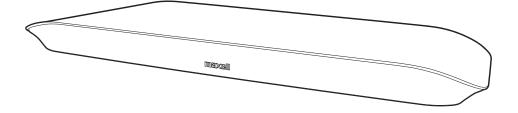
# maxell

# TV Soundbar **SSB-3WB**

**Instruction Manual** 

V1.0

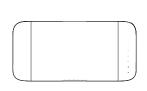


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1

## What's in the Box



Main Unit



Instruction Manual



Smart Remote Control (Maxell CR2025 lithium button battery included)



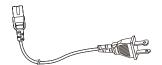
Line Cable (3.5mm to 3.5mm) (For TV Headphone Output)



Line Cable (RCA to RCA) (For TV Line out)



DOs and DON'Ts Leaflet



AC Power Cable (For US)

#### Important Safety Instructions



DO NOT REMOVE COVER (OR BACK), NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



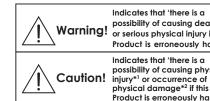
The lightning flash with arrowhead symbol, within an equilateral trianale, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude as to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the apparatus.

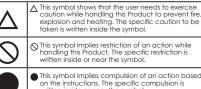
#### Reading the user's manual

- The contents of this user's manual may be modified without any prior notification.
- The appearance and specifications may be partially modified without any prior notification.
- The Company shall not be responsible for any injury caused by fire, earthquake or a third party, as well as any injury that occur due to intentional or accidental mishandling or improper use by the customer.
- Company shall not be held responsible for any damages that may occur due to employment of a usage method not designated in the user's manual.
- Company shall not be held responsible for any damages that may occur due to malfunctioning of the Product resulting from the use of this Product together with other devices
- This Product is not intended for use in facilities and equipment which may affect human lives, including medical equipment, nuclear devices, aerospace equipment and transport equipment, as well in facilities and equipment which require a high degree of reliability. Company shall not be held responsible for any accident resulting in personal injury or death or any fire accident that may occur due to failure of this Product when this Product is used in the control systems of those facilities and equipment.



possibility of causing death or serious physical injury if this Product is erroneously handled Indicates that 'there is a possibility of causing physical Product is erroneously handled'

- \*1: Serious physical injury implies injuries such as loss of eyesight or injury, burns, electric shock, bone fracture or poisoning that have subsequent complications and which require hospitalization or long term hospital visit for medical treatment.
- \*2: Physical injury implies injury, burns and electric shock which do not require hospitalization or long-term hospital visit for medical treatment.



This symbol implies restriction of an action while handling this Product. The specific restriction is written inside or near the symbol. This symbol implies compulsion of an action based on the instructions. The specific compulsion is written inside or near the symbol.

#### Warnina

To reduce the risk of electric shock, do not expose this apparatus to moisture.

#### Warnina

The battery (battery or batteries or battery pack) must not be exposed to excessive heat such as sunshine, fire or the like.

FCC RF Radiation Exposure Statement Caution: This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

# Important Safety Instructions

Warning!	
Do not repair, modify or disassemble.	0
It may cause fire, electric shock or injury. The Company shall not be responsible for any physical damage caused by repairing, modification or disassembly. Also, any repairing of a fault caused by repairing, modification or disassembly by the user will be charged, even if it happens during the warranty period.	Don't
Keep the Product (Remote Control) out of reach of children.	On't
They may accidentally swallow the battery and cause choking and damage the stomach. The cord may entangle around the child's body and cause suffacction. If any accident occurs by any chance, please consult a doctor immediate	ely.
Do not use in a rainy or snowy place, by the	$\bigcirc$
waterside or in the bathroom.	Don't
It may cause fire or electric shock.	
Do not use if it is thundering.	$\diamond$
It may cause fire or electric shock.	Don't
Do not keep a flower vase, flowerpot, cup, or any container containing medicine, cosmetics or water, near the Product. They may break and get into the Product and cause fire or electric shock.	On't
Do not insert any kind of metal or easily	0
combustible object through the aperture. It may cause fire or electric shock.	Don't
Do not block any ventilation openings. It may get heated and cause fire. Install in accordance with the manufacturer's instructions.	On't
Do not put more than 50kg on top of this	0
apparatus.	Don't
It may damage the apparatus.	
Do not use a wrong power plug out of the 2	$\bigcirc$
power cords provided for this apparatus. It may damage the power plug and/or the power socket. It may cause fire or electric shock.	Don't

