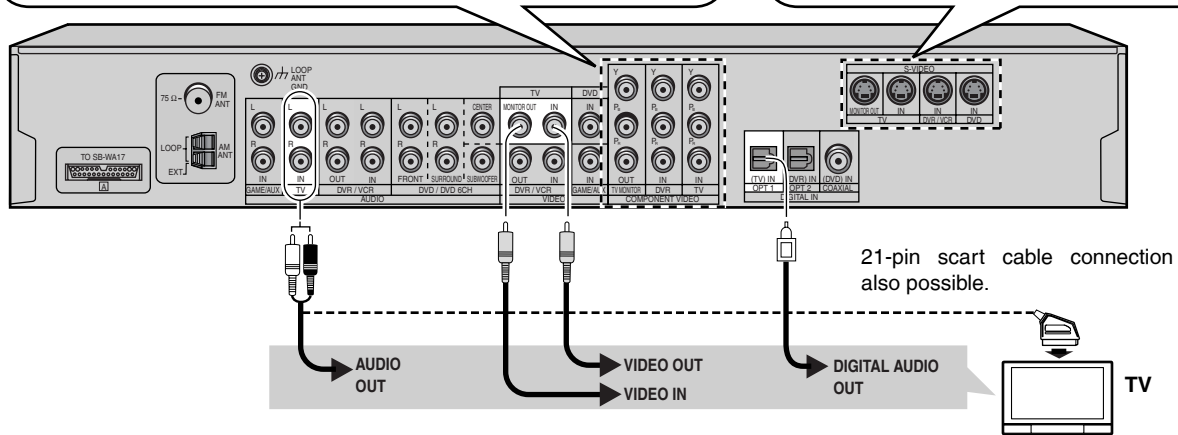
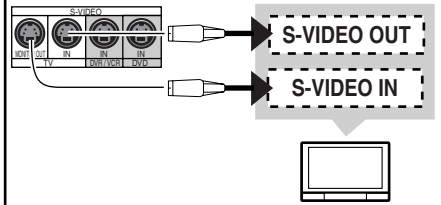
COMPONENT VIDEO terminals

This connection provides high quality pictures by separating the colour (P_B and P_R) and the luminance (Y) signals.



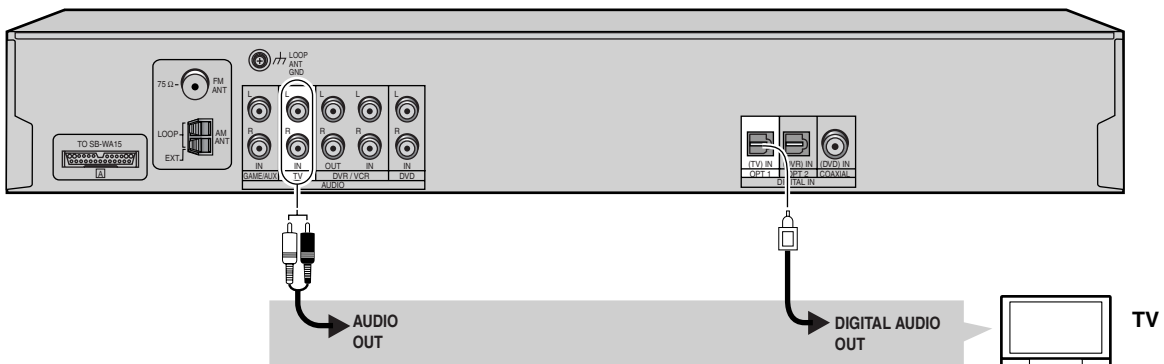
S-VIDEO terminals

Use this connection for better picture quality than with the VIDEO terminals.



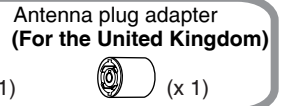
TV (Input source)

SC-HT15



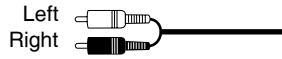
Other connections

Supplied accessories



Other accessories

Stereo phono cable (not included)



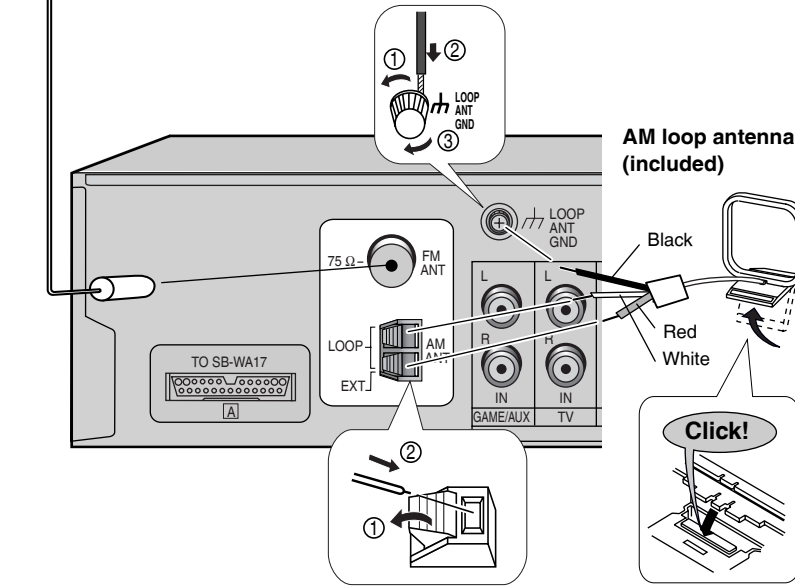
Video connection cable (not included)



Antennas

FM indoor antenna (included)

Adhesive tape
Fix the end of the antenna where reception is best.



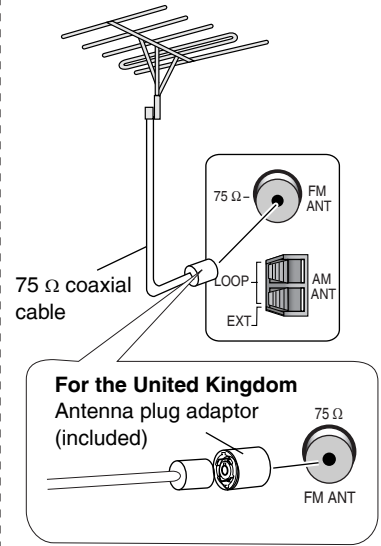
AM loop antenna (included)

For best reception

FM outdoor antenna (not included)

- Disconnect the FM indoor antenna.
- The antenna should be installed by a competent technician.

FM outdoor antenna

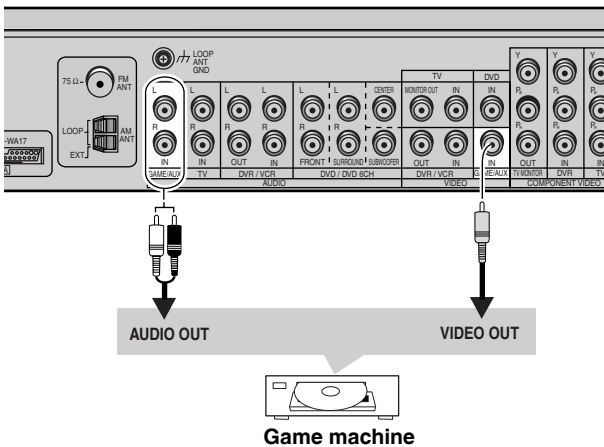


For the United Kingdom
Antenna plug adaptor (included)

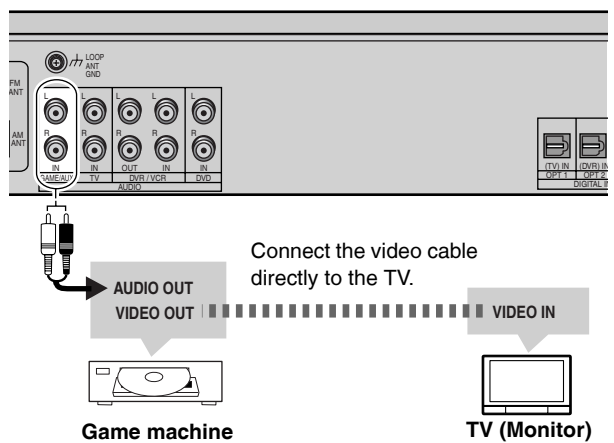
Keep the antenna cord away from DVD players and other cords.

