



EVOSOUND BAR

AUDIO SYSTEM 2.1. EVOSOUND BAR
FOR KARAOKE AND HOME THEATRE SYSTEM



karaoke soundbar

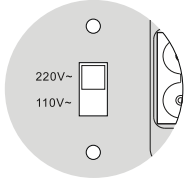
SE • 1200 SB3

subwoofer

SE • 08 SWP

Instruction manual

Important Safeguards

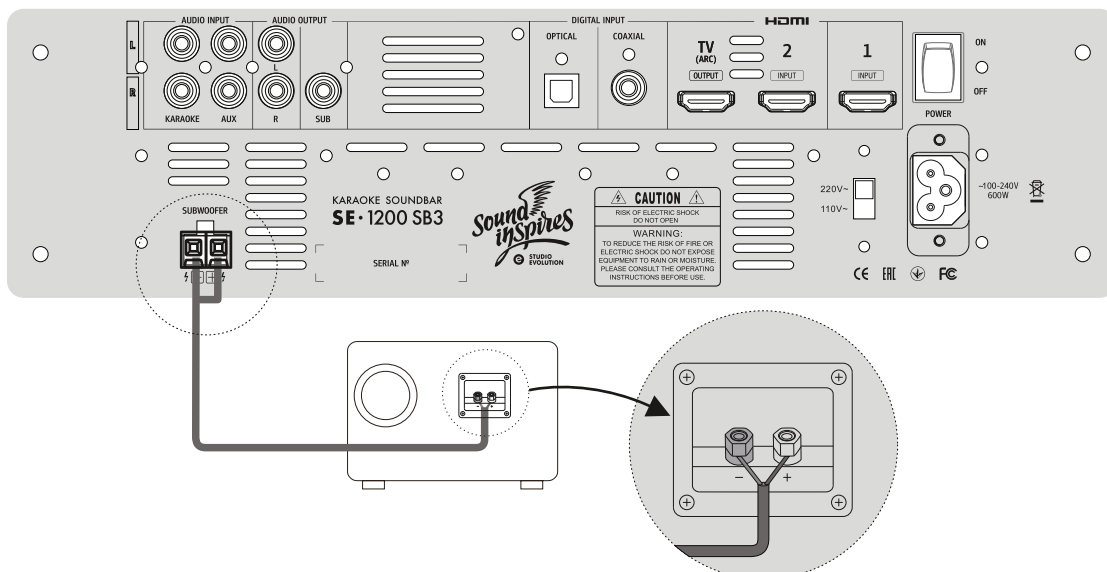


IMPORTANT! Before connecting the audio system to the power source, make sure to check the voltage of your electrical outlet. For a 110-volt power supply, set the switch on the rear panel to 110V. For a 220-volt power supply, the switch should be set to 220V. Incorrect voltage switch setting can cause serious equipment damage and malfunction. Ensure correct setting before powering the audio system.

- **STRICTLY PROHIBITED** to change the voltage switch position on the rear panel when the audio system is connected to the power source (outlet) - **this may cause malfunction of the audio system!**
- Check that the equipment is plugged in a grounded power outlet. Check that such appliances as a plug, extension cord etc can be unplugged easily.
- Do not place vessels full of liquid on the equipment. The equipment must not be exposed to the environment with high humidity and/or sprinkles.

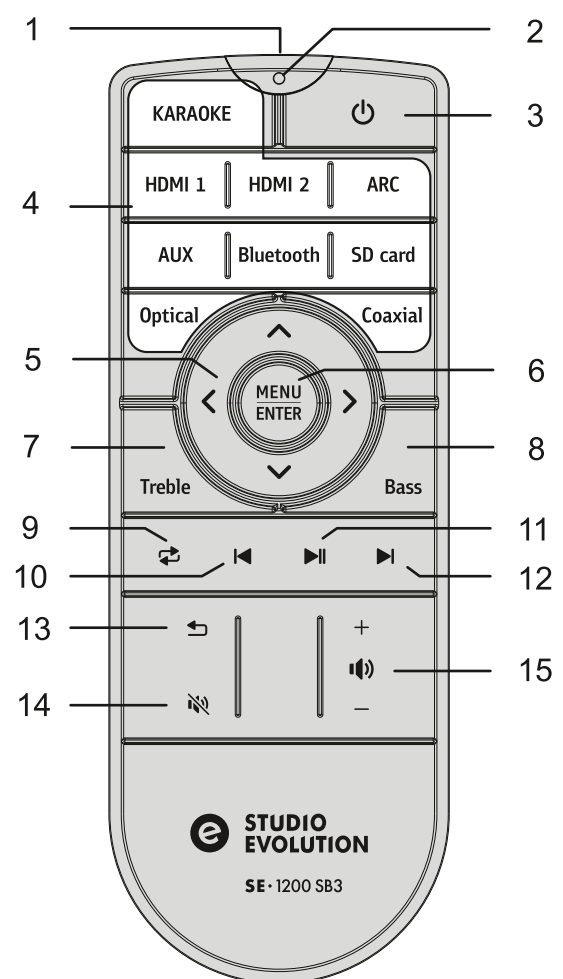
Connection of a subwoofer to a soundbar

The set of equipment includes 3-meter cable to connect a subwoofer. Plug the cable plug in the "SUBWOOFER" connector on the soundbar and connect the other end of the cable to the subwoofer. Connect the red cord to subwoofer's "+" (red terminal).

