



JBL CINEMA SB180



OWNER'S MANUAL

IMPORTANT SAFETY INSTRUCTIONS

Verify Line Voltage Before Use

The JBL CINEMA SB180 (soundbar and subwoofer) has been designed for use with 100-240 volt, 50/60 Hz AC current. Connection to a line voltage other than that for which your product is intended can create a safety and fire hazard and may damage the unit. If you have any questions about the voltage requirements for your specific model or about the line voltage in your area, contact your retailer or customer service representative before plugging the unit into a wall outlet.

Do Not Use Extension Cords

To avoid safety hazards, use only the power cord supplied with your unit. We do not recommend that extension cords be used with this product. As with all electrical devices, do not run power cords under rugs or carpets, or place heavy objects on them. Damaged power cords should be replaced immediately by an authorized service center with a cord that meets factory specifications.

Handle the AC Power Cord Gently

When disconnecting the power cord from an AC outlet, always pull the plug; never pull the cord. If you do not intend to use this speaker for any considerable length of time, disconnect the plug from the AC outlet.

Do Not Open the Cabinet

There are no user-serviceable components inside this product. Opening the cabinet may present a shock hazard, and any modification to the product will void your warranty. If water accidentally falls inside the unit, disconnect it from the AC power source immediately, and consult an authorized service center.

TABLE OF CONTENTS

IMPORTANT SAFETY INSTRUCTIONS	2	8 RESTORE FACTORY SETTINGS	12
1 INTRODUCTION	4	9 SOFTWARE UPDATE	12
2 WHAT'S IN THE BOX	4	10 RE-CONNECT THE SUBWOOFER	13
3 PRODUCT OVERVIEW	5	11 PRODUCT SPECIFICATIONS	13
3.1 CONTROLS AND INDICATORS	5	12 TROUBLESHOOTING	14
3.2 CONNECTORS	6	13 TRADEMARKS	15
3.3 SUBWOOFER	6		
3.4 REMOTE CONTROL	6		
4 PLACE	7		
4.1 DESKTOP PLACEMENT	7		
4.2 WALL-MOUNTING	7		
5 CONNECT	8		
5.1 TV CONNECTION	8		
5.2 BLUETOOTH CONNECTION	9		
6 PLAY	9		
6.1 POWER-ON/AUTO STANDBY/AUTO WAKEUP	9		
6.2 PLAY FROM THE TV SOURCE	10		
6.3 PLAY FROM THE BLUETOOTH SOURCE	10		
7 SOUND SETTINGS	11		

1 INTRODUCTION

Thank you for purchasing the JBL CINEMA SB180 (soundbar and subwoofer) which is designed to bring an extraordinary sound experience to your home entertainment system. We encourage you to take a few minutes to read through this manual, which describes the product and includes step-by-step instructions for setting up and getting started.

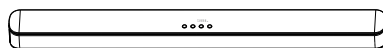
To make the most of product features and support, you may need to update the product software through the USB connector in the future. Refer to the software update section in this manual to ensure that your product has the latest software.

Designs and specifications are subject to change without notice. If you have any questions about the soundbar, installation or operation, please contact your retailer or customer service representative, or visit our website: www.jbl.com.

2 WHAT'S IN THE BOX

Unpack the box carefully and ensure that the following parts are included. If any part is damaged or missing, do not use it and contact your retailer or customer service representative.

Main unit



Subwoofer



Remote control (with 2 AAA batteries)



Power cord*



*Power cord quantity and plug type vary by region.

