

TOSHIBA

Leading Innovation >>>

Sound Bar Speaker System

User's Guide:

SBX4250KN

If you need assistance:

- ❖ Toshiba's Support Web site support.toshiba.com
Toshiba Canada Support Web site : www.toshiba.ca/support/ceg
- ❖ Call Toshiba Customer Support Center:
Within the United States at (800) 631-3811
Outside the United States at (949) 583-3050
From Canada at (800) 268-3404

For more information see "Troubleshooting" on page 17 in this guide.

Owner's Record

The model number and serial number are on the back and underside of your Sound Bar. Record these numbers in the spaces below. Refer to these numbers whenever you communicate with your Toshiba dealer about this Sound Bar.

Model name _____

Serial number _____

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Safety Precautions



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



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this User's Guide.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT OF AC POWER UTLET, THEN FULLY INSERT.

CHANGES OR MODIFICATIONS MADE TO THIS EQUIPMENT, NOT EXPRESSLY APPROVED BY TOSHIBA, OR PARTIES AUTHORIZED BY TOSHIBA, COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

To ensure proper use of this product, please read this User's Guide carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Warnings:

- The mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the main plug should be disconnected from the mains socket outlet completely.



The symbol for Class II
(Double Insulation)

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type 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, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the 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.
14. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
15. Never expose the apparatus to dripping or splashing or place items such as vases, aquariums, any other item filled with liquid, or candles on top of the unit.

Additional Safety Instructions

16. Do not place anything on top of this unit.
17. Do not place the apparatus on amplifiers or equipment that may produce heat.
18. Never block or cover the slots or openings in the unit. Never place the unit:
 - on a bed, sofa, rug or similar surface;
 - too close to drapes, curtains, or walls; or
 - in a confined space such as a bookcase, built-in cabinet, or any other place with poor ventilation.

The slots and openings are provided to protect the unit from overheating and to help maintain reliable operation.

19. If the apparatus should emit smoke or an unusual odor, immediately disconnect the power cord from the wall outlet. Wait until the smoke or smell stops, then ask your dealer for a check and repair. Neglecting to do so may cause fire.
20. During lighting, do not touch the connecting cables or the apparatus.
21. Warning: To prevent spread of fire, keep candles or other open flames away from this product at all times.

USA

Federal Communications Commission Statement

FCC Compliance Statement

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.

Interference

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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment 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.

Bluetooth® Wireless Technology and Your Health

The products with Bluetooth® wireless technology, like other radio devices, emit radio frequency electromagnetic energy. The level of energy emitted by devices with Bluetooth® wireless technology however is much less than the electromagnetic energy emitted by wireless devices such as mobile phones.

Because products with Bluetooth® wireless technology operate within the guidelines found in radio frequency safety standards and recommendations, TOSHIBA believes Bluetooth® wireless technology is safe for use by consumers.

These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists

who continually review and interpret the extensive research literature.

In some situations or environments, the use of Bluetooth® wireless technology may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may, for example, include in any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use the device with Bluetooth® wireless technology prior to turning on the equipment.

Precautions

On Safety

Do not handle the AC power cord with wet hands. When connecting or disconnecting the AC power cord, grip the plug and not the cord itself. Pulling the cord may damage it and create a hazard.

When you are not going to use the unit for a long period of time, disconnect the AC power cord.

On Recycling

This unit's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

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is a trademark of SRS Labs, Inc. TruSurround HD technology is incorporated under license from SRS Labs, Inc. SRS TruSurround HD® creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

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

Introduction

Safety icons

This guide contains safety instructions that must be observed to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data. These safety cautions have been classified according to the seriousness of the risk, and icons highlight these instructions as follows:

▲ DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

▲ WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

▲ CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE Provides important information.

