

SHARP

ENGLISH

MODEL

HT-SB116

SOUND BAR HOME THEATER 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.



Note:

This product is recommended for flat panel TV (LED, LCD and plasma).

SHARP CORPORATION

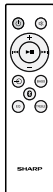


TINSEA568AWZZ

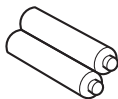
Printed in Malaysia
21L R MW ①

Accessories

The following accessories are included.



Remote control x 1



**“AAA” size battery
(UM/SUM-4, R3, HP-16
or similar) x 2**

Special notes

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

Precaution

■ General



- Please ensure that the equipment is positioned in a well ventilated area and ensure that there is a free space along the sides, top and back of the equipment as below.



- 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 sound bar 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.
- Do not use chemicals for cleaning (benzine, thinner or alcohol). Also do not allow volatile substances such as insecticides, cosmetics (perfumes, creams, sprays, etc.), sunscreens, insect repellents, etc. to adhere to the unit's surface. It may damage the surface finish or cause discolouration.

Precaution (continued)

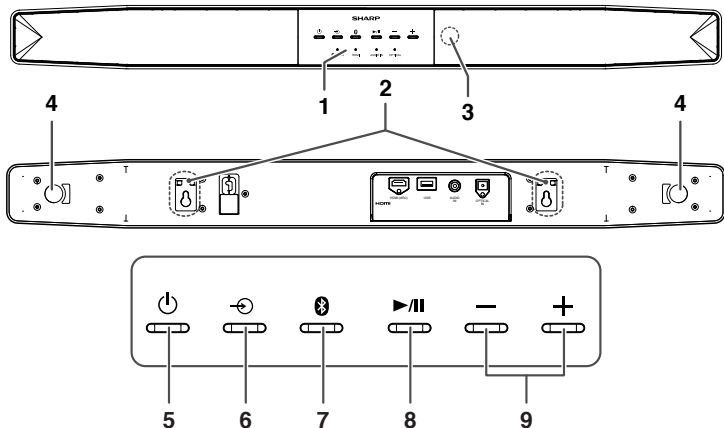
Warnings:

- 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 STANDBY position, mains voltage is still present inside the sound bar. 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 while continually listening at high volumes.

Controls and indicators



■ Front panel

1. LED Indicators

RED	In Standby mode
MAGENTA	In USB mode
BLUE	In Bluetooth mode
WHITE	In HDMI mode
GREEN	In Audio In mode
ORANGE	In Optical In mode

2. Wall bracket holes

3. Remote Control Sensor

4. Duct ports

5. button

Switch the sound bar between ON and STANDBY mode.

6. button

Select the input function.

7. button

Press to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.

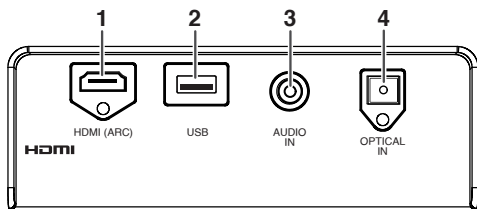
8. button

Play or pause in Bluetooth and USB modes.

9. / buttons

Decrease or increase the volume level.

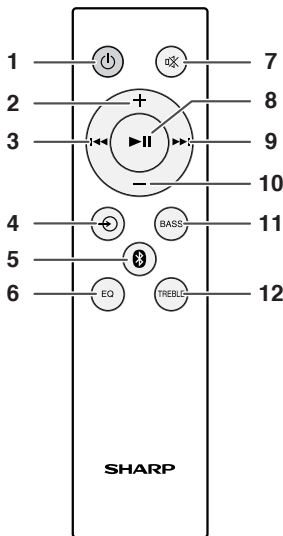
Controls and indicators (continued)



■ Rear panel

- 1. HDMI ARC terminal**
Connect to a TV via HDMI cable.
- 2. USB terminal**
Plug in USB device to playback audio files from it.
- 3. Audio In terminal**
Connect to an external audio device.
- 4. Optical In terminal**
Optical input socket.