Game machine or other AV equipment

SC-HT17



SC-HT15



Step 3
Other connections

Step 4

Settings

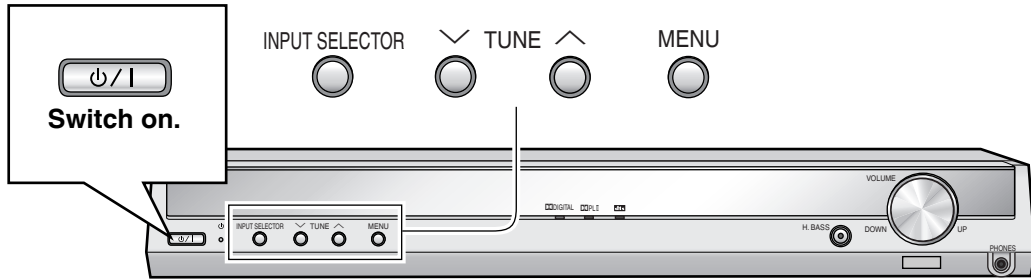
Change the settings to suit your equipment to the environment in which you are using it. Before making any changes, read the descriptions of the settings, note the factory settings and ranges, and refer to the equipment's instructions.

DISTANCE → See below

D-INPUT → See below

DR COMP → See page 21

A/D ATT → See page 21



DISTANCE

Enter the distance of the front, center and surround speakers from the seating position.

The factory settings are: FRONT: 3.0 m
 CENTER: 3.0 m
 SURROUND: 1.5 m

D-INPUT (digital input)

Change the setting for the DIGITAL IN terminals (OPT1, OPT2, COAXIAL) on the rear of the unit if the equipment you have connected is different to that labelled.

The factory settings are: TV: OPT1
 DVR: OPT2
 DVD: COAX

- 1 Enter the setup mode.**

Press at the same time.

SETUP
- 2 Select "DISTANCE".**

DISTANCE

DISTANCE → DR COMP
 D-INPUT ← A/D ATT
- 3 Select the speaker.**

FRONT

FRONT → CENTER
 SURROUND ↓
- 4 Change the setting.**

3.0 m

1.0 m 10.0 m

Repeat steps 3 and 4
- 5 Exit the setup mode.**

Press at the same time.

COMPLETE

- 1 Enter the setup mode.**

Press at the same time.

SETUP
- 2 Select "D-INPUT".**

D-INPUT

DISTANCE → DR COMP
 D-INPUT ← A/D ATT
- 3 Select the input position.**

TV

TV → DVR → DVD
- 4 Change the setting.**

OPT 1

OPT 1 ⇌ OPT 2 ⇌ COAX

Repeat steps 3 and 4
- 5 Exit the setup mode.**

Press at the same time.

COMPLETE

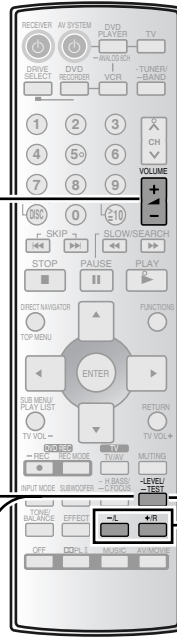
Note

You can allocate only one piece of equipment per terminal. So for example if you change "TV" from "OPT1" to "OPT2", "DVR" will automatically switch to "OPT1".

Settings

Adjusting speaker output level

Step 4
Settings



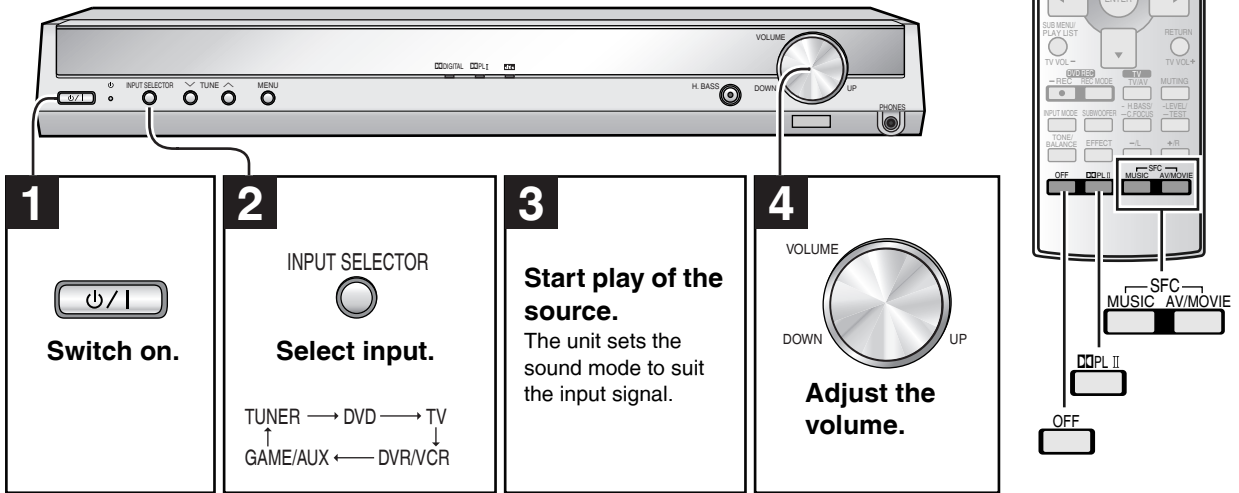
- 1**
-LEVEL/
-TEST
Press and hold
Output the signal.
- 2**
VOLUME
+
-
Adjust the main volume.
- 3**
-LEVEL/
-TEST
Select the speaker channel.
- 4**
-/L +/R
Adjust the level.
Repeat steps 3 and 4
- 5**
-LEVEL/
-TEST
Press and hold
Stop the test signal.

C (center), RS (right surround) and LS (left surround) can be adjusted between -10 dB and $+10$ dB, with 0 dB being the level of the front speakers. Adjust center and surround output to the same apparent level of the front speakers.

For SW (subwoofer), you can select “- -” so there is no output, “MIN” for minimum output, a level between 1 and 19, or “MAX” for maximum output. Adjust subwoofer output so it is balanced with the front speakers.

Subwoofer output is easily influenced by the source. You can also change its level while playing something for better effect (► page 20).

Basic operations



(SC-HT17) When playing video sources connected to DVD
The picture remains on the screen even if you select TUNER.

Adding surround effects to stereo sources

Using Dolby Pro LogicII

Dolby Pro LogicII processor works not only on sources recorded with Dolby Surround, but also on any stereo source.



Press to select a mode from the table at right.

- To cancel, press [OFF].

You can make fine surround settings when in the **MUSIC** or **PANORAMA** mode. (➔ page 22)

	MOVIE Use this mode when playing movie software, especially videotapes, recorded in Dolby Surround.
	MUSIC Adds surround effects to stereo sources.
	PANORAMA Sound is spread out more so you feel like you are surrounded by music.

Using the Sound Field Control (SFC)

Enjoy an enhanced sound experience with greater presence and spread by using these SFC modes with PCM or analogue stereo sources.



Press to select a mode from the tables at right.

- To cancel, press [OFF].