HDMI cable



Wall-mounting kit

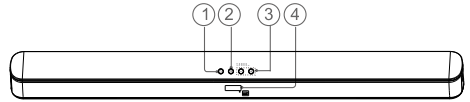


Product information & wall-mounting template



3 PRODUCT OVERVIEW

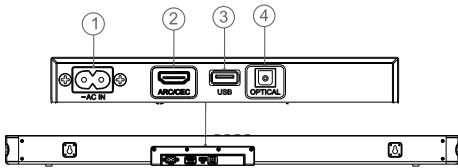
3.1 Controls and indicators



1. (Power)
 - Switch on or to standby
2. (Source)
 - Select a sound source: Bluetooth (default) or HDMI ARC (TV connected through the HDMI ARC connector), or Optical (TV / digital device connected through the OPTICAL connector)
3. (Volume)
 - Decrease or increase the volume
 - Press and hold to decrease or increase the volume continuously
 - Press the two buttons together to mute or unmute
4. Status indicators

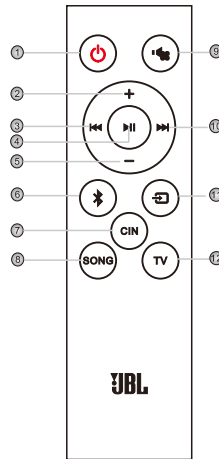
LED Display	Description
ON	POWER ON
OFF	POWER OFF
ARC	ARC
OPT	OPT
USB	USB
NOBT	NO BT
V08	VOLUME LEVEL 8
V00	MUTE OR VOL 0
STOP	STOP
00:00	PLAY TIME
SONG	SONG
CIN	CINEMA
TV	TV
CONNECTING SUB	CONNECTING SUB
DISCONNECT SUB	DISCONNECT SUB

3.2 Connectors



1. AC~
 - Connect to power
2. USB
 - USB connection for software upgrade and MP3 playback.
3. HDMI ARC
 - Connect to the HDMI ARC input on your TV
4. OPTICAL
 - Connect to the optical output on your TV or digital device

3.4 Remote Control



- 1 STANDBY
- 2 VOLUME+
- 3 PREVIOUS
- 4 PLAY/PAUSE
- 5 VOLUME-
- 6 BLUETOOTH
- 7 CIN
- 8 SONG
- 9 MUTE
- 10 NEXT
- 11 SOURCE
- 12 TV

• Press to switch on the unit. Press it again to put the unit in standby mode.

• Press to enter the BT(Bluetooth) mode.

• Press repeatedly to switch among BLUETOOTH, USB, OPTICAL IN and ARC mode.

• Press to enter the SONG equalizer mode.

• Press to enter the CIN equalizer mode.

• Press to enter the TV equalizer mode.

• Press to temporarily pause a playback. Press it again to resume the playback.
• Press and hold this button for 3 seconds to disconnect bluetooth connection.

• Press to skip to the next track.

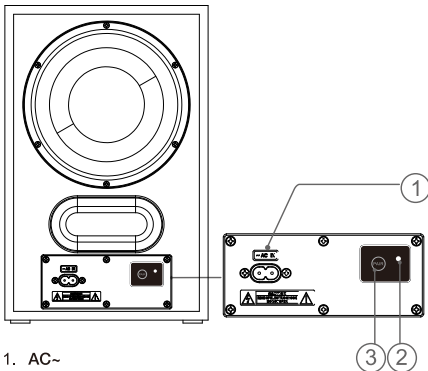
• Press to return to the previous track.

• Press to temporarily switch off the sound . Press it again to switch it on.

• Press [VOLUME+] to turn up the volume.

• Press [VOLUME-] to turn down the volume.

3.3 Subwoofer



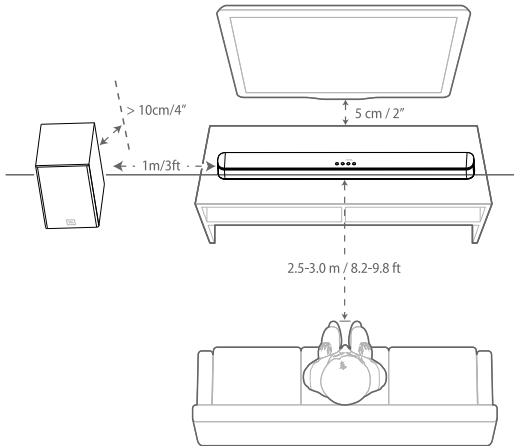
1. AC~
 - Connect to power
2. Connection status indicator

	Solid blue	Connected to the soundbar
	Flashing red	Pairing mode
3. PAIR
 - Press and hold to disconnect the connection subwoofer with the soundbar.

