SHARP®

MODEL

HT-SB110

SOUND BAR HOME THEATRE SYSTEM

OPERATION MANUAL

Thank you for purchasing this SHARP product. To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product.
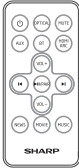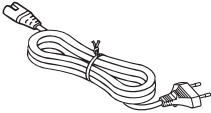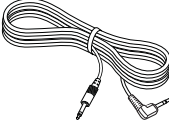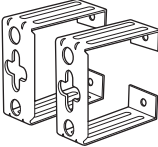
HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Bluetooth®

WALL MOUNTABLE

Accessories

The following accessories are included.

Remote control x 1	**AC Power Cord x 1**	**Plug adaptor x 1 (for Philippines only)**
Audio cable x 1	**Wall Bracket x 2**	**Wall-mounting screws set x 1**

Contents

Special notes

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

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Precautions

■ General

● Please ensure a minimum distance of 5 cm around the apparatus for sufficient ventilation. Do not block any ventilation openings of this product.

● Use the sound bar on a firm, level surface free from vibration.

● Keep the sound bar away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic/electrical equipment (home computers, facsimiles, etc.) which generate electrical noise.

● Do not place anything on top of the sound bar.

● Do not expose the sound bar to moisture, to temperatures higher than 60°C (140°F) or to extremely low temperatures.

● If the sound bar does not work properly, unplug and plug it in again. Then turn it on.

● In case of an electrical storm, unplug the sound bar for safety.

● Hold the AC power plug by the head when removing it from the wall socket, as pulling the lead can damage internal wires.

● The AC power plug is used as a disconnect device and shall always remain readily operable.

● **Do not remove the outer cover, as this may result in electric shock. Refer internal service to your local SHARP service facility.**

● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.

● No naked flame sources, such as lighted candles, should be placed on the apparatus.

● Attention should be drawn to the environmental aspects of battery disposal.

● This unit should only be used within the range of 5°C - 35°C (41°F - 95°F).

● The apparatus is designed for use in moderate climates.

● SHARP is not responsible for damage due to improper use. Refer all servicing to a SHARP authorised service centre.

Warning:

● The voltage used must be the same as that specified on this sound bar. Using a higher voltage is dangerous and may result in a fire or other type of accident causing damage. SHARP will not be held responsible for any damage resulting from such usage.

● When the ⏻ button is set at STAND-BY position, mains voltage is still present inside the sound bar. When the ⏻ button is set at STAND-BY position, the sound bar may be brought into operation by the remote control.

● This sound bar contains no user serviceable parts. Never remove covers unless qualified to do so. This sound bar contains dangerous voltages, always remove mains plug from the socket before any service operation and when not in use for a long period.

● To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

● ▣ This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

■ Volume control

The sound level at a given volume setting depends on speaker efficiency, location and various other factors. It is advisable to avoid exposure to high volume levels, which occurs whilst turning the sound bar on with the volume control setting up high, or whilst continually listening at high volumes.
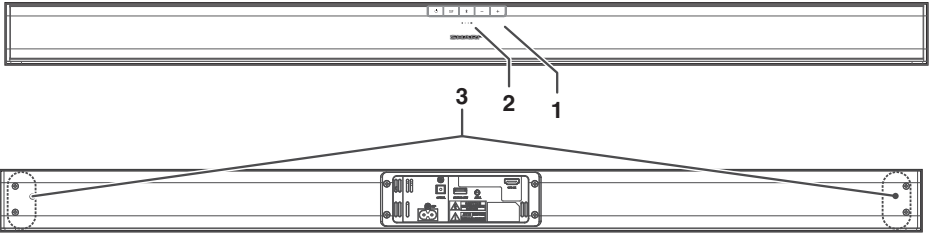
■ Front panel

1 Remote Control Sensor

2 LED Indicators
- ● Red indicator: In STANDBY mode.
- ● Green indicator: In AUX mode.
- ● Orange indicator: In Optical mode.
- ● Blue indicator: In Bluetooth mode.
- ○ White indicator: In HDMI ARC mode.

3 Wall bracket screws

4 ⏻ button
Switch the sound bar between ON and STANDBY mode.

5 ⏏ button
Select the input function.

6 ✳ button
Select the Bluetooth mode. Press and hold to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.