You can adjust SFC effects. (➔ page 22)

	LIVE Brings you up close for “live” stage performance and smoother vocals.
	POP/ROCK For pop, rock, and other music that has a punch to it.
	VOCAL For adding gloss to vocals.
	JAZZ Conveys the exciting and intimate atmosphere of a jazz club.
	DANCE For dance music and other sounds with a strong beat.
	PARTY This mode uses the front and surround speakers so that sound is in stereo regardless of the direction you are facing.

	DRAMA For dramas and other material where dialog is important.
	ACTION For action movies and other material where impact is important.
	SPORTS To make you feel like you were in the stadium.
	MUSICAL For musicals and other material where music is important.
	GAME Enjoy gaming with more impact.
	MONO For monaural sound.

Note

- Dolby Pro LogicII and SFC modes remain in effect until you turn the mode off.
- When input is PCM with sampling frequencies of 96 or 88.2 kHz, you cannot add surround effects with Dolby Pro LogicII or SFC.
- When input is Dolby Digital or DTS, you cannot use SFC.

Control guide

Main unit

Standby indicator [⏻]

When the unit is connected to the AC mains supply, this indicator lights up in standby mode and goes out when the unit is turned on.

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.

[DIGITAL, PL II, dts]

Lights to indicate the source's input signal and decoding format used.

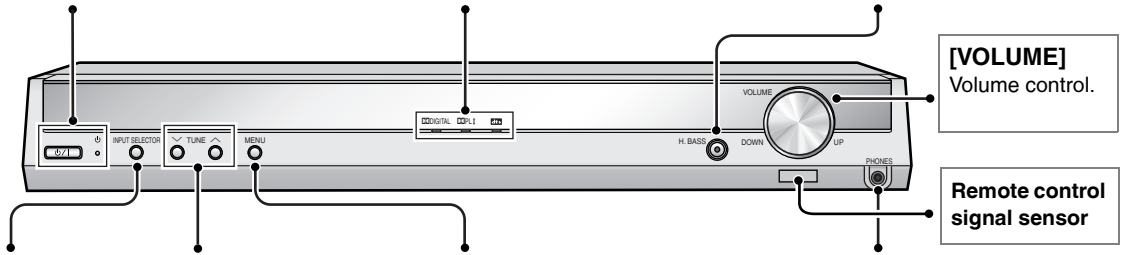
DIGITAL: Dolby Digital sources

PL II: Dolby Pro LogicII decoder is being used

dts: DTS sources

[H.BASS]

For enhancing the bass sound. The indicator lights when the feature is on.

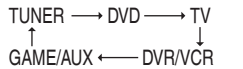


[VOLUME]
Volume control.

Remote control signal sensor

[INPUT SELECTOR]

For selecting input. The display changes as follows:



[TUNE]

For tuning the radio and presetting channels.

[MENU]

- For entering various settings.
- Press and hold to exit the MENU mode.

[PHONES]

Headphone jack
Plug type: 3.5 mm stereo

- Sound does not come from the speakers if you connect headphones.
- Avoid listening for prolonged periods of time to prevent hearing damage.

Display

[DIGITAL INPUT]

Program format indicators
Show the channels contained in the digital input signal.

They do not light when input is analogue.

L: Front left channel

C: Center channel

R: Front right channel

LS: Surround left channel

S: If the surround channel is monaural

RS: Surround right channel

LFE (Low Frequency Effects): Deep-bass effect.

[TUNED, ST, MONO]

Radio indicators

TUNED: A station is tuned.
ST: A stereo FM broadcast is tuned.

MONO: You have switched to monaural mode to improve reception.

[RDS, PS, PTY]
(For continental Europe and the United Kingdom)

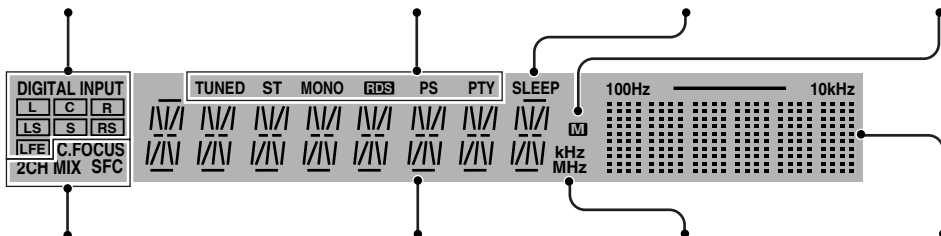
Shows the current RDS display mode.

[SLEEP]

Sleep timer indicator.

[M]

Flashes or lights during presetting.



[C.FOCUS, 2CH MIX, SFC]

C.FOCUS: Appears when you are using Center Focus

2CH MIX: Appears when you are listening to a multi-channel source with headphones

SFC: Appears when you are using an SFC mode

General display

Shows the input mode, radio frequency and other general information.

[kHz, MHz]

Frequency unit indicators
kHz: AM, or PCM sampling frequency
MHz: FM

Spectrum analyzer display

Remote control and Subwoofer

This page describes the buttons used to control this unit.
See the guide starting page 23 for the buttons that control other units.

[ϕ , RECEIVER]
Standby/on button.

[1, 2, 3, 4, 5, 6, 7, 8, 9, 0]
To enter radio frequencies and channels.
[≥ 10 , -/--]
To enter two digit channels.
[DISC, DIRECT TUNING]
To enable selection of radio stations by frequency.
[\wedge , CH, \vee]
For selecting preset radio channels.

[SUBWOOFER]
For selecting subwoofer level.
[-H.BASS/-C.FOCUS]

- For enhancing the bass sound.
- Press and hold to select center focus mode.

[INPUT MODE]
For selecting AUTO, ANALOG or DIGITAL.

[TONE/BALANCE]
To adjust the bass, treble and front speaker balance.

[OFF]
To cancel surround effect.
[\square PL II]
For selecting a Dolby Pro LogicII mode: MOVIE, MUSIC or PANORAMA.
[MUSIC]
For selecting SFC modes: LIVE, POP/ROCK, VOCAL, JAZZ, DANCE or PARTY.
[AV/MOVIE]
For selecting SFC modes: DRAMA, ACTION, SPORTS, MUSICAL, GAME or MONO.

SC-HT17
[DVD PLAYER, -ANALOG 6CH] [TV] [DVD RECORDER] [VCR]

SC-HT15
[DVD PLAYER] [TV] [DVD RECORDER] [VCR]
Input mode and remote control mode buttons.

[DVD PLAYER, -ANALOG 6CH] (SC-HT17)
Press and hold and DVD input switches between 6-channel and 2-channel.

[-TUNER/-BAND]
For selecting TUNER.
After selecting TUNER, press and hold to switch between FM and AM.

[+, -, VOLUME]
To adjust the volume.

[MUTING]
To mute the volume.

[-LEVEL/-TEST]

- Use when adjusting speaker level.
- Press and hold to start the speaker test signal.