Controls and indicators (continued)

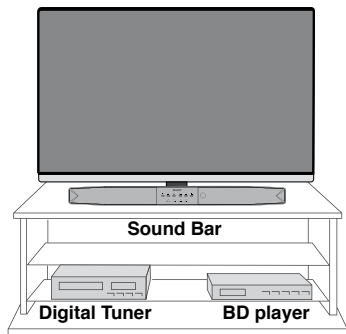


■ Remote control

1. **⏻ button** – Switch the sound bar between ON and STANDBY mode.
2. **+ button** – Increase the volume level.
3. **⏮ button** – Skip to previous sound track.
4. **↺ button** – Select the input function.
5. **📶 button** – Press to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.
6. **EQ button** – Select a preset sound mode.
7. **🔇 button** – Mute or resume the sound.
8. **▶⏸ button** – Play or pause playback.
9. **⏭ button** – Skip to next sound track.
10. **- button** – Decrease the volume level.
11. **BASS button** – Change the bass level.
12. **TREBLE button** – Change the treble level.

Placing the system

Installation image:



Place the system as shown.

Note:

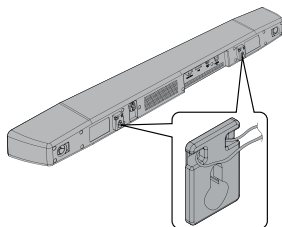
The front panel of the sound bar is not removable.

Caution:

- Do not change the installation direction when the sound bar is turned on.
- Do not stand or sit on the sound bar as you may be injured.
- Do not allow any objects to fall into or to be placed in the bass reflex duct.

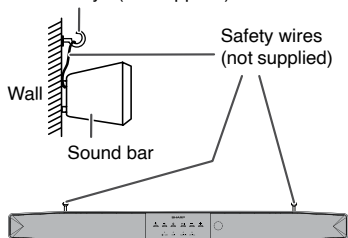
Falling prevention

Safety wires (not supplied) are useful to prevent the sound bar from falling.

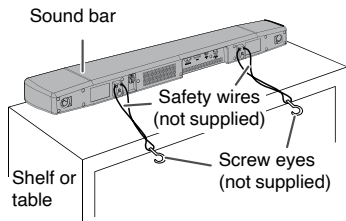


■ When mounting on the wall

Screw eye (not supplied)



■ When placing on the shelf/table



Sound bar preparation

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

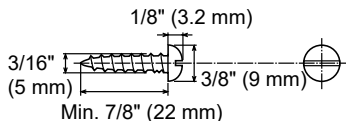
To mount the sound bar on the wall.

Cautions:

- Be very careful to prevent the sound bar [1.7 kg (3.7 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.**

■ Driving screws

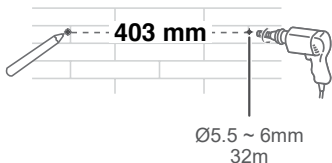
SHARP designed the sound bar so you may hang it on the wall. Use proper screws (not supplied). See below for size and type.



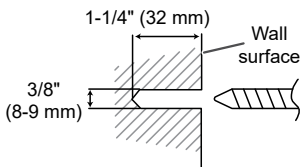
Sound bar preparation (continued)

■ Installing the sound bar

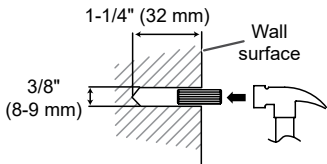
1. Mark two screw points on the wall as below distance.



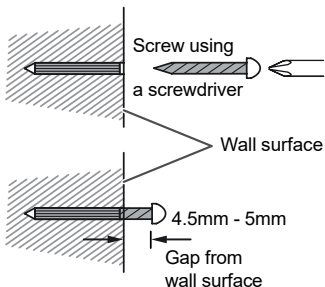
2. Make a hole on the wall following the screw point marks by using a drill.