Caution!	
Do not keep in a shaky place.	0
The Product may fall and get damaged.	Don't
Do not keep in a place where lampblack or	0
steam falls.	Don't
It may cause fire or accident.	
Do not keep in a place which is directly hit by cold	0
air, or a place which is extremely cold.	On't
Dew may fall and cause short circuit or burnout.	
Do not listen in high volume continuously for a	$\bigcirc$
long time. Do not listen in high volume, which causes ringing	Don't
in the ears, continuously for a long time. It may	
damage hearing.	
Do not raise the volume excessively from the	-
beginning.	On't
Sudden high volume may damage hearing.	Don't
Minimize the volume before playing.	
Do not keep in an excessively hot place. sush as	0
radiators, heaters, stoves, or other apparatus	Don't
(including amplifiers) that produce heat.	Dont
The surface of the device or parts may get	
damaged, and may also cause fire. Do not keep	
especially in a closed car in summer, and in	
a place where sunlight directly falls or near a	
stove. This may cause leakage of battery fluid. Do not use in sandy beaches and sandy soil	-
	$\otimes$
where sand can easily enter, or in dusty locations. It may cause burnout, fire or accident.	Don't
Do not cover or wrap with a cloth or futon.	
Heat may get generated and deform the	$\odot$
Product, or Product may catch fire.	Don't
Do not keep a cathode-ray tube near it.	Â
Spots may appear because of it.	Don't
Ensure to refer the user's manual to connect to	A
an external device.	<u></u> Don't
Connect to an external device after carefully	
reading this user's manual and the user's manual	
of the external device, as well as after turning	
off the power.	
Do not plug or unplug the power plug with wet	$\otimes$
hands. It may cause electric shock.	Don't
Insert the power plug completely and firmly into	~
the outlet socket.	Don't
If the power plug is not inserted properly, fire may	Dont
occur due to electric shock or dust deposition.	
Turn off power when repairing or if not going to	$\wedge$
be used for a long time, and remove the power plug.	Caution!
Hot adhering to this may cause electric shock	
or physical damage.	

#### **Important Safety Instructions**

#### Safety

- Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Only use this product indoor.
- 6 Clean only with a dry cloth.
- 7 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where it exit from the apparatus.
- 8 Only use attachments/accessories specified by the manufacturer.
- 9 Do not override the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades - one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, ask an electrician to replace the obsolete outlet.
- 10 Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.



- 11 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 12 This is CLASS II apparatus with double insulation and no protective earth provided.
- 13 The mains plug is used as the disconnect device, the disconnect device must remain readily operable.
- 14 This apparatus is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the apparatus by a person responsible for their safety. Children should be supervised to ensure that they do not play with the apparatus.

- Never use the device unsupervised! Switch off the device whenever you are not using it, even if this only for a short while.
- The apparatus is not intended to be operated by means of an external timer or separate remote-control system.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not immerse this product in liquid.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

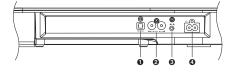
- Increase the separation between the equip ment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

#### Identifying the Parts

#### Main Unit: Top View 6-\_ტ 0 -0 0 - 0 0 -16 0 ۰¢ POWER BLUETOOTH BASS SRS OPTICAL ტ 1

- Turn on this unit or switch to Power standby mode.
- 2 🖼
- Select a source.
- 8 3 Pair Bluetooth-enabled device.
- Þ 4
  - Increase sound volume level.
- 5 🔿
- Decrease sound volume level.
- 6 Light indicators

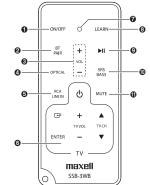
#### **Rear View**



- 1 OPTICAL Terminals
  - 1 Optical input jack.
- 2 RCA Terminals
- Standard RCA audio input jack. 3 LINE IN Terminals
- Standard 3.5mm audio input jack. 4 AC~ Power Plug

  - Connect a power cord.