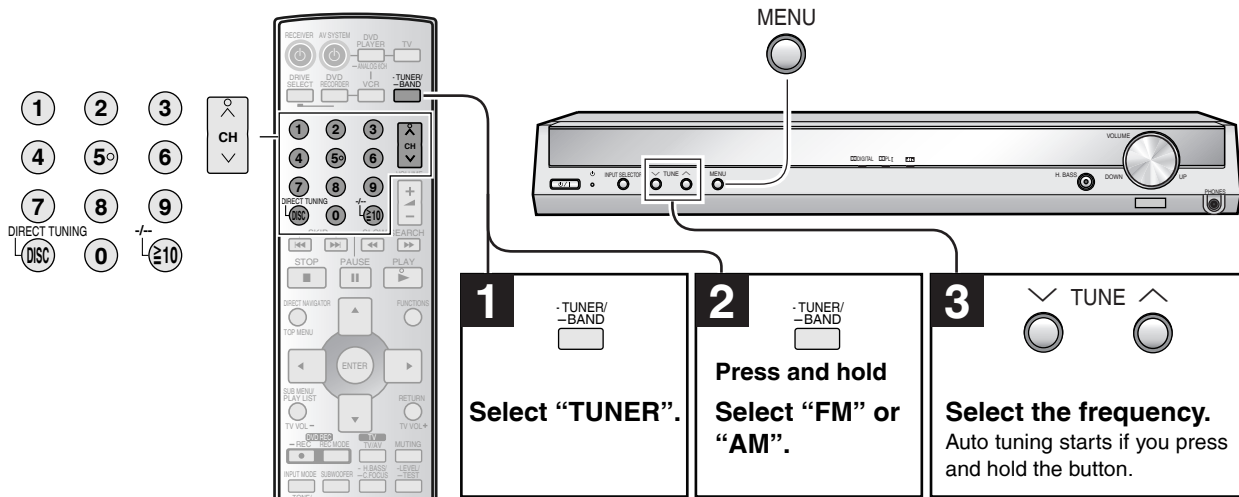
[EFFECT]
Use when adjusting Dolby Pro LogicII or SFC effects.

[-/L, +/R]
First select EFFECT, LEVEL, TONE or BALANCE, then press [-/L] or [+/R] to adjust.

AC supply indicator [AC IN]
This indicator lights when the unit is connected to the AC mains supply.

(SC-HT17) When DVD ANALOG 6CH input is selected:
Set your DVD player speaker output to "small", provided it has a speaker output setting function.

The radio



Direct tuning

Input the frequency of the station.

Remote control

1. Press [-TUNER/-BAND] to select "TUNER".
 2. Press and hold [-TUNER/-BAND] to select "FM" or "AM".
 3. Press [DISC, DIRECT TUNING].
 4. Press the numbered buttons to enter the frequency.
e.g. To select 107.90 MHz, press [1] → [0] → [7] → [9] → [0]
- If you do not press a button while the cursor is flashing, the display returns to the frequency being received.
 - If the frequency has not been input correctly, "ERROR" will be displayed.

Automatic presetting

The FM stations the unit can receive are preset in channels 1 to 30. The AM stations the unit can receive are preset in channels 21 to 30. (FM stations are replaced if any were preset in these channels.)

Preparation: Select "FM" or "AM".

Main unit

1. Press [MENU] to select "MEMORY".
 2. Press and hold [TUNE ∨].
- The tuner presets all the stations it can receive into the channels in ascending order.
- If you press and hold [TUNE ∧], it starts from the current frequency.
- During automatic presetting, the memory indicator (M) flashes and the frequency scrolls. The memory indicator and channel numbers are displayed for a second when a station is preset. The last station to be preset is displayed when presetting finishes.

To cancel
Press and hold [MENU].

To switch between FM and AM on the main unit

1. Press [MENU] to select "BAND".
2. Press [TUNE ∨ or ∧] to select "FM" or "AM".
3. Press [MENU].

Manual presetting

Preset the stations one at a time.

Preparation: Tune to the station you want to preset.

Main unit

1. Press [MENU] to select "MEMORY".
2. Press [TUNE ∨ or ∧] to select the channel.
3. Press [MENU] to store.

To cancel
Press and hold [MENU].

For your reference

FM stations can also be preset in the MONO mode.

Selecting channels

Remote control

Press [∧, CH, ∨].

or

Press the numbered buttons.

For channels 1 to 9, press the corresponding number.

For channels 10 or over, press [$\geq 10, -/-$], then the two digits.
e.g. To select channel 21: [$\geq 10, -/-$] → [2] → [1]

FM mode

You can improve FM reception by switching reception to monaural.

Main unit

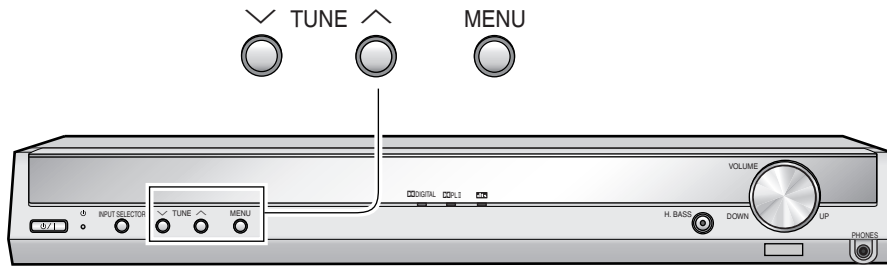
1. Press [MENU] to select "FM MODE".
2. Press [TUNE ∨ or ∧] to select "MONO".
Select "AUTO" to cancel.
3. Press [MENU].
"MONO" lights.

To change the AM frequency step

If the correct AM frequency cannot be tuned in, change the frequency step to suit your area.

On the main unit

1. Press [MENU] to select "AM ALLOC".
2. Press [TUNE ∨ or ∧] to select "9" or "10".
3. Press [MENU].
(The frequency step changes from 9 kHz to 10 kHz.)



RDS broadcasts

(For continental Europe and the United Kingdom)

This unit can display the text data transmitted by the radio data system (RDS) available in some areas.

"RDS" lights while RDS signals are being received.

RDS displays may not be available if reception is poor.

Main unit

1. Press [MENU] to select "DISPLAY".
2. Press [TUNE ∨ or ∧] to select "FREQ", "RDS PS", or "RDS PTY".
3. Press [MENU].

FREQ: Frequency display

RDS PS: Program service, the station name (default setting)

RDS PTY: Program type

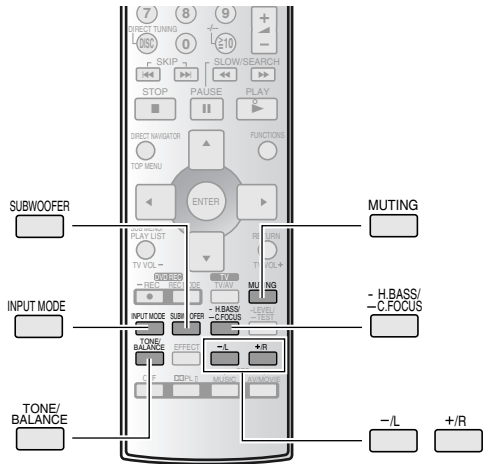
Note

This unit does not have the emergency broadcast system (EBS) that tunes automatically into emergency broadcasts.

PTY Displays

NEWS	News
AFFAIRS	Current affairs
INFO	Information
SPORT	Sport
EDUCATE	Education
DRAMA	Drama
CULTURE	Culture
SCIENCE	Science
VARIED	Varied
POP M	Pop music
ROCK M	Rock music
M. O. R. M	Middle-of-the-road Music
LIGHT M	Light classical
CLASSICS	Serious classical
OTHER M	Other music
WEATHER	Weather information
FINANCE	Finance
CHILDREN	Children
SOCIAL A	Social affairs
RELIGION	Religion
PHONE IN	Phone in
TRAVEL	Travel
LEISURE	Leisure
JAZZ	Jazz music
COUNTRY	Country music
NATIONAL	National music
OLDIES	Oldies
FOLK M	Folk music
DOCUMENT	Documentary
TEST	Test broadcast
ALARM	Emergency announcement

Other functions



Input mode

This unit automatically detects whether input is digital or analogue, but you can fix the input mode.

Remote control

Press [INPUT MODE] to select "AUTO", "ANALOG" or "DIGITAL".

Tone

You can adjust the level of the bass and treble.

Remote control

1. Press [TONE/BALANCE] to select "BASS" or "TREBLE".
2. Press [-/L] or [+ /R] to adjust bass/treble.

Note

- Input signals must be either analogue or PCM, and Dolby Pro LogicII and SFC must be off.
- (SC-HT17) You cannot adjust the tone if DVD ANALOG 6CH is selected.