4 PLACE

4.1 Desktop placement

Place the soundbar and subwoofer on a flat and stable surface. Make sure that the subwoofer is at least 3 ft (1 m) away from the soundbar, and 4" (10 cm) away from a wall.



NOTES:

- The power cord shall be properly connected to power.
- Do not place any objects on the top of the soundbar or subwoofer.
- Make sure that the distance between the subwoofer and the soundbar is less than 20 ft (6 m).

4.2 Wall-mounting

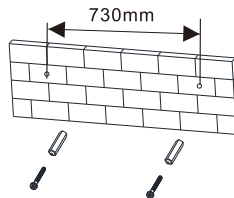


Diagram 1

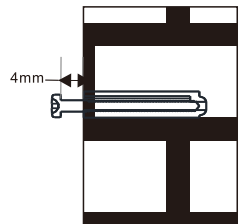


Diagram 2

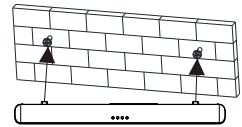
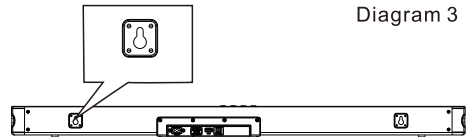


Diagram 3



In order to prevent injuries, the sound bar device must be securely fasten to the wall in accordance with the below installation instructions.

1. Drill the two holes (about 6mm diameter) in the wall and keep the distance between drill holes of the sound bar is 730mm. As shown in the picture on the right. Insert the two plugs supplied into two drilled holes and then insert two screws supplied into two holes and tighten. As shown in the picture above (diagram 1).
2. Take care to leave 4 mm between the screw heads and wall. As shown in the picture above (diagram 2).
3. Use the assembled sound bar to hang on the setscrews on the wall. As shown in the picture above (diagram 3).

NOTES:

- Make sure that the wall can support the weight of the soundbar.
- Install on a vertical wall only.
- Avoid a location under high temperature or humidity.
- Before wall-mounting, make sure that cables can be properly connected between the soundbar and external devices.
- Before wall-mounting, make sure that the soundbar is unplugged from power. Otherwise, it may cause an electric shock.

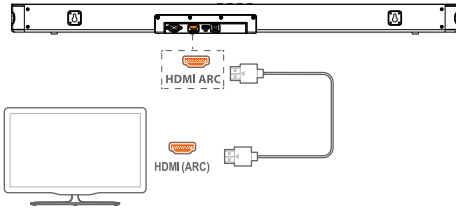
5 CONNECT

5.1 TV connection

Connect the soundbar with your TV through the supplied HDMI cable or an optical cable (sold separately).

Through the supplied HDMI cable

An HDMI connection supports digital audio and video with a single connection. HDMI connectivity is the best option for your soundbar.

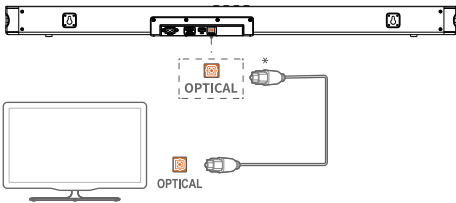


1. Connect the soundbar with your TV by using the supplied HDMI cable.
2. On your TV, check that HDMI-CEC and HDMI ARC have been enabled. Refer to the owner's manual of your TV for more information.