#### **Smart Remote Control**



- 1 ON/OFF
- Turn on or turn off the unit.
- 2 BT/PAIR
  - Activate the pairing function in BLUETOOTH mode and disconnect the existing paired Bluetooth device. .
- 3 VOL+/- (Volume)
- Adjust sound volume level
- 4 Optical
  - Select OPTICAL source or activate Audio Return Channel (ARC) function.
- 5 RCA/LINE IN
- Select RCA or LINE IN Source input. 6 TV Learning Zone
  - Store some TV Remote Control functions onto the Smart Remote Control. (see P.12 for detail)
- 7 LEARNING INDICATION LIGHT.
- On: Learning mode activated
- Off: Learning mode inactivated (see P.12 for detail)
- 8 LEARN
  - Activate learning mode to setup commands from the TV remote control, to control some TV functions.
- 9 ►11
  - Plays/pauses/resumes playback in Bluetooth mode.
- 10 SRS/BASS
  - Switch on or turn off SRS WOW HD effect.
  - Select Bass boost level 1,2 or no Bass boost effect.
- 11 MUTE
  - Mute or resume sound from the unit.

#### **Getting Started**

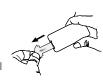
#### Prepare the Smart Remote Control

The Smart Remote Control provided allows the unit to be operated from a distance.

- Even if the Smart Remote Control is operated within the effective range (6m), remote control operation may be impossible if there are any obstacles between the unit and the remote control.
- If the Smart Remote Control is operated near other products which generate infrared rays, or if other remote control devices using infrared rays are used near the unit, it may operate incorrectly. Conversely, the other products may operate incorrectly.

#### For First-time use:

The unit has a pre-installed lithium CR2025 battery. Remove the protective tab to activate the remote control battery.



#### To Replace the Smart Remote Control Battery:



- (A): Press down the flip on the left.
- (B) : Pull out the battery tray and remove the old battery.
- (C): Place a new CR2025 battery into the battery tray with correct polarity (+/-) as indicated.
- (D): Insert the tray back into the slot.

#### **Precautions Concerning Batteries**

- When the Smart Remote Control is not to be used for a long time (more than a month), remove the battery from the Smart Remote Control to prevent it from leaking.
- If the batteries leak, wipe away the leakage inside the battery compartment and replace the batteries with new ones.
- Do not use any batteries other than those specified.
- Do not heat or disassemble batteries. Never throw them in fire or water.
- Do not carry or store batteries with other metallic objects. Doing so could cause batteries to short circuit, leak or explode.
- Never recharge a battery unless it is confirmed to be a rechargeable type.

**WARNING:** The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

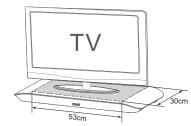
- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Model No: SSB-3WB with certification/registration number IC : 11096A-SSB3W

#### **Connections**

#### Place TV on top

Please read the DOs and DON'Ts Leaflet provided for proper installation position of the unit.



#### Warning:

Please turn down the volume of the TV, or other sources before connection. Loud sound might be suddenly produced.

#### **Connect to Power**

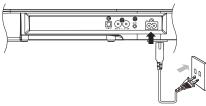
#### Caution:

Risk of product damage!

- Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electric shock! When you unplug the AC power, always pull the plug from the socket. Never pull the cord.
- Ensure the correct power cord is matched the main power socket. Using a wrong power cord might damage the power plug and the socket.