Balance

You can adjust the balance of the front speakers.

Remote control

1. Press [TONE/BALANCE] to select "BALANCE".
2. Press [-/L] or [+ /R] to adjust.

Subwoofer level

Remote control

Press [SUBWOOFER].

Adjust the level in 5 steps:

SW MIN, SW 5, SW 10, SW 15, and SW MAX.

Select SW - - - to stop output.

Note

- Sound can be distorted if you raise the volume while subwoofer level is high. Reduce subwoofer level if this occurs.
- (SC-HT17) You cannot adjust the subwoofer level if DVD ANALOG 6CH is selected.

H.Bass

You can enhance low-frequency sound so that heavy bass sound can be heard clearly, even if the acoustics of your room are not optimal.

Remote control

Press [-H.BASS/-C.FOCUS].

Main unit

Press [H.BASS].

The indicator lights.

To cancel

Press [-H.BASS/-C.FOCUS] or [H.BASS] again.

Note

- You cannot use H.Bass when you are using headphones.
- Actual effect depends on the disc.

Center focus

(Disc where the dialogue is recorded in the center channel)

You can make the sound of the center speaker seem like it is coming from within the television.

Remote control

Press and hold [-H.BASS/-C.FOCUS].

"C.FOCUS" lights.

The factory setting is off.

The center focus cannot be used in the following cases:

- When input signal is PCM or analogue stereo.
- (SC-HT17) When DVD ANALOG 6CH is selected.

Muting

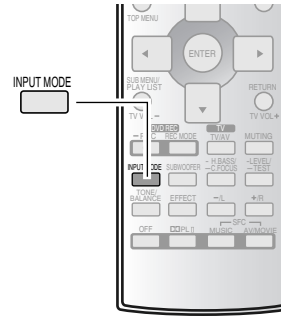
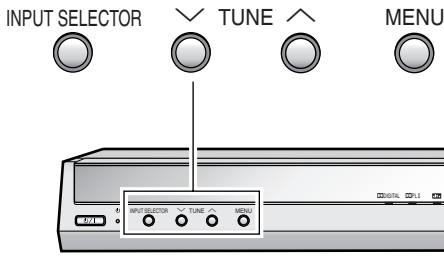
Remote control

Press [MUTING].

To cancel

Press [MUTING] again.

Muting is also cancelled when the unit is turned off.



A/D attenuator

Turn the A/D attenuator on if “OVERFLOW” lights frequently when using 2-channel analogue input.

Main unit

1. Press [TUNE ∨ and ∧] at the same time to enter the setup mode.
2. Press [INPUT SELECTOR] to select “A/D ATT”.
3. Press [TUNE ∨ or ∧] to select “ON” or “OFF”.
4. Press [TUNE ∨ and ∧] at the same time to exit the setup mode.

Dynamic range compression

Change this setting to listen to software recorded with Dolby Digital at low volume (such as late at night) and maintain audio clarity. It reduces the peak level in loud scenes without affecting the sound field.

Main unit

1. Press [TUNE ∨ and ∧] at the same time to enter the setup mode.
2. Press [INPUT SELECTOR] to select “DR COMP”.
3. Press [TUNE ∨ or ∧] to select “OFF”, “STANDARD” or “MAX”.
4. Press [TUNE ∨ and ∧] at the same time to exit the setup mode.

OFF:

The software is played with the original dynamic range (factory setting).

STANDARD:

The level recommended by the producer of the software for household viewing.

MAX:

The maximum allowable compression (recommended for night viewing).

Dimmer

Dim the display for better viewing in a darkened room.

Main unit

1. Press [MENU] to select “DIMMER”.
2. Press [TUNE ∨ or ∧] to select “OFF” or “ON”.
3. Press [MENU].

Sleep timer

The SLEEP timer can turn the unit off after a set time. It does not control any other components.

Main unit

1. Press [MENU] to select “SLEEP”.
2. Press [TUNE ∨ or ∧] to select the desired time.

The display changes as follows:

OFF ↔ SLEEP 30 ↔ SLEEP 60 ↔ SLEEP 90 ↔ SLEEP 120 (minutes)

3. Press [MENU].

The display dims even when the dimmer is “OFF”.

To check the setting

1. Press [MENU] to select “SLEEP”.
2. Press [TUNE ∨ or ∧] once. The time remaining appears.
3. Press [MENU].

To change a setting

Repeat the procedure from the beginning.

PCM/DTS fix mode

In rare cases, the unit may have trouble recognizing the digital signals on discs.

- With the PCM signals on CDs, this may cause the beginning of a track to be cut off. Engage the PCM FIX mode if this occurs.
- With DTS, the signals may not be recognized at all. Engage the DTS FIX mode if this occurs.

While the input source is selected:

Remote control

1. Press [INPUT MODE] to select “DIGITAL”
 2. Press and hold [INPUT MODE] for four seconds.
- The current mode is displayed. Press again to change the mode. Each time you press the button:

AUTO → PCM FIX → DTS FIX

↑

When a FIX mode is on, the unit cannot process other signals. This may cause noise to be output. Select “AUTO” if this occurs. The mode returns to AUTO when you switch the unit to standby.

For your reference

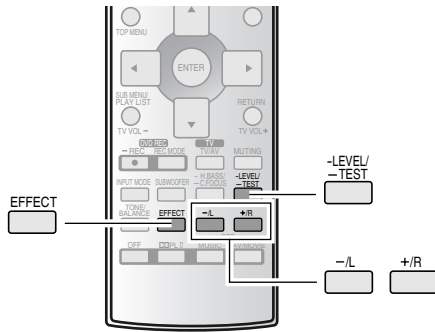
If you are playing a DTS CD that contains both DTS and PCM, but it isn't playing properly, then do the following after step 1 above:

On the Main unit

1. Press [MENU] to select “DTS-PCM”.
2. Press [TUNE ∨ or ∧] to select “ON”.
3. Press [MENU].

If this causes noise to occur, return the setting to “OFF”. (This setting is effective for each digital source.)

Other functions



Center Width Control "C-WDTH"

You can adjust the effect of MUSIC and PANORAMA with the center width control.

This adjustment helps you realise a more natural sound image when listening to music. Move sound out into the front speakers to improve the overall front image, or add sound to the center speaker to fix the center image.

You can choose a level between 0 (the center speaker is dominant) and 7 (center sound is spread out).

The default level is 3.

Remote control

1. Press [EFFECT] to select "C-WDTH".
2. Press [-L] or [+R] to adjust the effect.

Dimension Control "DIMEN"

You can adjust the effect of MUSIC and PANORAMA with the dimension control.

You can make up for differences in the output level of the front and surround speakers.

You can choose a level between -3 and +3 — Increase the level to move sound to the front speakers, decrease to move it to the surround speakers.

The default is level 0.

Remote control

1. Press [EFFECT] to select "DIMEN".
2. Press [-L] or [+R] to adjust the effect.

Adjusting SFC effects

You can adjust the sound field by adjusting the level of the speakers and the delay time of the surround speakers. These adjustments can be made for each SFC mode.

To adjust the speaker level

Remote control

1. Press [-LEVEL/-TEST] to select the speaker channel.

Each time you press the button:

C → RS → LS → SW

↑

2. Press [-L] or [+R] to adjust the level.

C, RS, and LS: -10 dB to +10 dB

SW: --- (off) ↔ MIN ↔ 1 - 19 ↔ MAX

To adjust the delay time

Remote control

1. Press [EFFECT].
2. Press [-L] or [+R] to change the delay time.

The default is 50 mSEC. (10 mSEC - 100 mSEC)

Making a recording



Recording on other equipment

You can record to a unit connected to DVR/VCR OUT.