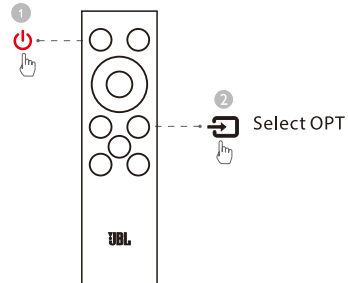
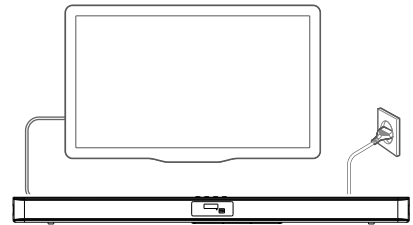
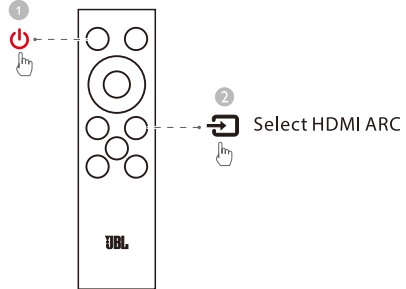
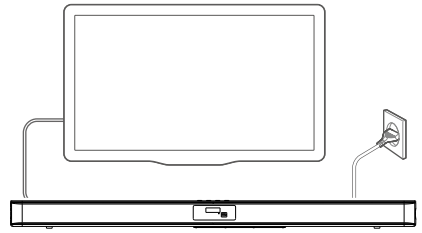
NOTES:

- Full compatibility with all HDMI-CEC devices is not guaranteed.
- Contact your TV manufacturer if you have problems with the HDMI-CEC compatibility of your TV.

Through an optical cable

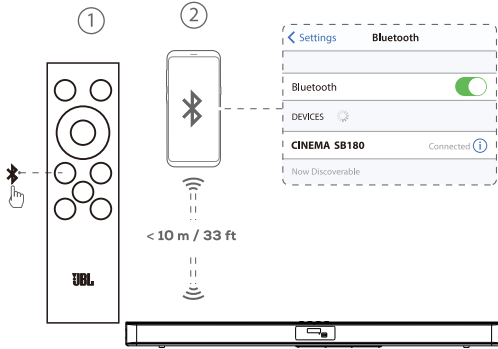


- Connect the soundbar with your TV by using an optical cable (sold separately).



5.2 Bluetooth connection

Through Bluetooth, connect the soundbar with your Bluetooth device, such as a smartphone, tablet and laptop.



Bluetooth connection

Through Bluetooth, connect the soundbar with your Bluetooth device, such as a smartphone, tablet and laptop.

1- Press STANDBY button on the remote control to power on the sound bar

2- To select a Bluetooth signal source, press the [BT] button on the remote control, or on the bar, until the word "no bt" appears on the bar display, the soundbar is ready to pairing the bluetooth signal.

3- On your Bluetooth device, enable Bluetooth and search for "CINEMA SB180", input the password 0000 if need the password prompt, the sound bar will synchronize to play songs on your device as long as the word "bt" remains solid and a beep will be heard, which means that the connection was successfully.

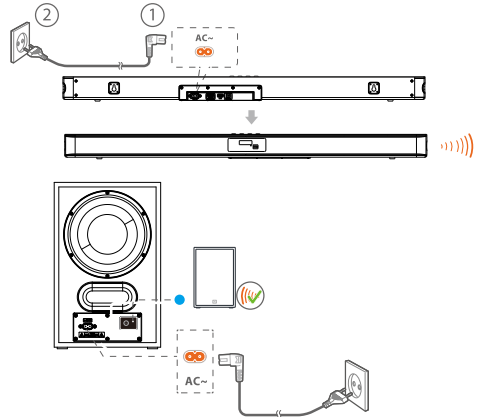
Disconnected the bluetooth on the device to switched off the bluetooth connection.

Notes:

- The Bluetooth connection will be lost if the distance between the soundbar and Bluetooth device exceeds 33 ft (10 m).
- The CINEMA SB180 model is not excluded from your list of connections on your device.
- In bluetooth mode, [PLAY/PAUSE], [NEXT], [PREVIOUS], [VOLUME +/-] etc. are also active.
- Electronic devices may cause radio interference. Devices that generate electromagnetic waves must be kept away from the soundbar, such as microwaves and wireless LAN devices.

6 PLAY

6.1 Power-on/Auto standby/Auto wakeup



Switch on

1. Connect the soundbar and subwoofer to power by using the supplied power cords.
2. Press to switch on.

→ The subwoofer is connected to the soundbar automatically.
Connected: The connection status indicator turns solid blue.

NOTES:

- Use the supplied power cord only.
- Before switching on the soundbar, make sure that you have completed all other connections (See "5.1 TV connection" in the "5 CONNECT" chapter).