Connect the AC power cord to:

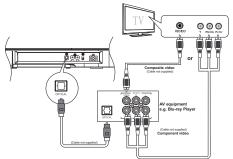
- the AC~ socket on this unit.
- the wall socket.



### Connect to TV

#### Using Optical IN socket

If your TV does not have HDMI sockets, please follow the set up below.



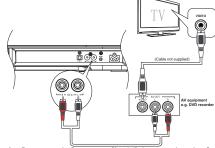
- a) Connect Optical output source into the unit.
- b) Connect Video output of the AV equipment into the Video input of TV via either,
  - 1) Component connection (Green, Blue, Red) (not supplied); or
  - 2) Composite connection (Yellow) (not supplied).

#### Note:

You can listen to the TV program sound from connecting to the unit via LINE-IN cable

#### Using RCA IN socket

For audio devices that do not support HDMI or Optical output, please follow the set up below.



a) Connect Composite Video output of the AV equipment e.g. DVD recorder to Composite Video input on the TV.

#### **Connections**

b) Connect Audio L-R output of the AV equipment to the LINE IN or RCA input onto the unit.

#### Note:

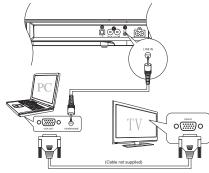
You can listen to the TV program sound from connecting to the unit via LINE-IN cable as shown previously on page 8.

#### Using Line-IN socket

You can listen to the sound of the TV program by connecting to the unit via LINE-IN cable.

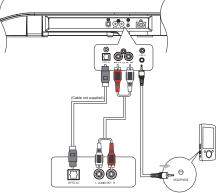
#### Note:

You can also connect to your PC with LINE-IN cable in the setup shown below.



#### Connect to an External Audio Device

You can connect to your audio devices, e.g. CD player, to enjoy purely music, via the following conections.



Audio Equipment, e.g. CD player, MP3 player

Auto-on/off function is applied in this unit. Auto-off is to facilitate people not to control the unit when no sound is playing in few minutes. And when there are sounds input again, the unit will switch on automatically after few seconds.

#### Warning:

If the volume of the TV or an external device via RCA or LINE IN is too low, the auto-off function will be triggered. When this situation happened for 2.5 minutes, LED source light will flash slowly on the unit for the next 30 seconds and the unit will switch to standby mode.

Please turn up the volume of the input source (not the unit, but, e.g. TV or MP3 player, etc.) slowly, until it returns to normal mode.

To avoid the auto-off being triggered unintentionally, pre-set the source volume higher and adjust the unit volume to a comfortable level.

#### Note:

You might hear the sound over-lapping from both the TV and the unit while following some of the suggestion connections. To avoid this, turn the volume of TV down to 0 or mute it.

#### **Basic Operation**

#### Turn On/Off

Turning the System ON/OFF Either,

- 1) Press the U button on the unit; or
- Press the ON/OFF button on the remote control.

#### Note:

When turning the system on, the system will continue in the mode was set last time. **Note:** 

Be sure to unplug the power cord from the outlet when the system is not in use for an extended period of time. POWER light indicator:

The unit will switch to standby mode when the audio cables are disconnected or when you turn off TV/external device after several minutes.

#### Select Sources

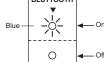
BLUETOOTH

Either,

1) Press BT/PAIR button on the remote control; or

2) 🚯 button on the unit,

will allow you to select Bluetooth source.



#### Optical/ARC

Either,

- 1) Press Optical button on the remote control; or
- 2) 🖃 button on the unit,

will allow you to select Optical source input for watching broadcasting TV program.

OPTICAL light indicator:

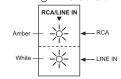


#### RCA/LINE IN Either,

 Press RCA/LINE IN button on the remote control; or

2) 🖃 button on the unit,

will allow you to select RCA or LINE IN source. RCA/LINE IN light indicator:



#### **Adjust Volume Level**

Either,

- Press the VOL +/- button on the remote control; or
- 2) Press 1)/1) button on the unit,
- to increase or decrease the volume level.