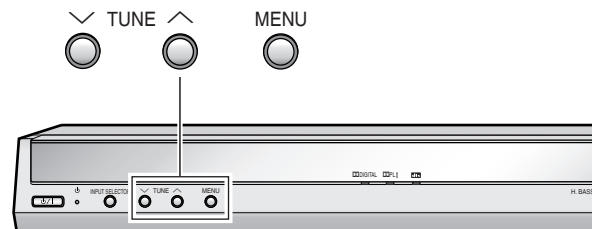
You can record any analogue source except DVR/VCR IN.

1. Press [INPUT SELECTOR] to select the source to be recorded.
2. Begin recording.
3. Start the source to be recorded.

Note

- (SC-HT17) When you select DVD ANALOG 6CH mode, only sound from the front left and right channels is recorded.
- This unit cannot record digital sources. Connect through the analogue terminals and select "ANALOG" input.

The RESET function



The operation settings for the unit will be initialised to the settings made at the time of shipment.

However, any preset radio stations will not be erased.

1. Press [MENU] to select "RESET".
2. Press [TUNE ∨ or ∧] to select "YES".
3. Press [MENU].

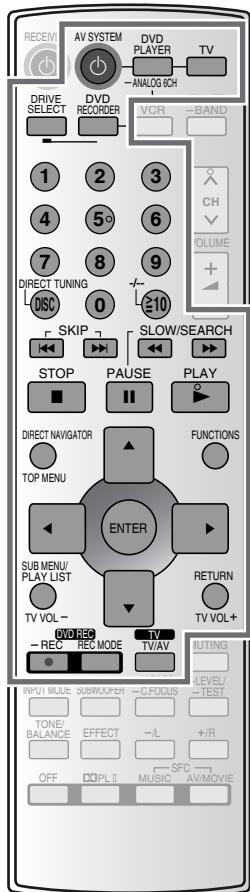
Remote control operation guide

This remote control can operate Panasonic and Technics audiovisual components that have remote control sensors.

You may need to change the remote control code. (▶ page 25)

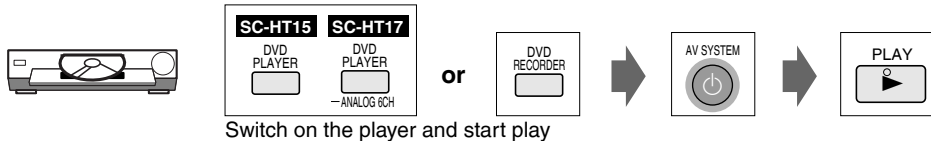
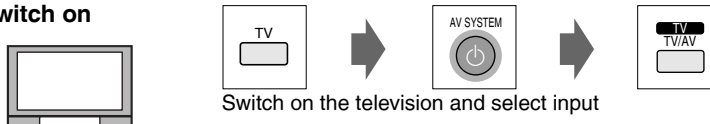
Note that this remote control cannot operate some equipment and that it may not be able to perform some operations.

DVD

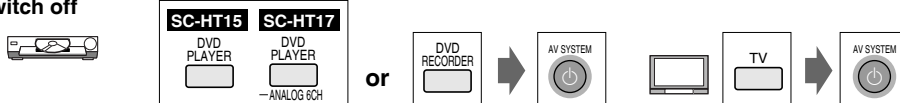


Watching DVDs

Switch on



Switch off



Operating the DVD player/DVD recorder

Direct Navigator
TOP MENU

→ Show disc menus

ENTER

→ Show disc menus

FUNCTIONS

→ Show player menus

RETURN
TV VOL+

→ Clear menus or return to previous menus

DIRECT TUNING
DISC

→ Specify a disc [5-disc changer]

REC MODE

→ Select a recording mode

-REC

→ Start recording (Press and hold)

1 2 3
4 5 6
7 8 9
0 ±10

→ Start play from a selected item

SKIP (Left/Right arrows)

→ Skip items during play

SLOW/SEARCH (Left/Right arrows)

→ Search through the disc

PAUSE (Double vertical bars)

→ Start slow-motion play

PAUSE (Double vertical bars)

→ To view frame-by-frame

STOP (Square)

→ Stop play

PAUSE (Double vertical bars)

→ Pause play

DRIVE SELECT

Switch between DVD and HDD [DVD recorder with HDD]

When you cannot switch to the disc or hard disk drive, after performing the following operations, press the button again.

1. While pressing [ENTER], press and hold [8] or [9] for approximately 2 seconds.
2. Press [DVD RECORDER].
The factory setting is [9].

When using a Panasonic DVD recorder

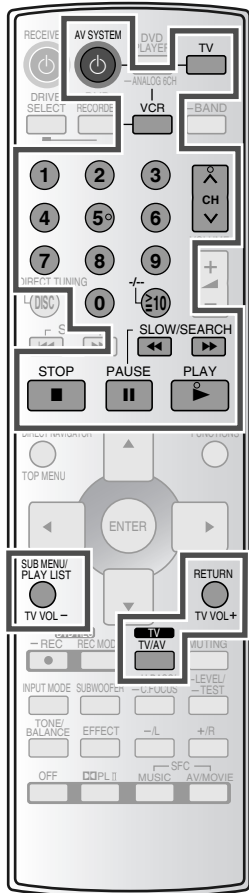
Change the unit's remote control code to match the remote control code of the DVD recorder.

Preparations: Check the remote control code of the DVD recorder.

For about one second hold down both [ENTER] and the button ([1], [2] or [3]) which the same number as the remote control code set by the DVD recorder.

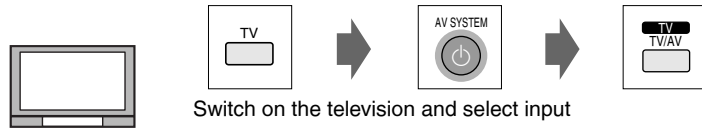
The factory setting is [1].

TV/VCR

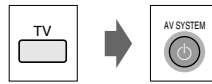


Watching TV

Switch on



Switch off



Operating the TV

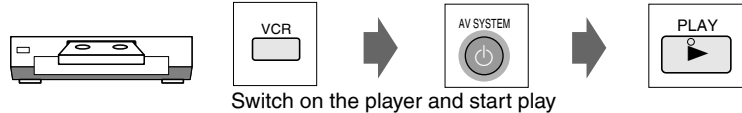
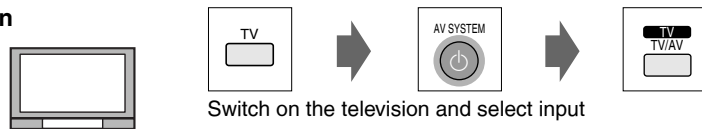
Change channels sequentially

Select channels directly

Adjust the volume

Watching videotapes

Switch on



Switch off



Operating the video deck

Change channels sequentially

Select channels directly

Rewind or fast-forward

STOP Stop play

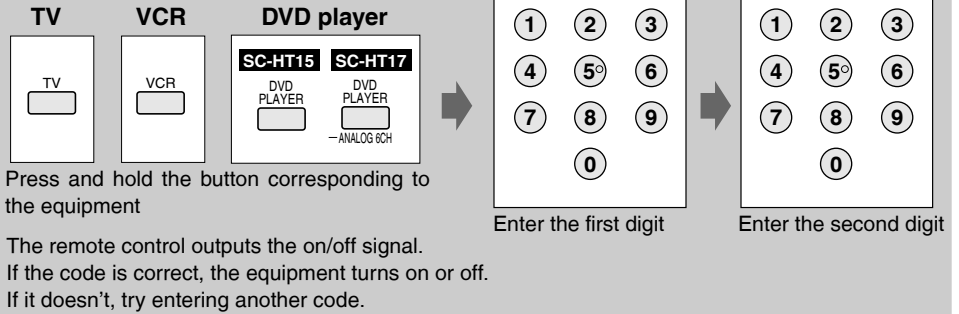
PAUSE Pause play

Using this remote control to operate equipment manufactured by Panasonic, Technics, and other companies

It can also operate some other brands of televisions, video cassette players, and DVD players. Check the table for the brand and enter the code as follows.