Auto standby

If the soundbar is inactive for more than 10 minutes, it will switch to standby mode automatically. The subwoofer also goes to standby, and the connection status indicator turns slow flashing red.

Next time you switch on the soundbar, it returns to the last selected source.

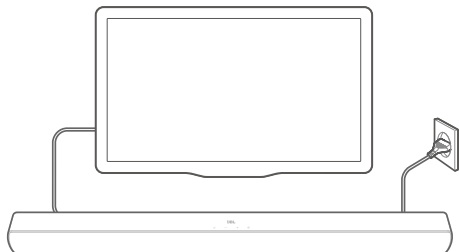
Auto wakeup


In standby mode, the soundbar will wake up automatically when

- the soundbar is connected to your TV through the HDMI ARC connection and your TV is switched on;
- the soundbar is connected to your TV through an optical cable and audio signals are detected from the optical cable. the subwoofer and the soundbar is less than 20 ft (6 m).

6.2 Play from the TV source

With the soundbar connected, you can enjoy TV audio from the soundbar speakers.



1. Make sure that your TV is set to support external speakers and the built-in TV speakers are disabled. Refer to the owner's manual of your TV for more information.
2. Make sure that the soundbar has been properly connected to your TV (See "5.1 TV connection" in the "5 CONNECT" chapter).
3. Press [] button repeatedly on the remote control to select ARC or OPTICAL mode.
4. After making the connections and turning on the product, if the audio does not start automatically, check your television's manual how to configure the audio.

6.2.1 TV remote control setup

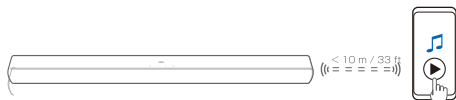
To use your TV remote control for both your TV and the soundbar, check that your TV supports HDMI-CEC. If your TV does not support HDMI-CEC, you shall use the soundbar remote control to control the functions.

HDMI-CEC


If your TV supports HDMI-CEC, enable the functions as instructed in your TV user manual. You can control the volume +/-, sound source, and power on/standby functions on your soundbar through the TV remote control.

6.3 Play from the Bluetooth source

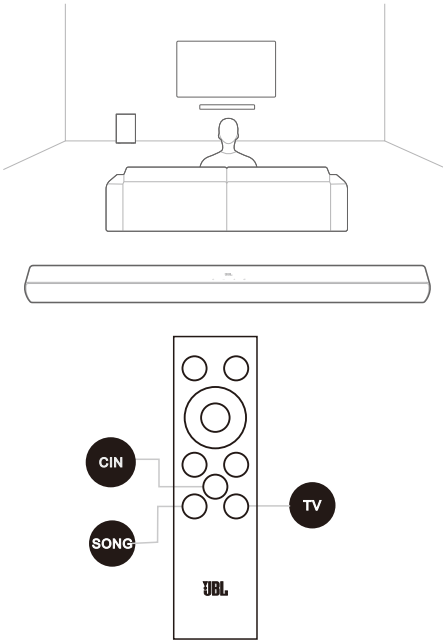
Through Bluetooth, stream audio from your Bluetooth device to the soundbar.



Through Bluetooth, connect the soundbar with your Bluetooth device, such as a smartphone, tablet and laptop.




- 1- Press STANDBY button on the remote control to power on the sound bar
- 2- To select a Bluetooth signal source, press the [] button on the remote control, or on the bar, until the word "no bt" appears on the bar display, the soundbar is ready to pairing the bluetooth signal.
- 3- On your Bluetooth device, enable Bluetooth and search for "CINEMA SB180", input the password 0000 if need the password prompt, the sound bar will synchronize to play songs on your device as long as the word "bt" remains solid and a beep will be heard, which means that the connection was successfully.
4. Start audio play on your Bluetooth device.
5. Adjust the volume on the soundbar or your Bluetooth device.

7 SOUND SETTINGS



Pre-defined EQ settings

With the remote control, select the pre-defined EQ (equalizer) settings for your audio playback.