If the unit is connected to the TV headphone jack, you can control the Volume Level using the TV remote control.

#### **Mute Sound**

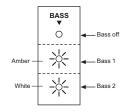
Press the MUTE button on the remote control to mute. Press this button again or VOL+/VOL- buttons on the remote control or on the unit to resume the sound. The light indicator on the unit will blink until sound resumes.

#### **Bass Boost**

Either,

- 1) Press BASS/SRS button on the remote control; or
- 2) Press 🖃 button on the unit, to turn on the bass. Press this button again to switch to level 2 or to turn it off.

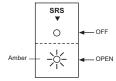
#### **Basic Operation**



#### Select SRS Sound

#### Fither

- 1) Press and hold SRS/BASE button on the remote control; or
- 2) Press 🖃 button on the unit to select SRS WOW HD effect. Press this button again to cancel the effect.



#### Play with Bluetooth Device

You can listen to music from a Bluetooth-enable device via this player.

#### Pair the Bluetooth-enabled devices

The first time you connect your Bluetooth device to this player, you need to pair your device to this player.

#### Note:

- The operational range between the main unit and a Bluetooth device is approximately 8 meters.
- Before you connect a Bluetooth device to this unit, familiarize yourself with the Bluetooth capabilities of the device.
- Compatibility with all Bluetooth devices is not guaranteed.
- Any obstacle between this unit and a Bluetooth device can reduce the operational range.
- Keep this unit away from other electronic
- devices that may cause interference. To connect your device to the unit via Bluetooth, follow the steps below:
- Switch the unit on. Press the 🚯 Button on the main unit or the **BT/PAIR** Button on the remote control repeatedly to select BLUETOOTH pairing mode, the BLUETOOTH Indicator will flash unit it pairs.

- 2 Activate your Bluetooth device and select the search mode.
- 3 "SSB-3WB" will appear on your Bluetooth device.
- Select "SSB-3WB" and enter "0000" for 4
- password if necessary. On successful pairing, the BLUETOOTH Indicator will light up steadily. 7

Tip

- If there is an existing connection, press the BT PAIR Button on the remote control to re-activate the pairing mode, the existing connection will be interrupted.
- If no other Bluetooth device pairs with this player within two minutes, the player will recover its previous connection.
- The player will also be disconnected when your device is moved beyond the operational ranae.
- If you want to reconnect your device to this player, 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 player.
- If the connection is lost, follow the instructions above to pair your device to the player 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 player.
- If the device also supports Audio Video • Remote Control Profile (AVRCP) profile, you can use the player's remote control to play music stored on the device.
- Pair your device with the player.
- Start playing music via your device 2
- (if it support A2DP) Use supplied remote control to control 3
- play (if it supports AVRCP)
- To pause/resume play, press the ► II button.

#### **Basic Operation**

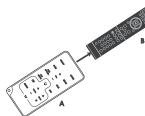
# Program Smart Remote Control to Control TV

You can store a total of up to seven of your most frequently used TV functions in the TV learning zone of the Smart Remote Control. This feature enables you to use only one remote control to operate the unit together with your TV.

The remote control codes of a TV are stored in the Smart Remote Control. The available preset buttons are ON/OFF U, FUNCTION □, ENTER, TV VOL+/VOL-, TV CH+/CH-. NOTE:

#### NOIE:

During the learning process, the normal remote control functions are disabled.