7 +/- buttons
Increase/decrease the volume level.
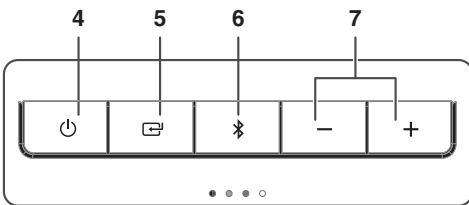
■ Rear panel

1 AC~ Socket
Connect power cord.

2 OPTICAL Socket
Optical input jack.

3 SERVICE ONLY Socket
The USB socket is for service only. It is not designed for playback or to charge smart-phones, tablets or similar devices.

4 AUX 1 Socket
Connect to an external audio device.

5 HMDI ARC Socket
Connect to a TV via HDMI cable.

1

3

4

5

6

7

SHARP

Plastic shield

Remote control

Battery holder
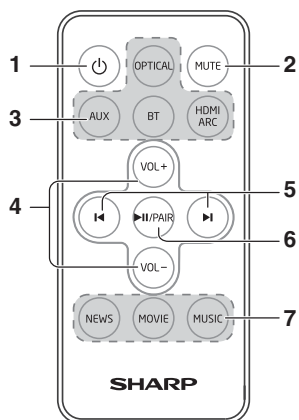
■ Remote control

1 ⏻ – Switch the sound bar between ON and STANDBY mode.

2 **MUTE** – Mute or resume the sound.

3 **Function buttons** – Select the input function.

4 **VOL+/VOL-** – Increase/decrease the volume level.

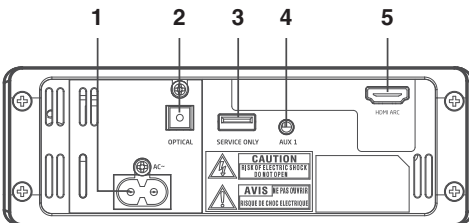**5** |◀ / ▶| – Skip to previous/next track in Bluetooth mode.

6 ▶|| / **PAIR** – Play/pause/resume playback in Bluetooth mode. Press and hold to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.

7 **Equalizer buttons** – Select a preset sound mode.
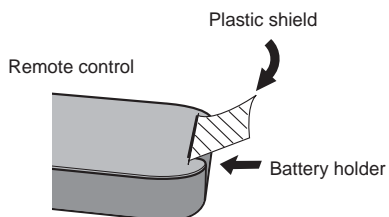
Note:
Before using the remote control, please remove plastic shield at battery holder.

⚠ WARNING

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

● The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just two (2) hours and can lead to death.

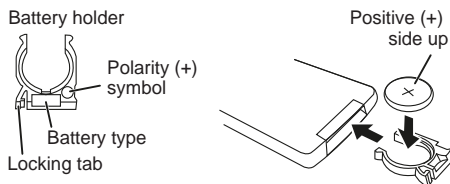● Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

● If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

■ Battery installation

1 While pushing the locking tab towards the centre of the remote control, slide out the battery holder.

Back of remote control

Locking tab
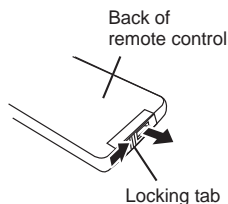
2 Remove the old battery from the battery holder, insert the new battery and then slide the battery holder back into the remote control.

Battery holder

Polarity (+) symbol

Battery type

Locking tab

Positive (+) side up

Precautions for battery use:

Remove the battery if the sound bar will not be used for a long period of time. This will prevent potential damage due to battery leakage.
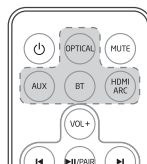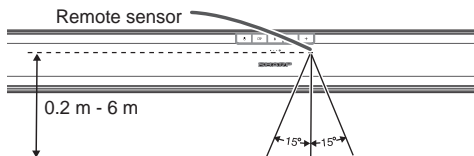
Caution:

● Do not use rechargeable battery (nickel-cadmium battery, etc.).

● Danger of explosion if battery is incorrectly replaced.

● Replace only with the same or equivalent type.

● Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

● Installing the battery incorrectly may cause the sound bar to malfunction.

Notes concerning use:

● Replace the battery if the operating distance is reduced or if the operation becomes erratic. Purchase "CR 2025", coin lithium battery.

● Periodically clean the transmitter on the remote control and the sensor on the sound bar with a soft cloth.

● Exposing the sensor on the sound bar to strong light may interfere with operation.

● Change the lighting or the direction of the sound bar if this occurs.

● Keep the remote control away from moisture, heat, shock, and vibrations.
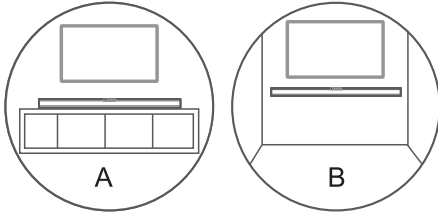
■ Test of the remote control

The remote control can be used within the range shown below:

Remote sensor

0.2 m - 6 m

15° 15°

System preparation

A: Normal Placement (place Sound bar on levelled surface in front of TV)

B: Wall Mounting

■ Wall mounting

Make sure to unplug the AC power lead before installing the sound bar or changing the position.