-  Press to enter the SONG equalizer mode.
-  Press to enter the CIN equalizer mode.
-  Press to enter the TV equalizer mode.

8 RESTORE FACTORY SETTINGS

By restoring the default settings defined at factories, you remove all your personalized settings from the soundbar.

- In USB mode, press and hold [⏻] button on the unit or remote control more than 5 seconds.

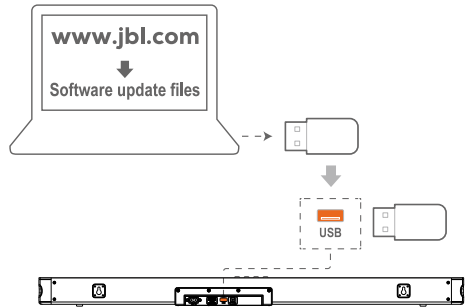
9 SOFTWARE UPDATE

For optimal product performance and your best user experience, JBL may offer software updates for the soundbar system in the future. Please visit www.jbl.com or contact JBL call center to receive more information about downloading update files.

1. Check that you have saved the software update file to the root directory of a USB storage device. Connect the USB device to the soundbar.

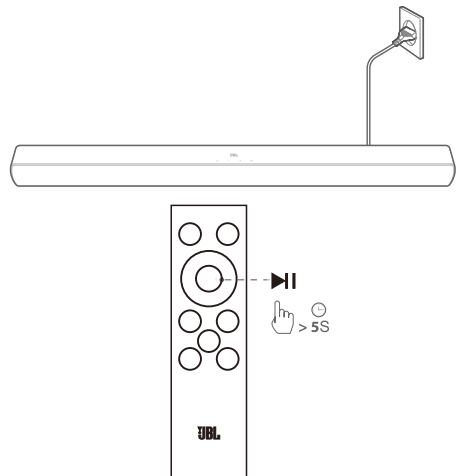
- Make sure that your USB storage device meets the following requirements:

- Maximum capacity: 64 GB
- File system: FAT32



2. To enter the software update mode, press [↶] button to switch to the USB mode, adjust the volume to zero level, press and hold [⏻] button on the remote control for more than 5 seconds.

→ When software updating is complete, the unit will switch off.

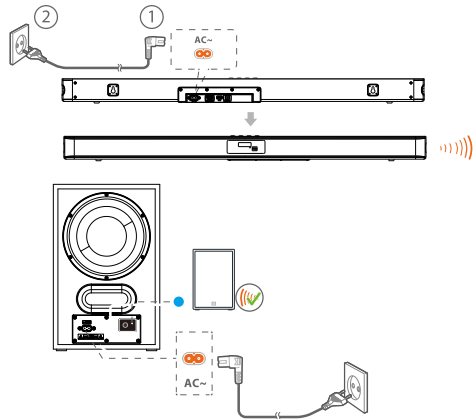


NOTES:

- Keep the soundbar powered on and the USB storage device mounted before software updating is complete.

10 RE-CONNECT THE SUBWOOFER

The soundbar and subwoofer are paired at factories. After power-on, they are paired and connected automatically. In some special cases, you may need to pair them again.



Manually connecting the subwoofer and soundbar:

When the subwoofer can not be connected with the soundbar and the indicator light on the subwoofer will flash red, press and hold [] button on the sound bar or on the remote control, the sound bar will repair with the subwoofer, the indicator light on the subwoofer keeps solid blue when the subwoofer and sound bar was connected.

NOTES:

- If the wireless connection fails again, check if there is a conflict or strong interference (e.g. interference from an electronic device) around the location. Remove these conflicts or strong interferences and repeat the above procedures.

To reconnect the last paired device

Your Bluetooth device is retained as a paired device when the soundbar goes to standby mode. Next time you switch to the Bluetooth source, the soundbar reconnects the last paired device automatically.