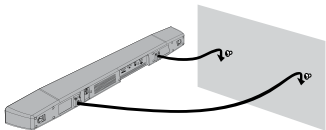
3. Fix a wall mount plug into the hole using a hammer, until it is flushed with the wall surface.



4. Fasten the screws to the wall as shown below. (Total screw is 2 pieces)



5. Hang the sound bar onto the screws.



System connection

Caution:

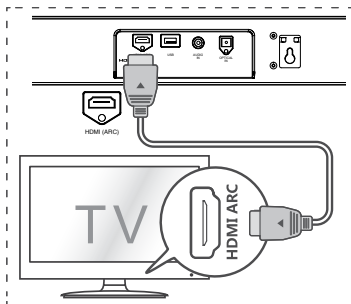
Turn off all other equipment before making any connections.

Notes:

- To connect to TV/player, use HDMI ARC, AUDIO IN or OPTICAL IN terminals located at the rear of the sound bar.
- Refer the operation manual of the equipment to be connected.
- Fully insert the plugs to avoid fuzzy pictures or noises.
- If the TV volume is continuously at low level, the sound bar will automatically power off. Increase the TV output volume to enjoy the sound from the system.
- If the TV volume is continuously at low level, the sound bar will automatically power off. Increase the TV output volume to enjoy the sound from the system.
- To avoid desynchronised audio and video when using an external player, connect the output signal from the player to TV and the audio output (from TV) to the sound bar.

System connection (continued)

■ HDMI ARC input

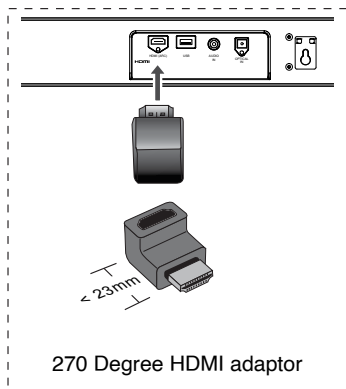


The ARC (Audio Return Channel) function allows you to send audio from your ARC-compliant TV to your sound bar through a single HDMI connection. To enjoy the ARC function, please ensure your TV is both HDMI-CEC and ARC compliant and set up accordingly. When correctly set up, you can use your TV remote 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) terminal to the HDMI (ARC) terminal on your ARC compliant TV. Then press the remote control to select HDMI ARC.

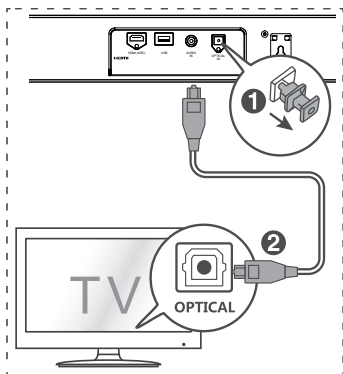
Notes:

- 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
- 270 degree HDMI L-shaped adaptor (commercially available) with length 23mm or less is recommended for wall mount installation as shown below.



System connection (continued)

■ Optical input



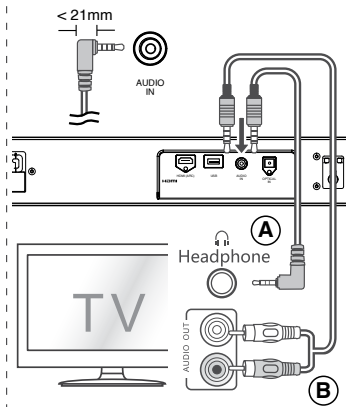
Remove the protective cap of the OPTICAL terminal, then connect an OPTICAL cable (not included) to the TV's OPTICAL OUT terminal and the OPTICAL terminal on the sound bar.

Note:

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

■ Audio In

L-shaped adaptor or cable head with length 21mm or less is recommended for wall mount installation.