Cautions:
- Be very careful to prevent the sound bar [1.3 kg (2.9 lbs.)] from falling when mounting on the wall.
- Before mounting, check the wall strength. (Do not put on the veneer plaster or whitewashed wall. The sound bar may fall.) If unsure, consult a qualified service technician.
- Mounting screws are not supplied. Use appropriate ones.
- Check all wall mount angle screws for looseness.

  Select a good location. If not, accidents may occur or the sound bar may get damaged.
- **SHARP is not responsible for accidents resulting from improper installation.**

Notes:
- Installation must be carried out by qualified personnel only. Incorrect assembly can result in severe personal injury and property damage (if you intend to install this product yourself, you must check for installations such as electrical wiring and plumbing that may be buried inside the wall). It is the installer's responsibility to verify that the wall will safely support the total load of the sound bar and wall brackets.
- Additional tools (not included) are required for the installation.
- Do not overtighten screws.
- Keep this instruction manual for future reference.
- Use an electronic stud finder to check the wall type before drilling and mounting.

1 Remove the rear screws from the sound bar.

2 Attach the wall brackets to the sound bar with the screws removed from it.
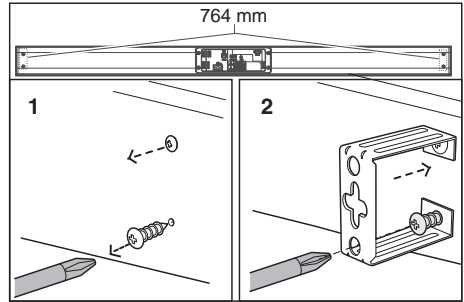
3 Drill 2 parallel holes (Ø 4mm - 8mm each according to wall type) in the wall. The distance between the holes should be 764 mm. Firmly fix 1 dowel into each hole in the wall if necessary.
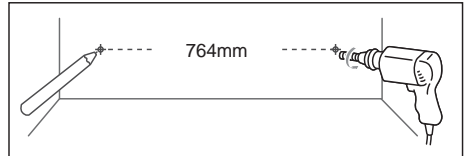
4 Leave a 5mm gap between the wall and the screw's head. Lift the sound bar with the attached wall brackets over the heads of the screws and slot into place.
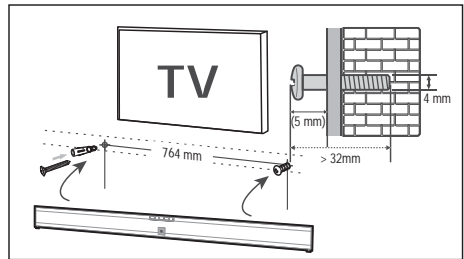
■ Optical input

Remove the protective cap of the OPTICAL socket, then connect an OPTICAL cable (not included) to the TV's OPTICAL OUT socket and the OPTICAL socket on the sound bar.

TIP:

While in HDMI ARC/OPTICAL mode, if there's no sound output from the sound bar and the HDMI ARC/OPTICAL indicator blinks quickly, you may need to activate PCM signal output on your source device (eg. TV, DVD or Blu-ray player).

■ AUX

A : Use an RCA to 3.5 mm audio cable (not included) to connect the TV's audio output sockets to the AUX 1 socket on the sound bar.

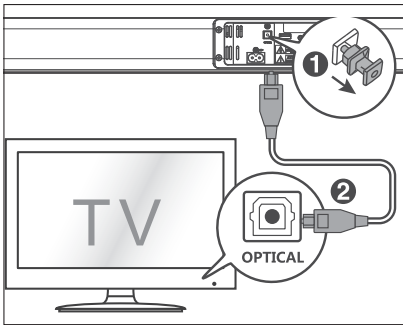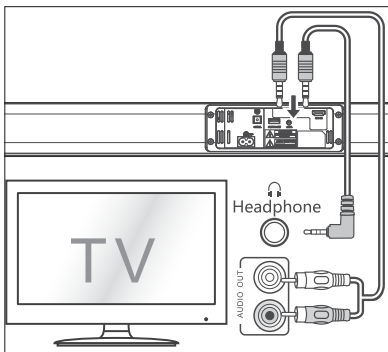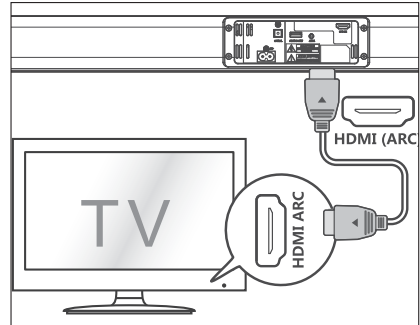**B :** Use a 3.5mm to 3.5mm audio cable (not included) to connect the TV's or external audio device headphone socket to the AUX 1 socket on the sound bar.