11 PRODUCT SPECIFICATIONS

General specification:

Power supply: 100 - 240 V~, 50/60 Hz
 Total speaker power output (@THD 1% - 10%): 110 W RMS
 Soundbar power output (@THD 1%): 2 x 25 W RMS
 Subwoofer power output (@THD 10%): 60 W RMS
 Soundbar transducer: 2x (45 x 100) mm racetrack driver
 Subwoofer transducer: 6.5", wireless sub
 Standby consumption: 0.5 W
 Operating temperature: 0°C - 45°C

HDMI specification:

HDMI output (With Audio return channel): 1
 HDMI version: 1.4

Audio specification:

Frequency response: 40 Hz - 20 kHz
 Max SPL: 82 dB
 Audio inputs: 1 Optical, Bluetooth, USB (USB MP3 playback and for Service.)
USB specification:
 USB port: Type A
 USB rating: 5 V DC / 0.5 A
 Supporting file format: mp3
 MP3 Codec: MPEG-1 Layer 1/2/3
 MPEG-2/2.5 Layer 1/2/3

Wireless specification:

Bluetooth version: 5.3
 Bluetooth profile: A2DP V1.3.2, AVRCP V1.5
 Bluetooth frequency range: 2402 - 2480 MHz
 Bluetooth Max. transmitting power: < 10 dBm (EIRP)
 Bluetooth modulation: GFSK, π/4 DQPSK
 2.4G wireless frequency range: 2406 - 2474 MHz
 2.4G Max. transmitting power: < 10 dBm
 2.4G wireless modulation: GFSK
Dimensions:
 Dimension (W x H x D):
 920 x 63 x 99 mm / 36.2" x 2.48" x 3.89"
 (soundbar);
 210 x 328 x 248 mm / 8.27" x 12.91" x 9.76"
 (subwoofer)

Weight: 2.1 kg (soundbar);
 3.5 kg (subwoofer)
 Packaging dimensions (W x H x D):
 988 x 282 x 405 mm / 39.9" x 11.1" x 15.94"
 Packaging weight (Gross weight):
 7.5 kg

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.

12 TROUBLESHOOTING

Never try to repair the product yourself. If you have problems using this product, check the following before you request services.

System

The unit will not turn on.

- Check if the power cord is plugged into power and the soundbar.

The soundbar has no response to button pressing.

- Restore the soundbar to factory settings (See the "8 RESTORE FACTORY SETTINGS" chapter).

Sound

No sound from the soundbar

- Make sure that the soundbar is not muted.
- Select the correct audio input source on the remote control.
- Connect the soundbar to your TV or other devices properly.
- Restore the soundbar to its factory settings by pressing and holding [⏮] button on the unit or remote control more than 5 seconds in USB mode.

Distorted sound or echo

- If you play audio from your TV through the soundbar, make sure that your TV is muted or the built-in TV speaker is disabled.

Bluetooth

A device cannot be connected with the soundbar.

- Check if you have enabled Bluetooth on the device.
- If the soundbar has been paired with another Bluetooth device, reset Bluetooth (see "To connect to another Bluetooth device" under "5.2 Bluetooth connection").
- If your Bluetooth device has ever been paired with the soundbar, reset Bluetooth on the soundbar, unpair the soundbar on the Bluetooth device, and then, pair the Bluetooth device with the soundbar again (see "To connect to another Bluetooth device" under "5.2 Bluetooth connection").

Poor audio quality from a connected Bluetooth device

- The Bluetooth reception is poor. Move the source device closer to the soundbar, or remove any obstacle between the source device and the soundbar.

The connected Bluetooth device connects and disconnects constantly.

- The Bluetooth reception is poor. Move the source device closer to the soundbar, or remove any obstacle between the source device and the soundbar.
- For some Bluetooth devices, the Bluetooth connection can be deactivated automatically to save power. This does not indicate any malfunction of the soundbar.

Remote control

The remote control does not work.

- Check if the batteries are drained. If so, replace them with new ones.
- Reduce the distance and angle between the remote control and the main unit.

Failed to complete the TV remote control learning.

- Check if you are using an infra-red TV remote control. The IR learning is not supported by a Bluetooth TV remote control.

13 TRADEMARKS



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HARMAN International Industries,
Incorporated 8500 Balboa Boulevard,
Northridge, CA 91329 USA
www.jbl.com

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