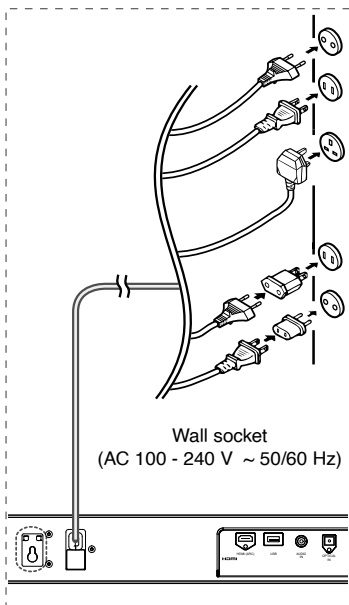
- A.** Use a 3.5mm to 3.5mm audio cable to connect the TV's or external audio device headphone terminal to the Audio In terminal on the sound bar.
- B.** Use an RCA to 3.5 mm audio cable (not included) to connect the TV's audio output terminals to the Audio In terminal on the sound bar.

Note:

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 depending on the TV's condition.

System connection (continued)

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



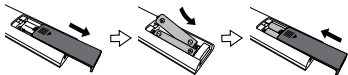
■ Connect to power

- 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 into a mains socket.

Remote control

Battery installation

1. Open the battery cover.
2. Insert the battery according to the terminal indicated in the battery compartment. When inserting or removing the battery, push it toward the (-) battery terminals.
3. Close the cover.



Caution:

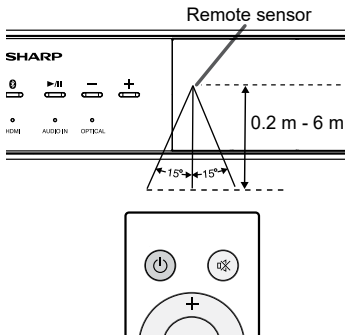
- Replace all old batteries with new ones at the same time.
- Do not mix old and new batteries.
- Remove the battery if the sound bar will not be used for a long period of time. This will prevent potential damage due to battery leakage.
- Do not use rechargeable battery (nickel-cadmium battery, etc.).
- Installing the battery incorrectly may cause the sound bar to malfunction.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic. Purchase 2 “AAA” size batteries (UM/SUM-4, R03, HP-16 or similar)
- 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.
- 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:



General control

■ To turn the power on

- When you first connect the sound bar to the main socket, it will be in STANDBY mode. The LED indicator will light up red.
- Press the  button on the sound bar or remote control to switch the sound bar ON or OFF.
- Disconnect the main plug from the main socket if you want to switch off the sound bar completely.

Note:


The system will automatically power on if TV or similar component which supports HDMI CEC, is turned on.

To set the sound bar to standby mode:

- During stand by mode, the sound bar will automatically power on if it detects audio signal from HDMI/ ARC, OPTICAL 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.

■ Eco mode

- The first time the sound bar is plugged in, it will enter standby mode (Eco mode off). LED indicator turns red.
- To cancel the standby mode, perform the following procedure.

During standby mode, press and hold the  button for 6 seconds. Sound bar indication light turns off.


Note:

When turning on the power from Eco mode, it may take some time until the power is turned on.

Caution:



During Eco mode, very small power is consumed when the power cord is connected.

To cancel the Eco mode:



When the sound bar is turned off, press and hold the  button for 6 seconds. LED indicator lights up in red.

General control (continued)

■ Volume control

- Press the + or – buttons on the sound bar or remote control to adjust the volume.
- If you wish to turn the sound off, press the  button on the remote control. Press the  button again or press the + or – buttons on the sound bar or remote control to resume normal listening.
- While adjusting the volume, each time the + or – button is pressed, the status indicator blinks 1 time.
- When the volume level reaches its minimum or maximum level, if + or – button is pressed again, the status indicator blinks 3 times.