Changing the codes



- Re-enter the codes after you change the batteries.

Code table

	TV	VCR	DVD player
PANASONIC	01,29,30,31	01,29,30	01
AIWA	—	—	23
AKAI	07,11,28,36,37	06,08,16,17,19,37	—
ALBA	05,11,12	02,06,23	—
APEX	—	—	20,35,36
BAIRD	—	08,10,37	—
BAUR	32	—	—
BLAUPUNKT	28,36	01,26,29,30,33	—
BOSE	—	—	39
BRANDT	26,41	—	—
BUSH	02,05,10,11,12,32,38	02,09,23	—
DAEWOO	11,12,32	15	—
DENON	—	—	01,17
DUAL	32	—	—
FERGUSON	11,12	31	02
FINLUX	11,12,22,23,24,25,40	—	—
FISHER	37	05,07,10,11,12	—
FUNAI	02,38	—	18
GOLDSTAR	11,12	—	—
GOLDSTAR/LG	—	03,04,36,37	—
GOODMANS	11,12,25,32	02,03,18,23,27,33	—
GO-VIDEO	—	—	12
GRUNDIG	28,36	02,23,26,28,32,33	—
HARMAN KARDON	—	—	34
HCM	—	02,23	—
HITACHI	01,09,26,41	13,14	11
ICE	21,39	—	—
INNO HIT	34	—	—
ITT	—	08,10,11,37	—
ITT/NOKIA	05,07,37	18,27,37	—
JVC	18	20,21	09
KENDO	40	08,09,37	—
KENWOOD	—	—	15,29
KLH	—	—	32
KONIKA	—	—	19
KOSS	—	—	31
LOEWE	14,33	03,32	—
LOEWE OPTA	32	—	—
LUXOR	37	08,10,11,17,19,37	—
MATSUI	02,05,06,07,10,11,12,25,37,38	03,05,09	—
METZ	—	01	—
MINTEK	—	—	38
MITSUBISHI	14,19,28,36	17,19,21,32	06

	TV	VCR	DVD player
NEC	—	04,21,36,37	—
NEXTBASE	—	—	37
NOKIA	05,07,37	08,10,11,18,22,27,37	—
NORDMENDE	26,41	20,21	02
OCEANIC	27,35	—	—
OKANO	—	06	—
ONKYO	—	—	21,33
ORION	02,03,05,10,11,12,38	05,09	—
ORITRON	—	—	24
PHILIPS	11,12,13,15	22,32,33,34,35	04,16
PHONOLA	11,12	32	—
PIONEER	—	—	03
POLKAUDIO	—	—	16
RADIOLA	11,12	—	—
RAITE	—	—	13
RCA	—	—	02
RFT	—	33	—
ROADSTAR	39	02,03,18,23,27	—
SABA	26,41	21	02
SALORA	07,37	08,11,17,19,37	—
SAMPO	—	—	14
SAMSUNG	11,12,15,21,25,34,39	15,16,18,27	10
SANYO	07,17,25,37	07,10,11	—
SCHAUB LORENZ	—	10	—
SCHNEIDER	11,12	02,03,18,23,27,32	—
SEG	39,40	02,18,23,27	—
SELECO	11,24	—	—
SHARP	17,20	22	08
SIEMENS	11,12,17,28,36	03,10,11,32	—
SILVANIA	—	—	18
SINUDYNE	02,05,11,12,22,24,38,40	—	—
SMC	—	—	25
SONY	16	24,25,26	05,26,27,28
TECHNICS	—	—	01
THOMSON	05,26,41	21	02
THORN	06,08,11,12,14,16,25,32	10	—
TOSHIBA	03,04,06,08	15,17,19,32	04
UNIVERSUM	39	03,08,32,37	—
VENTURER	—	—	32
VIALTA	—	—	31
WHITE WESTIN HOUSE	11,12,22,40	—	—
YAMAHA	—	—	01,22,30
ZENITH	—	—	07,12

Troubleshooting guide

Before requesting service, make the below checks.

If you can't fix the unit as described or if something not listed here occurs, contact your dealer.

Common problems		Pages	
No power.	▶	• Ensure the AC mains lead and system cable are connected.	9
		• Turn the volume up.	15
		• Check connections to speakers and other equipment.	7-12
		• Select the correct source.	15
No sound.	▶	• Change the D-INPUT setting to suit the type of connection you have made.	13
		• Check that the digital signals can be decoded by this unit.	9
		• Turn PCM FIX or DTS FIX off.	21
“F76” appears on the display, and the unit turns off.	▶	• Determine and correct the cause, then turn the unit on.	7
		Causes include: <ul style="list-style-type: none"> – Shorting (bare wires touching) of positive and negative speaker wires. – Using the subwoofer in a hot environment without proper ventilation. Consult your dealer if the problem occurs again after turning the unit on.	
“FAN LOCK” appears on the display.	▶	• Turn the unit off, disconnect the AC mains lead, and consult your dealer.	–
“F 70” appears on the display.	▶		

Sound		Pages	
Sound is not heard from the center, surround, or subwoofer speakers.	▶	• The source may be stereo. Use Dolby Pro LogicII or SFC.	15
		• You cannot use Dolby Pro LogicII or SFC when input is PCM with sampling frequencies of 96 or 88.2 kHz.	15
Cannot use Dolby Pro LogicII or SFC.	▶		

Radio		Pages	
The radio cannot be tuned in or there is a lot of noise and interference.	▶	• Connect the appropriate antenna. (You may need an outdoor antenna or one with more elements.)	12
		• Adjust the position of the FM or AM antenna.	12
		• Reduce the treble.	20
		• Turn off nearby televisions, video decks and DVD players.	–
There is a lot of noise when listening to AM.	▶	• Separate the antenna from other cables, leads, and appliances.	–
		• Press and hold [H.BASS] on the main unit so “DEFEAT” appears (the DSP is defeated). This should reduce noise. The unit cannot play multiple channel sound while the DSP is defeated, so repeat this to reengage the DSP.	20
The correct AM frequency cannot be tuned in.	▶	• Change the frequency step.	18

Maintenance

If the surfaces are dirty

To clean this unit, wipe with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, carefully read the instructions that came with the cloth.

Specifications (DIN 45 500)

■ AMPLIFIER SECTION

RMS output power of each channel driven

(at 240 V for areas other than continental Europe)

10 % total harmonic distortion	
1 kHz front CH	[SC-HT17] 170 W per channel (6 Ω) [SC-HT15] 60 W per channel (4 Ω)
1 kHz surround CH	[SC-HT17] 70 W per channel (4 Ω) [SC-HT15] 60 W per channel (4 Ω)
1 kHz center CH	[SC-HT17] 260 W per channel (4 Ω) [SC-HT15] 220 W per channel (4 Ω)
100 Hz subwoofer CH	[SC-HT17] 260 W per channel (4 Ω) [SC-HT15] 240 W per channel (4 Ω)
Total RMS output power	[SC-HT17] 1000 W [SC-HT15] 700 W

DIN power output: Dolby Digital Mode

(at 240 V for areas other than continental Europe)

T.H.D. 1% (Each channel driven)	
1 kHz front CH	[SC-HT17] 100 W per channel (6 Ω) [SC-HT15] 35 W per channel (4 Ω)
1 kHz surround CH	[SC-HT17] 45 W per channel (4 Ω) [SC-HT15] 35 W per channel (4 Ω)
1 kHz center CH	150 W per channel (4 Ω)
100 Hz subwoofer CH	160 W per channel (4 Ω)
Total DIN output power	[SC-HT17] 600 W [SC-HT15] 450 W