Supplied Accessories

Remote Control (SE-R0429) with Batteries (AAA x 2)

User's Guide (this manual)

Quick Start Guide

Wall Mounting template

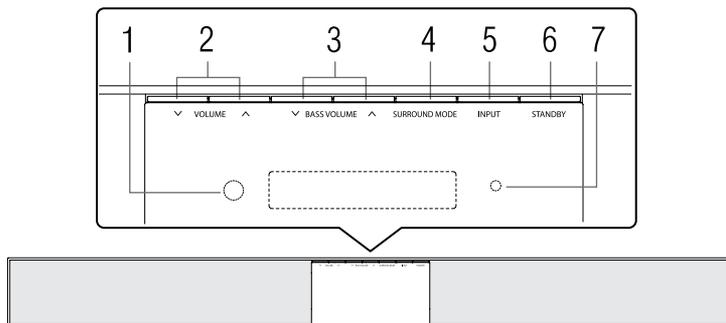
Switching power supply (AC Adapter)

Warranty Card

Stop Return Sheet

Sound Bar front panel

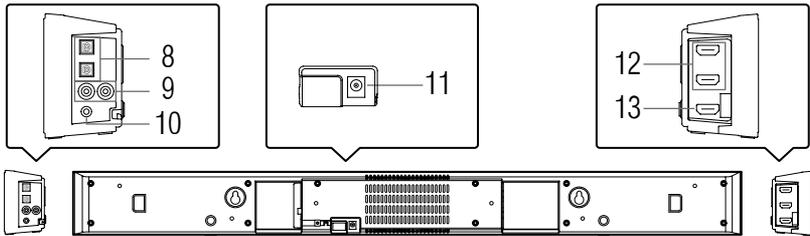
Sound Bar speaker system controls



(Sample Illustration) Front panel controls

Item:	Description:	Function:
1	Remote Sensor	
2	VOLUME button	Press to adjust the volume level.
3	BASS VOLUME button	Press to adjust the bass volume level.
4	SURROUND MODE button	Press to select the Stereo/SRS TruSurround HD/SRS TruBass.
5	INPUT button	Press to switch between HDMI® 1/2 (HDMI® IN), ARC (HDMI® ARC), BT (Bluetooth®), OPT 1/2 (OPTICAL IN), AUX (AUX IN) or LINE-IN.
6	STANDBY button	Press to turn on the unit or place it into standby mode. Note : To completely turn the unit off, you must unplug the switching power supply (AC Adapter).
7	Standby Indicator	Indicates whether the unit is ON or in STANDBY (OFF) mode. Light On: The unit is in STANDBY. Light Off: The unit is turned ON.

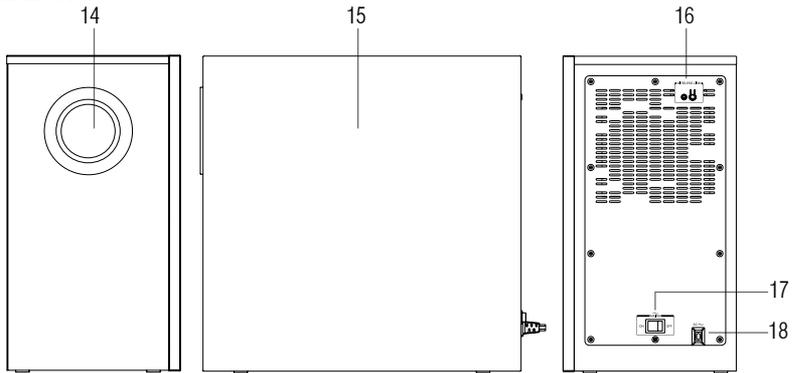
Sound Bar back panel



(Sample Illustration) Back panel connections

Item:	Description:	Functions:
8	OPTICAL IN jack (1) & (2)	Connects the optical audio input to another device, see “Connecting to an Audio System” on page 14.
9	AUX IN jack (L / R)	Connects other AV devices through the AUX IN jack, see “Connect audio through an analog audio cable” section on page 14.
10	LINE IN jack	Connects other AV devices through the LINE IN jack, see “Connect audio through an analog audio cable” section on page 15.
11	DC IN jack	Connects to the power supply, see “Connecting to a switching power supply (AC Adapter)” on page 15.
12	HDMI® IN jack (1) & (2)	HDMI® (High-Definition Multimedia Interface) cable connects to devices that have an HDMI® output. See Connecting to a compatible device section on page 13.
13	HDMI® OUT jack	Audio Return Channel (ARC) enables the audio signal of the TV to be sent to the Sound Bar via the HDMI® cable. See “Connecting to a TV using an HDMI® (ARC) cable” on page 13.