- 1 Place the Smart Remote Control (A) within a 5mm-50mm distance from the TV remote control (B), pointer to pointer as shown above.
- Press and hold the LEARN button for 2 seconds to activate the learning mode. A red indicator on the Smart Remote Control (A) will light up.
- 3 Press one of the TV learning zone buttons on the Smart Remote Control (A), the red indicator flashes.
- 4 Press the button on the TV remote control (B) that is to be stored on the Smart Remote Control (A). When the code is received successfully, the red indicator will quickly flash for 3 times, If the code is not successfully received, the red indicator will keep on flashing.
- 5 Repeat steps 3-4 to program more functions onto the Smart Remote Control (A).
- 6 Press the LEARN button to save the setting and to exit the learning mode. Red indicator will turn off immediately.

# Troubleshooting

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this unit, check the following points before requesting for service. Warranty void if case is opened.

Symptom	Likely Cause	What to do
No sound	Speaker not connected to active AC power	<ul> <li>Verify that speaker is connected and that the circuit is on.</li> </ul>
	Power not switched on	Switch on power and verify that power LED is on.
Suddenly No sound	Triggered auto-off function	<ul> <li>Turn the volume up of the source, e.g. TV, mp3 player, etc, and readjust the sound of the unit to trigger auto-on function.</li> <li>See No Sound symptom above.</li> </ul>
o sound, speaker is connected to orking AC power but sound won't	Cannot trigger auto-on function	<ul> <li>Increase the volume of the source input signal.</li> </ul>
come on	Speaker power cable is faulty or improperly connected Blown fuse	<ul> <li>Re-seat the power cable at both ends.</li> <li>Substitute a known-good power cable.</li> <li>Contact with your manufacturer for</li> </ul>
No sound. Speaker comes on	Faulty cables and connections	<ul> <li>repairment.</li> <li>Disconnect and re-seat signal cables.</li> <li>Make sure cables are plugged completely.</li> </ul>
		Replace suspected cable with a known-good cable.
Noise or hiss heard at output	Faulty Cables and connections	<ul> <li>Disconnect and re-seat signal cables.</li> <li>Make sure cables are plugged completely.</li> <li>Replace suspected cable with a known-good cable.</li> </ul>
	Noisy source device	<ul> <li>Disconnect the devices that are connected to your speaker one at a time. If the noise goes away, the problem is with the source or the connecting cable.</li> </ul>
um or Buzz that increases or decreases hen more than one source are	Interference internally	Disconnect or mute the other channels to solve the problem.
time	Faulty cable between source equipment and unit	• Substitute a known-good cable for the suspected faulty cable.
Smart Remote control does not work	No/Low battery power	<ul> <li>Remove the transparent film at the bottom of Smart Remote control.</li> <li>Insert/Replace remote control battery with a CR2025 battery. (see P.7)</li> </ul>
The Unit does not responds to the remote control	No/Low signal from remote control to the unit	<ul> <li>Reduce the distance between the Smart Remote control and the unit.</li> <li>Aim the Smart Remote control directly at the sensor on the front of the unit.</li> </ul>
	The unit responds but no sound	<ul> <li>Before you press any function button, first select the correct source.</li> <li>See Troubleshooting [No Sound] Symptom.</li> </ul>
HDMI ARC/CEC ERROR No Sound or Have sound but with error message shown on TV	TV CEC function is not compatible with unit CEC function.	<ul> <li>Check the TV CEC function and compatibility on TV user's manual.</li> <li>Disable TV CEC/ARC function</li> <li>Use other suggested connections.</li> </ul>
HDMI ARC/CEC ERROR Both TV and the unit has sound coming out	TV CEC function is not partially compatible with unit CEC function.	

# **Specifications**

General				
Power RequirementsAC 120V~60Hz				
Output Power:				
Front Speakers10W x 4				
Woofer				
Total Harmonic Distortion				
Audio Input Sensitivity/Impedance LINE:				
Frequency Response				
Unit Dimensions (W x H x D)				
NET Weight				
Speaker				
Front				
Impedance				
Rated Power10W				
Woofer				
Impedance				
Rated Power				
Remote				
Distance6m				
Angle				
Digital signal input/output information				
Digital Sampling frequency				

Warranty: 2 years

• Design and specifications are subject to change without notice.