DIN power output: Stereo Mode

(at 240 V for areas other than continental Europe)

T.H.D. 1 %	
1 kHz front CH	[SC-HT17] 90 W per channel (6 Ω) [SC-HT15] 35 W per channel (4 Ω)
100 Hz subwoofer CH	160 W per channel (4 Ω)
Total DIN output power	[SC-HT17] 340 W [SC-HT15] 230 W

Total harmonic distortion

Half power at 1 kHz (Front CH)	[SC-HT17] 0.1 % (6 Ω) [SC-HT15] 0.1 % (4 Ω)
--------------------------------	--

Input sensitivity

DVD, DVR/VCR, TV, GAME/AUX 400 mV, IHF'66

[SC-HT17] S/N at rated power (6 Ω)

DVD, DVR/VCR, TV, GAME/AUX 75 dB (85 dB, IHF'66)

[SC-HT15] S/N at rated power (4 Ω)

DVD, DVR/VCR, TV, GAME/AUX 75 dB (85 dB, IHF'66)

Input impedance

DVD, DVR/VCR, TV, GAME/AUX 47 kΩ

Tone controls

BASS	50 Hz, +10 to -10 dB
TREBLE	20 kHz, +10 to -10 dB

Digital input	OPTICAL	2
	COAXIAL	1

■ VIDEO SECTION (SC-HT17)

Output voltage at 1 V input (unbalanced) 1±0.1 Vp-p

Maximum input voltage 1.5 Vp-p

Input/output impedance 75 Ω

■ FM TUNER SECTION

Frequency range 87.50-108.00 MHz

Sensitivity

S/N 30 dB 1.5 μV/75 Ω

S/N 26 dB 1.3 μV/75 Ω

S/N 20 dB 1.2 μV/75 Ω

IHF usable sensitivity (IHF'58) 1.5 μV/75 Ω

IHF 46 dB stereo quieting sensitivity 22 μV/75 Ω

Total harmonic distortion

MONO 0.2 %

STEREO 0.3 %

S/N

MONO 60 dB (71 dB, IHF)

STEREO 58 dB (65 dB, IHF)

Frequency response 20 Hz-15 kHz, +1 dB, -2 dB

Image rejection at 98 MHz 40 dB

IF rejection at 98 MHz 70 dB

Stereo separation (1 kHz) 40 dB

Antenna terminal 75 Ω (unbalanced)

■ AM TUNER SECTION

Frequency range 522-1611 kHz (9 kHz steps)

530-1620 kHz (10 kHz steps)

Sensitivity 450 μV/m

Selectivity (at 999 kHz) 35 dB

■ SPEAKER SECTION

Front speaker (SC-HT17:SB-FS930) (SC-HT15:SB-FS880)

Type [SC-HT17] 2 Way, 3 Speakers, Bass-ref.
[SC-HT15] 2 Way, 2 Speaker, Bass-ref.

Speaker unit

Full range [SC-HT17] 8 cm cone type x 2, 6 Ω

[SC-HT15] 8 cm cone type, 4 Ω

Super tweeter [SC-HT17] 6 cm Ring Shaped Dome type, 6 Ω

[SC-HT15] 6 cm Ring Shaped Dome type, 4 Ω

Input power (IEC) [SC-HT17] 170 W (Max)

[SC-HT15] 70 W (Max)

Output sound pressure level [SC-HT17] 84 dB/W (1.0 m)

[SC-HT15] 81 dB/W (1.0 m)

Crossover frequency

Frequency range [SC-HT17] 75 Hz-50 kHz (-16 dB)

90 Hz-45 kHz (-10 dB)

[SC-HT15] 78 Hz-50 kHz (-16 dB)

90 Hz-45 kHz (-10 dB)

Dimensions (W x H x D) 260 x 1172 or 1233 x 269 mm

Mass [SC-HT17] 4.4 kg

[SC-HT15] 3.9 kg

Surround speaker (SC-HT17:SB-FS880) (SC-HT15:SB-FS15)

Type 2 Way, 2 Speaker, Bass-ref.

Speaker unit

Full range 8 cm cone type, 4 Ω

[SC-HT17] Super tweeter 6 cm Ring Shaped Dome type, 4 Ω

[SC-HT15] Tweeter Piezo type, 4 Ω

Input power (IEC) 70 W (Max)

Output sound pressure level [SC-HT17] 81 dB/W (1.0 m)

[SC-HT15] 80 dB/W (1.0 m)

Crossover frequency [SC-HT17] 7 kHz

[SC-HT15] 5 kHz

Frequency range [SC-HT17] 78 Hz-50 kHz (-16 dB)

90 Hz-45 kHz (-10 dB)

[SC-HT15] 85 Hz-30 kHz (-16 dB)

95 Hz-27 kHz (-10 dB)

Dimensions (W x H x D) [SC-HT17] 260 x 1172 or 1233 x 269 mm

[SC-HT15] 100 x 324 x 111 mm

Mass [SC-HT17] 3.9 kg

[SC-HT15] 0.9 kg

Center speaker (SC-HT17:SB-PC930) (SC-HT15:SB-PC15)

Type 2 Way, 3 Speakers, Bass-ref.

Speaker unit

Full range 6.5 cm cone type x 2, 4 Ω

[SC-HT17] Super tweeter 6 cm Ring Shaped Dome type, 4 Ω

[SC-HT15] Tweeter 6 cm cone type, 4 Ω

Input power (IEC) 260 W (Max)

Output sound pressure level 82 dB/W (1.0 m)

Crossover frequency 5 kHz

Frequency range [SC-HT17] 110 Hz-50 kHz (-16 dB)

140 Hz-45 kHz (-10 dB)

[SC-HT15] 110 Hz-45 kHz (-16 dB)

140 Hz-35 kHz (-10 dB)

Dimensions (W x H x D) 320 x 84 x 95.5 mm

Mass 1.4 kg

Active subwoofer (SC-HT17:SB-WA17) (SC-HT15:SB-WA15)

Type 1 Way, 2 Speaker, Bass-ref.

Speaker unit (Woofer) [SC-HT17] 15 cm cone type, 4 Ω

[SC-HT15] 13 cm cone type, 4 Ω

Output sound pressure level [SC-HT17] 84 dB/W (1.0 m)

[SC-HT15] 80 dB/W (1.0 m)

Frequency range [SC-HT17] 34 Hz-220 Hz (-16 dB)

38 Hz-190 Hz (-10 dB)

[SC-HT15] 40 Hz-220 Hz (-16 dB)

45 Hz-180 Hz (-10 dB)

Dimensions (W x H x D) [SC-HT17] 202 x 410 x 500 mm

[SC-HT15] 200 x 367.5 x 492 mm

Mass [SC-HT17] 13.7 kg

[SC-HT15] 11.3 kg

■ GENERAL

Power supply

For the United Kingdom, Australia and New Zealand

AC 230-240 V, 50 Hz

For continental Europe AC 230 V, 50 Hz

Power consumption

(Main unit) 25 W

(Subwoofer) [SC-HT17] 390 W

[SC-HT15] 340 W

Dimensions (W x H x D) (Main unit) 430 x 63 x 260 mm

Mass (Main unit) [SC-HT17] 1.85 kg

[SC-HT15] 1.8 kg

Power consumption in standby mode: 1 W

Notes:

1. Specifications are subject to change without notice.

Mass and dimensions are approximate.

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

For main unit

Marking sign is located on bottom of the unit.

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:

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.

THIS UNIT IS INTENDED FOR USE IN MODERATE 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.

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.

CAUTION!

Do not place anything on top of this unit or block the heat radiation vents in any way. In particular, do not place tape decks or CD/DVD players on this unit as heat radiated from it can damage your software.