■ Muting (remote control)


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

■ Select Equaliser (EQ) effect

Press the EQ button on the remote control repeatedly to select between preset equalisers.

NEWS	Magenta LED flashes in 2 seconds
MOVIE	White LED flashes in 2 seconds
MUSIC	Green LED flashes in 2 seconds
GAME	Orange LED flashes in 2 seconds

■ Function selection

Press the  button on the sound bar or remote control repeatedly to select the desired mode. LED indicator :

MAGENTA	In USB mode
BLUE	In Bluetooth mode
WHITE	In HDMI mode
GREEN	In Audio In mode
ORANGE	In Optical In mode

General control (continued)

■ Audio format

During the HDMI ARC and OPTICAL IN function the LED indicator will light up to indicate the audio format.

Audio format		LED indicator
PCM (Pulse code modulation)	This is a general term for digitally encoded audio signals on a CD or DVD. This sound bar lets you enjoy playback of digital signals from sources such as CD or DVD.	GREEN

Note:

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

General control (continued)

■ Auto power on function

Auto power on function works only during standby mode. It will not work if the sound bar is in low power consumption mode .

Optical In:

Turn off the external source. The sound bar will automatically power on if the external source is turned on again.

■ Auto power off and auto detect signal

The sound bar will automatically go to standby mode if:

Optical In:

No audio signal is detected after approximately 15 minutes.

Bluetooth:

Not connected condition, in the pause or stop mode and no incoming signal from device after approximately 15 minutes.

USB:

In the stop mode or no USB device is plugged in after approximately 15 minutes.

■ Bass and treble control (remote control)


Bass control:

1. Press the BASS button.
2. Within 5 seconds, press the + / - button to adjust the bass.

Treble control:

1. Press the TREBLE button.
2. Within 5 seconds, press the + / - button to adjust the treble.

AUDIO IN / OPTICAL / HDMI ARC

1. Ensure that the sound bar is connected to the TV or audio device.
2. While in power on mode, press the  button on the sound bar or remote control repeatedly to select the desired mode.

WHITE	In HDMI mode
GREEN	In Audio In mode
ORANGE	In Optical In mode

3. Operate your audio device directly for playback features.
4. Press the + or – button to adjust the volume to your desired level.

Note:

While in HDMI ARC or OPTICAL mode, if there is no sound output from the sound bar and the HDMI ARC or OPTICAL indicator blinks quickly, you may need to activate PCM signal output on your source device (E.g. 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.
- Bluetooth pairing from your device to this sound bar can be done during stand by and power on mode at all functions. However, Bluetooth playback from the source device is applicable at Bluetooth function only.

Bluetooth operation (continued)

1. While in power on mode, press the  button on the sound bar or remote control repeatedly to select Bluetooth mode. The blue indicator will be blinking.
2. Activate your Bluetooth device and select the search mode. "HT-SB116 SHARP" will appear on your Bluetooth device list.
 - If you cannot find the sound bar, press the  button on the sound bar or remote control to be searchable. The blue indicator will blink rapidly.
3. Select "HT-SB116 SHARP" in the pairing list. The system is successfully connected when the blue indicator lights up.
4. Begin playing music from the connected Bluetooth device.

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 when the blue indicator blinks rapidly.
- Press the  button on the sound bar or remote control.

Notes:

- 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.

Bluetooth operation (continued)

■ 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 control to control play (if it supports AVRCP).
 - To pause or resume play, press the ►/|| button on the sound bar or remote control.
 - To skip to a track, press the ◀◀ or ▶▶ buttons on the remote control.

■ Various Bluetooth functions (remote control)

Function	Button	Operation
Play / Pause	►/	To play or pause.
Skip up / fast forward	▶▶	<ul style="list-style-type: none">• Skip to next song.• Press and hold to fast forward.
Skip down / fast reverse	◀◀	<ul style="list-style-type: none">• Skip to song beginning.• Press and hold to fast reverse.