Subwoofer



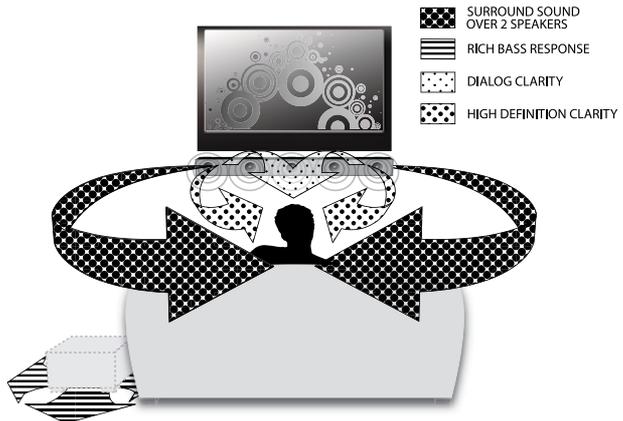
(Sample Illustration) Subwoofer connections

Item:	Description:	Functions:
14	Bass port	
15	Subwoofer Speaker	
16	WIRELESS LINK button	Press to pair the subwoofer with the Sound Bar.
	WIRELESS LINK indicator	The indicator is red when the wireless link is activated.
17	POWER switch	Switch to turn ON/OFF the subwoofer.
18	Power cord	Connects to a standard AC outlet to supply power to the subwoofer.

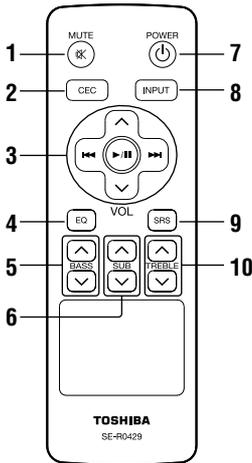


SRS TruSurround HD™

SRS TruSurround HD™ delivers immersive and natural surround sound without the need to add cumbersome rear speakers. TruSurround HD also improves vocal clarity to ensure dialog is always clearly understood even when challenged by loud sound effects common in today's soundtracks. Additionally, TruSurround HD uses specialized technologies to provide rich enveloping bass up to an octave beyond what the speakers are normally capable of producing while adding crisp, clear high-frequency detail all together providing a truly compelling listening experience.



Remote control



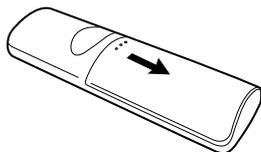
(Sample Illustration)
Remote control

Item:	Description:	Operation:
1	MUTE	Press to turn the sound off. Press again to cancel.
2	CEC	Press to turn the HDMI® CEC on/off.
3	^ VOLUME v	Press to adjust the volume level.
	◀◀ PRE/NEXT ▶▶	Press to go to the last track or advance to the next track in Bluetooth® mode.
	▶▶ PLAY/PAUSE	Press to play/pause the track in Bluetooth® mode.
4	EQ	Press to select the sound setting. (Flat/Rock/Pop/Jazz/Classic/Movie) NOTE: When in stereo mode, use EQ to select your settings.
5	^ BASS v	Press to adjust the bass volume level.
6	^ SUB v	Press to adjust the subwoofer volume level.
7	POWER	Press to turn the Sound Bar ON/OFF .
8	INPUT	Press to select the source. (HDMI® 1/2 (HDMI® IN), ARC (HDMI® ARC), BT (Bluetooth®), OPT 1/2 (OPTICAL IN), AUX (AUX IN), LINE-IN)
9	SRS	Press to select the Stereo / SRS TruSurround HD / SRS TruBass.
10	^ TREBLE v	Press to adjust the treble volume level.

Installing the batteries

Install the batteries (AAAx2), matching the polarity indicated inside the battery compartment of the remote control.

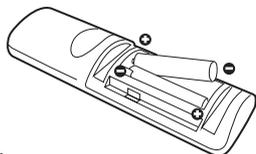
- 1 Open the battery cover.



*(Sample Illustration) Remote control
- Opening the battery cover*

- 2 Insert batteries.

Make sure to match the polarity marks (+ / -) on the batteries to the marks indicated in the battery compartment.



*(Sample Illustration) Remote control
- inserting the batteries*

- 3 Replace the battery cover.

▲ WARNING Never throw batteries in a fire. Doing so may cause the batteries to explode.

NOTE

Do not mix different battery types or combine used batteries with new ones.

If the remote control does not operate correctly, or if the operating range is reduced, replace both batteries with new ones.

If the batteries are dead or if you will not be using the remote control for a long time, remove the batteries to prevent battery acid from leaking into the battery compartment.

Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

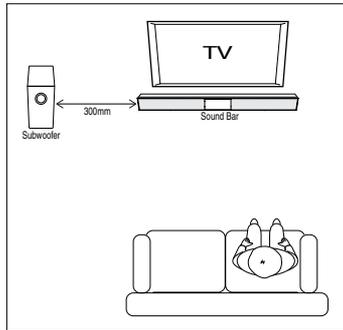
Replace only with the same type of battery or equivalent.

When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be strictly followed.

Sound Bar speaker system placement

The Sound Bar can be placed freestanding on a table or mounted on a wall. For the best surround sound experience, place your subwoofer as shown below.

NOTE Place the subwoofer at least 11.8" (300mm) away from the TV.



*(Sample Illustration)
Subwoofer placement*

Placing the unit on a wall

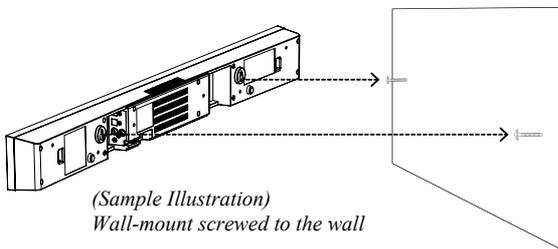
The Sound Bar requires additional mounting hardware that must be purchased separately.

1. Place the wall mounting template on the wall and then mark the locations of the screw holes.
2. Drill the screws (not supplied) into the wall carefully.
3. Gently hang the Sound Bar onto the screws in the wall.

NOTE We recommend that wall-mounting be carried out by a professional. The stand's "key-holes" are intended for use with #8 (Imperial) or M4 (Metric) pan head screws. Make sure that the wall-mounting screws are fixed securely enough so that it meets safety standards.

Allow at least 2" (5 cm) separation in all directions between the Sound Bar and other AV equipment (such as your TV or Set-Top Box).

It is recommended that all cables (AC adapter and Audio cables) be connected to the Sound Bar before placing it on the wall.



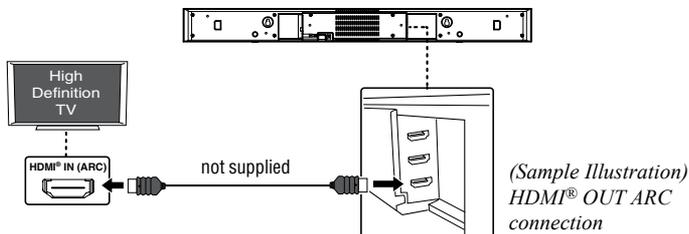
*(Sample Illustration)
Wall-mount screwed to the wall*

Sound Bar speaker system connections

Connecting to a TV using an HDMI® (ARC) cable.

This feature enables the audio signal of the TV to be sent to the Sound Bar via the HDMI® cable. The HDMI® cable is not included and must be purchased separately. Be sure that the connected TV has an HDMI® (ARC) compatible terminal. To connect the HDMI® ARC cable:

1. Connect an HDMI® cable from the HDMI® output jack on the Sound Bar to the HDMI® input jack on the TV.
2. Press the **INPUT** button to select the HDMI®-ARC mode and the display will be shown “ARC”.



NOTE

Do not tilt the connector when inserting it into the HDMI® jack, and make sure the shapes of the jack and the connector are aligned properly.

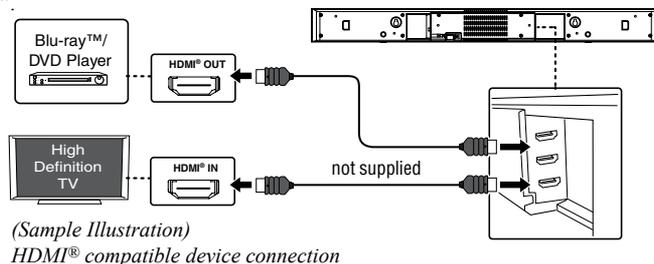
If your TV is not HDMI® (ARC) compliant, connect your Sound Bar to the TV through a standard HDMI® connection.

The optical digital audio cable connection is needed when the HDMI® cable is connected to a terminal that is not HDMI® (ARC). (For more information, please refer to “Connecting to an audio system” on page 14.)

Connecting to a compatible device.

You can output the audio signal from the compatible device (e.g. Blu-ray™ player, DVD player etc.) with this Sound Bar and pass the signal through to your TV.