TIP:

When you use the headphone output on the TV set, you will be able to adjust the volume level directly using the TV remote control.

■ HDMI ARC input

The ARC (Audio Return Channel) function allows you to send audio from your ARC- compliant TV to your sound bar through a single HDMI connection. To enjoy the ARC function, please ensure your TV is both HDMI-CEC and ARC compliant and set up accordingly. When correctly set up, you can use your TV remote control to adjust the volume output (VOL +/- and MUTE) of the sound bar.

● Connect the HDMI cable (not included) from the sound bar's HDMI (ARC) socket to the HDMI (ARC) socket on your ARC compliant TV. Then press the remote control to select HDMI ARC.

TIPS:

● Your TV must support the HDMI-CEC and ARC function. HDMI-CEC and ARC must be set to On.

● The setting method of HDMI-CEC and ARC may differ depending on the TV. For details about ARC function, please refer to your TV owner's manual.

● Only HDMI cables of version 1.4 or higher can support the ARC function.

■ Connect to power
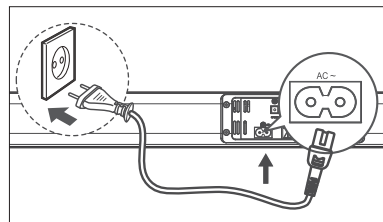
● Before connecting the AC power cord, ensure you have completed all other connections.

● **Risk of product damage!** Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the sound bar.

● Connect the mains cable to the AC~ Socket of the sound bar and then into a mains socket.

General control

■ Standby / ON

● When you first connect the sound bar to the main socket, it will be in STANDBY mode. The POWER indicator will light up red.

● Press the ⏻ button on the remote control to switch the sound bar ON or OFF.

● Disconnect the main plug from the main socket if you want to switch the sound bar off completely.

● During stand by mode, the sound bar will automatically power on if it detects audio signal from HDMI/ARC or AUX 1 connection that has been set up between the sound bar and your device.

● When the sound bar has no input signal for over 15 minutes, it will automatically switch to Standby mode.

■ To select input modes

Press the ⏏ button on the sound bar repeatedly or press the AUX, BT (Bluetooth), OPTICAL, HDMI ARC buttons on the remote control to select the desired mode.

● Green indicator: In AUX mode.

● Orange indicator: In Optical mode.

● Blue indicator: In Bluetooth mode.

○ White indicator: In HDMI ARC mode.

■ Adjust the Volume

● Press the + / - buttons on the sound bar or press the VOL+ / VOL- buttons on the remote control to adjust the volume.

● If you wish to turn the sound off, press the MUTE button on the remote control. Press the MUTE button again or press the VOL+ / VOL- buttons on the sound bar or on the remote control to resume normal listening.

● While adjusting the volume, the status indicator blinks quickly.

● While the volume level reaches its minimum or maximum level, if you press VOL- or VOL+ button again, the status indicator will be blinking.

■ Select Equaliser (EQ) effect

● While playing, press the NEWS or MOVIE or MUSIC buttons on the remote control to select between preset equalizers: Movie (recommended for viewing movies), Music (recommended for listening to music), NEWS (recommended for listening to NEWS).

AUX / OPTICAL / HDMI ARC

1 Ensure that the sound bar is connected to the TV or audio device.

2 While in ON mode, press the ⏏ button on the sound bar repeatedly or press the AUX, OPTICAL, HDMI ARC buttons on the remote control to select the desired mode.

3 Operate your audio device directly for playback features.

4 Press the VOL +/– button to adjust the volume to your desired level.

TIP:

While in HDMI ARC/OPTICAL mode, if there's no sound output from the sound bar and the HDMI ARC/OPTICAL indicator blinks quickly, you may need to activate PCM signal output on your source device (eg. TV, DVD or Blu-ray player).

Bluetooth operation

■ Pair Bluetooth-enabled devices

First time you connect your Bluetooth device to this sound bar, you need to pair your device to this sound bar.

Notes:

● The operation range between this sound bar and a Bluetooth device is approximately 8 meters (without any object between the Bluetooth device and the sound bar).