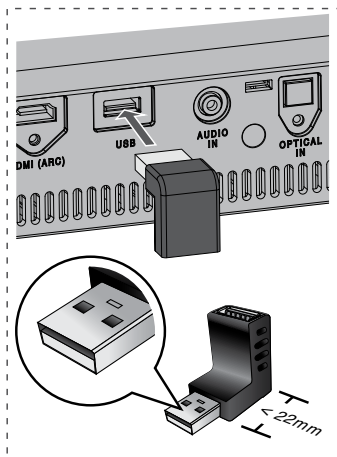
Note:

Fast forward/reverse operations depends on the device connected.


USB operation




Notes:

- This product is not compatible with MTP and AAC file systems from USB mass storage device.
- USB L-shaped adaptor (commercially available) with length 22mm or less is recommended for wall mount installation as shown below.




■ To play back USB




1. Press the  button on sound bar or remote control repeatedly to select USB function. Magenta indicator will light up.
2. Plug in the USB memory device that has MP3 format files to the USB terminal on the sound bar.

3. Playback will start automatically or else press the  button.
4. To skip to a track, press the  or  buttons on the remote control.

■ To remove USB

1. Press the  button to pause playback.
2. Unplug the USB memory device from the USB terminal.

■ Various USB functions (remote control)

Function	Button	Operation
Play / Pause		To play or pause.
Skip up / fast forward		<ul style="list-style-type: none">• Skip to next song.• Press and hold to fast forward.
Skip down / fast reverse		<ul style="list-style-type: none">• Skip to song beginning.• Press and hold to fast reverse.

Note:

Fast forward/reverse is invalid when playback a variable bitrate file.

Troubleshooting chart

Many potential problems can be resolved by the owner without calling a service technician. If something is wrong with this product, check the following before calling your authorised dealer or service centre.

■ General

Symptom	Possible cause
<ul style="list-style-type: none">● No sound is heard	<ul style="list-style-type: none">● The input signal (selection) is not set properly.● The volume level is set to "0".● Muting is activated.● The equipment used with this system is not HDMI compliance.● The HDMI cable is not correctly connected. Connect the HDMI cable correctly and then perform the reset procedure. (refer page 26)● Do not connect or disconnect an HDMI cable while power is on. This may lead to operation problems.
<ul style="list-style-type: none">● Power turns off suddenly.	<ul style="list-style-type: none">● The HDMI cable is not correctly connected. Connect it correctly and then perform the reset procedure. (refer page 26)
<ul style="list-style-type: none">● Noise is heard during playback.	<ul style="list-style-type: none">● Move the sound bar away from any computers or mobile phones.
<ul style="list-style-type: none">● When a button is pressed, the sound bar does not respond.	<ul style="list-style-type: none">● Set the sound bar to the standby mode and then turn it back on.
<ul style="list-style-type: none">● The power is not turned on.	<ul style="list-style-type: none">● The sound bar is unplugged.● The protection circuit may be activated. Unplug and plug in the power lead again after 5 minutes or more.

Troubleshooting chart (continued)

■ General (continued)

Symptom	Possible cause
<ul style="list-style-type: none">● Background noise appears when connecting with RCA audio output terminal connection from a TV-set/ DVD/Blu-ray Disc Player.	<ul style="list-style-type: none">● Please change to HDMI/ARC or headphone terminal from TV-Set/DVD/Blu-ray Disc Player. This effect may occur depending on TV/DVD/Blu-ray Disc Player - Brand, model and age, and it is not the sound bar problem.
<ul style="list-style-type: none">● The power is not turned on.	<ul style="list-style-type: none">● The sound bar is unplugged.● The protection circuit may be activated. Unplug and plug in the power lead again after 5 minutes or more.