1. Connect an HDMI® cable from the HDMI® input jack on the Sound Bar to the HDMI® output jack on the other device.
2. Connect an HDMI® cable from the HDMI® output jack on the Sound Bar to the HDMI® input jack on the TV.
3. Press the **INPUT** button to select the HDMI® mode and the display will be shown “HDMI-1” or “HDMI-2”.



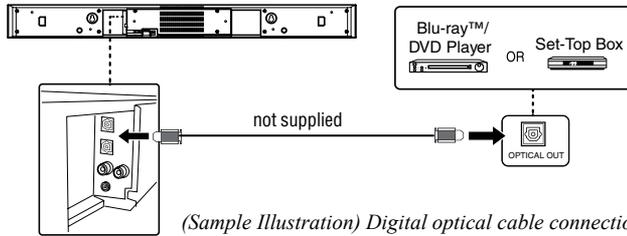
Connecting to an Audio System.

You can connect your Sound Bar to an audio system to play audio from other devices.

Connect audio through a digital optical cable

1. You can connect a optical cable from the OPTICAL input jack on the Sound Bar to the OPTICAL output jack on the other device.
2. Press the **INPUT** button to select the OPTICAL mode and the display will show “OPT-1” or “OPT-2”.

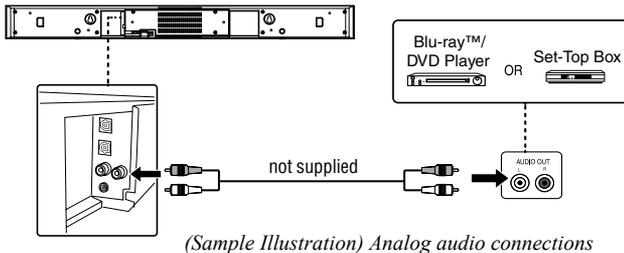
NOTE When your Sound Bar and TV are connected through HDMI® (ARC), an audio connection is not required.



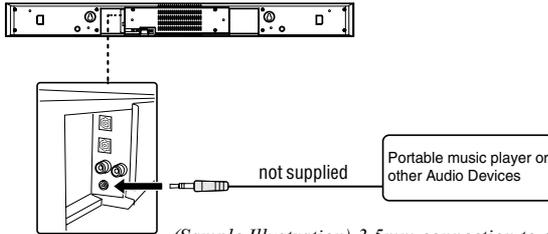
Connect audio through an analog audio cable.

You can connect an audio cable (not included) from the L/R AUX input jack on the Sound Bar to the Audio output jack on the other device.

1. Press the **INPUT** button to select the AUX IN mode and the display will show “AUX”.



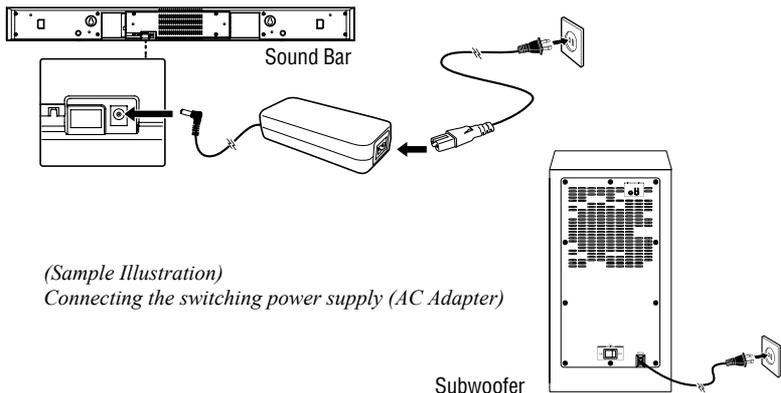
2. Connect a 3.5mm cable (not included) from the LINE input jack on the Sound Bar to the other device.
3. Press the **INPUT** button to select the LINE IN mode and the display will show “LINE-IN”.



Connecting to a switching power supply (AC Adapter).

Using a switching power supply (AC Adapter) other than the one supplied with the unit may damage the unit.

CAUTION Before use, ensure the rated voltage of the switching power supply (AC Adapter) matches your local voltage. The included switching power supply (AC Adapter) is for use with this unit only. Do not use it with other equipment. If you are not going to use the unit for an extended period of time, disconnect the switching power supply (AC Adapter) from the wall outlet. Whenever the switching power supply (AC Adapter) is plugged in to a wall outlet, the switching power supply (AC Adapter) will draw some power, even when the unit is turned off.