● Before you connect a Bluetooth device to this sound bar, ensure you know the device's capabilities.

● Compatibility with all Bluetooth devices is not guaranteed.

● Any obstacle between this sound bar and a Bluetooth device can reduce the operation range.

● If the signal strength is weak, your Bluetooth receiver may disconnect, but it will re-enter pairing mode automatically.

1 While in ON mode, press the (Bluetooth) button on the remote control or on the sound bar to select Bluetooth mode. The blue indicator will be blinking.

2 Activate your Bluetooth device and select the search mode. "HT-SB110 SHARP" will appear on your Bluetooth device list.

 ● If you cannot find the sound bar, press and hold the " ▶ll / PAIR" button on the remote control to be searchable. "Pairing" voice will be heard the blue indicator will blink rapidly.

3 Select "HT-SB110 SHARP" in the pairing list. After the "Paired" voice prompt, the system is successfully connected and the blue indicator will light up.

4 Begin playing music from the connected Bluetooth device.

Bluetooth operation (continued)

To disconnect the Bluetooth function, you can:

- Switch to another function on the sound bar.
- Disable the Bluetooth function on your device. The device is successfully disconnected from the sound bar after the "Disconnected" voice prompt.
- Press and hold "▶II / PAIR" button on the remote control.

TIPS:

- Enter "0000" for the password if necessary.
- If no other Bluetooth device pairs with this sound bar in 2 minutes, the sound bar will reconnect to the previous connection.
- The sound bar will also be disconnected when your device is moved beyond the operational range.
- If you want to reconnect your device to this sound bar, place it within the operational range.
- If the device is moved beyond the operational range, when it is brought back, please check if the device is still connected to the sound bar.
- If the connection is lost, follow the instructions above to pair your device to the sound bar again.

■ Listen to Music from Bluetooth Device

- If the connected Bluetooth device supports Advanced Audio Distribution profile (A2DP), you can listen to the music stored on the device through the sound bar.
- If the device also supports Audio Video Remote Control Profile (AVRCP), you can use the sound bar's remote control to play music stored on the device.

1 Pair your device with the sound bar.
2 Play music via your device (if it supports A2DP).
3 Use supplied remote to control play (if it supports AVRCP).

- To pause/resume play, press the ▶II / PAIR button on the remote control.
- To skip to a track, press the I◀ / ▶I buttons on the remote control.

Troubleshooting

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this sound bar, review the following before requesting service.

No power

- Ensure that the AC cord is properly connected.
- Ensure that there is power at the AC outlet.
- Press standby button on the remote control or sound bar to turn the sound bar on.

No sound

- Increase the volume. Press VOL+ on the remote control or + button on the sound bar.
- Press MUTE button on the remote control to ensure the sound bar is not muted.
- Press ⏎ buttons to select a different input source.
- When using either of the Digital input, if there is no audio:
  - Try setting the TV output to PCM or
  - Connect directly to your Blu-ray/other source, some TVs do not pass through digital audio.
- Your TV may be set to variable audio output. Confirm that the audio output setting is set to FIXED or STANDARD, not VARIABLE. Consult your TV's user manual for more detailed information.
- If using Bluetooth, ensure that the volume on your source device is turned up and that the device is not muted.

Remote control does not work

- Before you press any button, first select the correct source.
- Reduce the distance between the remote control and the sound bar.
- Insert the battery with its polarities (+/-) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the sound bar.

I hear buzzing or humming

- Ensure all cables and wires are securely connected.
- Connect a different source device (TV, Blu-ray player, etc) to see if the buzzing persists. If it does not, the problem may be with the original device.
- Connect your device to a different input on the sound bar.

I can't find the Bluetooth name of this sound bar on my Bluetooth device

- Ensure the Bluetooth function is activated on your Bluetooth device.
- Re-pair the sound bar with your Bluetooth device.

This is a 15 minutes power off function, one of the ERPII standard requirement for saving power

- When the sound bar's external input signal level is too low, it will be turned off automatically in 15 minutes. Please increase the volume level of your external device.

Specification

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual unit.

■ General

Power source	AC 220-240 V ~ 50/60 Hz
Power consumption	30 W
Power consumption (standby)	< 0.5 W
Output power	2 x 15 W (RMS)
Frequency response	60 Hz - 20 kHz
Dimensions	Width: 800 mm Height: 62 mm Depth: 62 mm
Weight	1.3 kg

■ Bluetooth

Version	V 4.2
Maximum power transmitted	< 20 dbm
Frequency bands	2402 MHz - 2480 MHz

■ Remote control

Battery type	CR2025

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