■ Remote control

Symptom	Possible cause
<ul style="list-style-type: none">● The remote control does not operate properly.	<ul style="list-style-type: none">● The battery polarity is incorrect.● The battery is dead.● The distance or angle is incorrect.● There are obstructions in front of the sound bar.● There is a strong light shining on the remote sensor.● The remote sensor for another equipment is used simultaneously.● The remote control is not connected with the sound bar.
<ul style="list-style-type: none">● The sound bar cannot be turned on with the remote control.	<ul style="list-style-type: none">● The AC power lead of the sound bar is not plugged in.● Battery is not inserted.

Troubleshooting chart (continued)

■ Bluetooth

Symptom	Possible cause
<ul style="list-style-type: none">• No sound is heard.	<ul style="list-style-type: none">• The sound bar is too far from the Bluetooth stereo audio source device.• The sound bar is not paired with the Bluetooth stereo audio source device.
<ul style="list-style-type: none">• Bluetooth sound is interrupted or distorted.	<ul style="list-style-type: none">• The sound bar is too near to a device that generates electromagnetic radiation.

■ USB

Symptom	Possible cause
<ul style="list-style-type: none">• Device cannot be detected.• Playback does not start.	<ul style="list-style-type: none">• There is no MP3 file inside the device.• The device is not properly plugged in.• An MTP device is plugged in.• The files contains AAC files only.• A false MP3 file is being played back.

Troubleshooting chart (continued)

■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet or on the transmitter or the remote control. Condensation can cause the sound bar to malfunction. If this happens, leave the power on until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the sound bar.

■ If problem occurs during operation

When this product is subject to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

If such a problem occurs, do the following:

1. Set the sound bar to the standby mode and turn the power on again.
2. If the sound bar is not restored in the previous operation, unplug and plug in the sound bar again, and then turn the power on.

■ Factory reset, clearing all memory

Make sure to disconnect all output and input cables attached to the sound bar before performing the factory reset.

1. During standby mode, on the sound bar, press the **+** button.
2. Then, press and hold the **▶/||** button until white, green and orange LED indicator light up simultaneously.

Caution:

This operation will erase all data stored in memory.

Maintenance

■ Cleaning the cabinet

Periodically wipe the cabinet with a soft cloth.


Caution:

- Do not use chemicals for cleaning (petrol, paint, thinner, etc.). It may damage the cabinet finish.
- Do not apply oil to the inside of each component. It may cause malfunctions



Error indicators and warnings

When you fail to perform operations properly, the following messages are displayed.

On sound bar	Meaning
 Power indicator blinks red.	<ul style="list-style-type: none">• When the protection circuit is activated.• When there is no compatible sound input.

Note:

Should the same indicator appears even if the sound bar is unplugged and plugged in, or is set to the standby mode and on again, contact your local dealer where you purchased the sound bar.

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 100 - 240 V ~ 50/60 Hz
Power consumption	15 W Standby: < 0.4 W
Dimensions	Length: 800 mm Height: 72 mm Depth: 95 mm
Weight	1.7 kg
Output power	RMS: Total 60 W (30 W + 30 W) (10% T.H.D.)
Frequency response	20 Hz - 20 kHz
Input terminals	500 mV / 47 kΩ (AUDIO IN) Optical digital input (OPTICAL): Square type x 1 HDMI input: (Audio/HDMI ARC) x 1
Speaker system	Type: 1-way Bass Reflex stereo speaker system 5.7 cm full range

■ Bluetooth

Version	V 5.2
Maximum power transmitted	< 20dbm
Frequency bands	2.402 GHz - 2.480 GHz
Compatible Bluetooth Profile	A2DP (Advanced Audio Distribution Bluetooth 2.1 +EDR

Specification (continued)

■ USB (MP3)

USB host interface	<ul style="list-style-type: none">• Complies with USB 1.1 (Full Speed)/2.0 Mass Storage Class.• Support Bulk only and CBI protocol.
Support file	MPEG 1 Layer 3
Bitrate support	MP3 (32 ~ 320 kbps)
Other	Maximum total number of MP3 files is 999
File system support	Support USB devices with FAT 32.