Subwoofer wireless connection

In order to use the subwoofer, you must pair it with the Sound Bar.

1. Connect the power cord to a wall outlet.
2. Turn on the Sound Bar.
3. Turn the **ON/OFF** switch on the back of subwoofer to turn on.
4. The Sound Bar and the subwoofer automatically pair up. The indicator is red when the wireless link is activated.

NOTE When the wireless link is deactivated, the Sound Bar will be shown “NO SUBWOOFER”. You can press and hold the ► button on the remote control for 8 seconds in HDMI®-2 mode. And then, press and hold the **WIRELESS LINK** button of the subwoofer for approximately 5 seconds until the red indicator is flash. The Sound Bar will show “PAIRED” when the Sound Bar and the subwoofer pair up.

Playing back via Bluetooth® enabled devices

1. Press the **INPUT** button to select Bluetooth® mode until the display is shown “BT”.
2. Once the Sound Bar is detected of your Bluetooth® enable device. Select the “Toshiba Soundbar” on your device.
3. Enter the PIN code.
PIN code : 0000
4. When this unit successfully paired with your Bluetooth® device, appears “CONNECTED”.
5. Select the desired music and press the **PLAY** button on your device.

NOTE For details, please refer to the user manual of your Bluetooth® device.

Troubleshooting

Problem:	Solution:
The unit does not switch on.	<p>Make sure it is plugged in.</p> <p>Press the STANDBY/ON button located on the top of the Sound Bar, and check to see if the STANDBY/ON indicator turns off.</p> <p>Turn the subwoofer power switch to ON.</p>
No sound from the sound bar	<p>Press the VOL ^ button of the Sound Bar.</p> <p>Ensure the source you have selected is outputting audio. If you are using "audio out" from your TV, please ensure your TV is configured to output audio (see TV's menu settings).</p> <p>Ensure your audio connections are properly made (check that you don't have any loose connections).</p> <p>Ensure you have selected the correct source (input) - the display of the Sound Bar will shown the currently-selected source (input).</p> <p>Press the MUTE button on the remote control to ensure the sound bar is not muted.</p>
No sound from the subwoofer	<p>Move the subwoofer closer to the Sound Bar.</p> <p>Ensure the subwoofer is turned on. Turn the subwoofer power switch to ON.</p> <p>Press the WIRELESS LINK button on the back of the subwoofer to re-link the subwoofer with the Sound Bar.</p>
Remote control does not work properly	<p>Check the following:</p> <p>The batteries are inserted correctly.</p> <p>The batteries are fresh.</p> <p>The remote control is pointed directly at the remote sensor of the unit.</p> <p>The remote control is not being used from too far a distance from the unit.</p> <p>Nothing is obstructing remote sensor (located on front of the unit).</p>

Maintenance

Servicing

Please refer to relevant topics in “Troubleshooting & Maintenance” on page 17 & 18 before returning the product.

If this unit becomes inoperative, do not try to correct the problem by yourself. There are no user-servicable parts inside. Turn off, unplug the power plug, and please call our helpline to locate an Authorized Service Center.

Cleaning the cabinet

Never use a solvent, thinner, benzene or alcohol to clean the unit. Do not spray insecticide liquid near the unit. Such chemicals may discolor the surface or damage the unit.

Specifications

NOTE These models comply with the specifications listed below. Designs and specifications are subject to change without notice. These models may not be compatible with features and/or specifications that may be added in the future.

Main unit:

Power requirements	DC 27.5V $\overline{=}$ 3.2A
Power output	75 watts (per channel at 4 ohms, 1 kHz/THD10%)
Power consumption	27W
Impedance	4 Ω
Dimensions (width x height x depth)	37.5" x 3.6" x 2.2" (954 x 92x 58mm)
Weight	4.9 lbs (2.2 kg)

Subwoofer:

Power requirements	AC 120 \sim 60Hz
Power output	150 watts (at 3 ohms, 100Hz/THD10%)
Power consumption	34W
Impedance	3 Ω
Dimensions (width x height x depth)	7.5" x 13.9" x 13.2" (193 x 355 x 336mm)
Weight	14.3 lbs (6.5 kg)

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