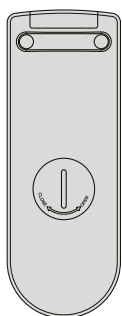


Description of RC functions

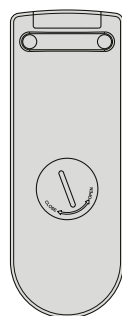
1. Infra-red emitter
2. Command indicator
3. Stand-by mode on/off
4. Selection of a playback source
5. Navigation buttons
6. Menu/Select
7. Treble regulation
8. Bass regulation
9. Switching to repeated playback
10. Previous track
11. Pause/Play
12. Next track
13. "Back"
14. Sound off
15. General volume



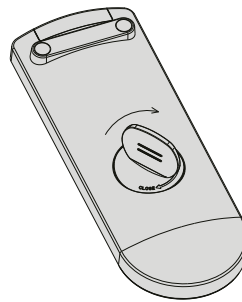
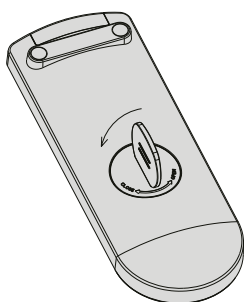
Replacing a battery in the RC. Use CR2032 battery



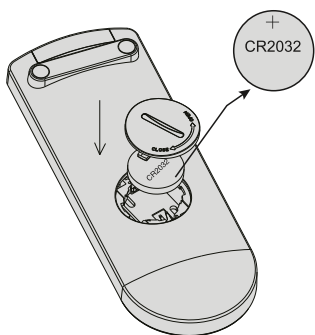
The battery cover is **closed**.



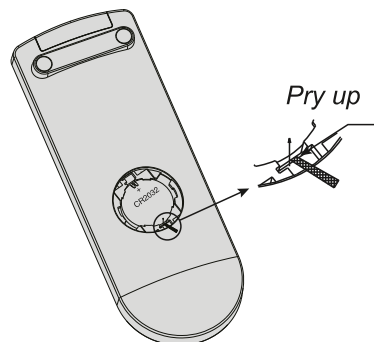
The battery cover is **open**.



Place "a key" in the slot of the battery cover. To open it, move the back cover clockwise; to close it, move the back cover counter-clockwise.

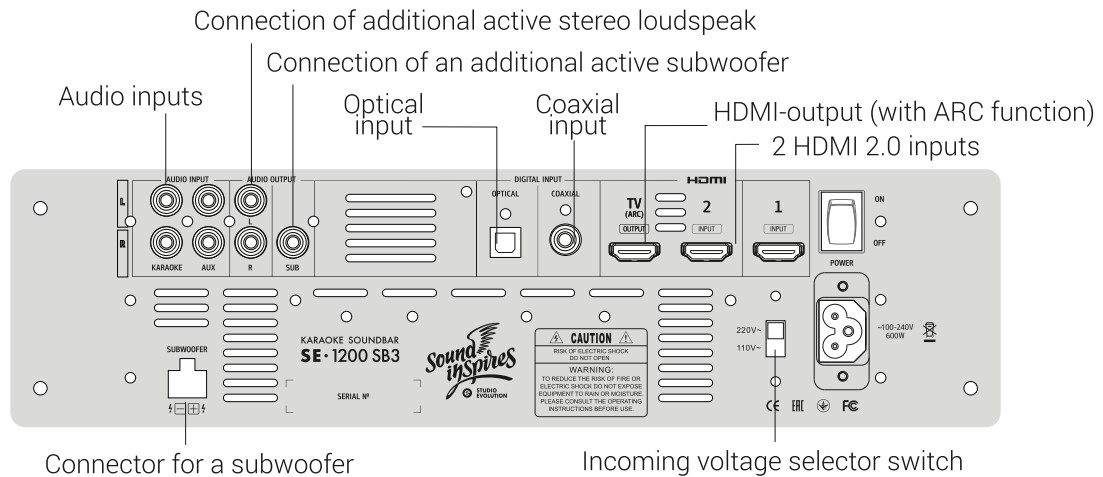


When the back cover is open,
lift it from the side

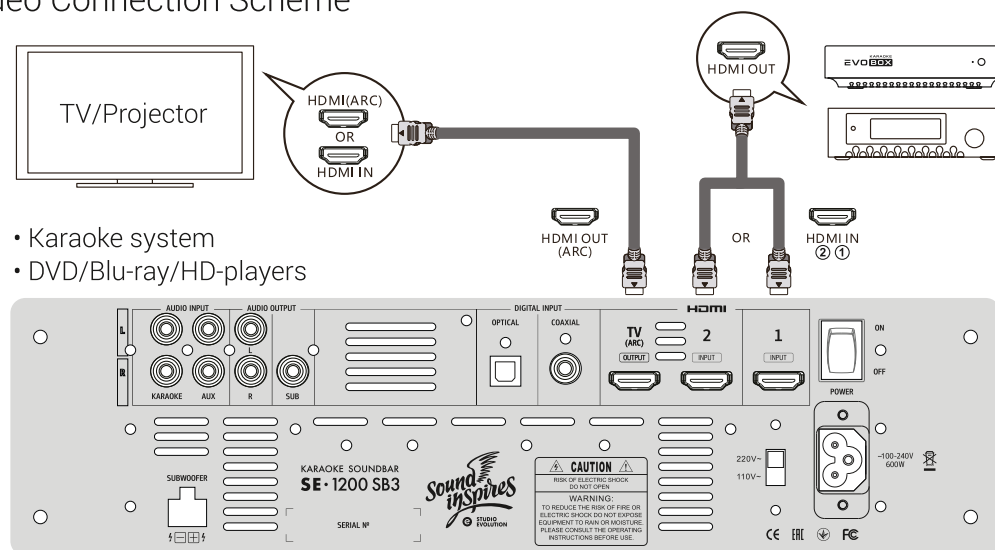


To take out a battery, use a
regular screwdriver, to pry it up
slightly.

Connection interfaces



1. Video Connection Scheme



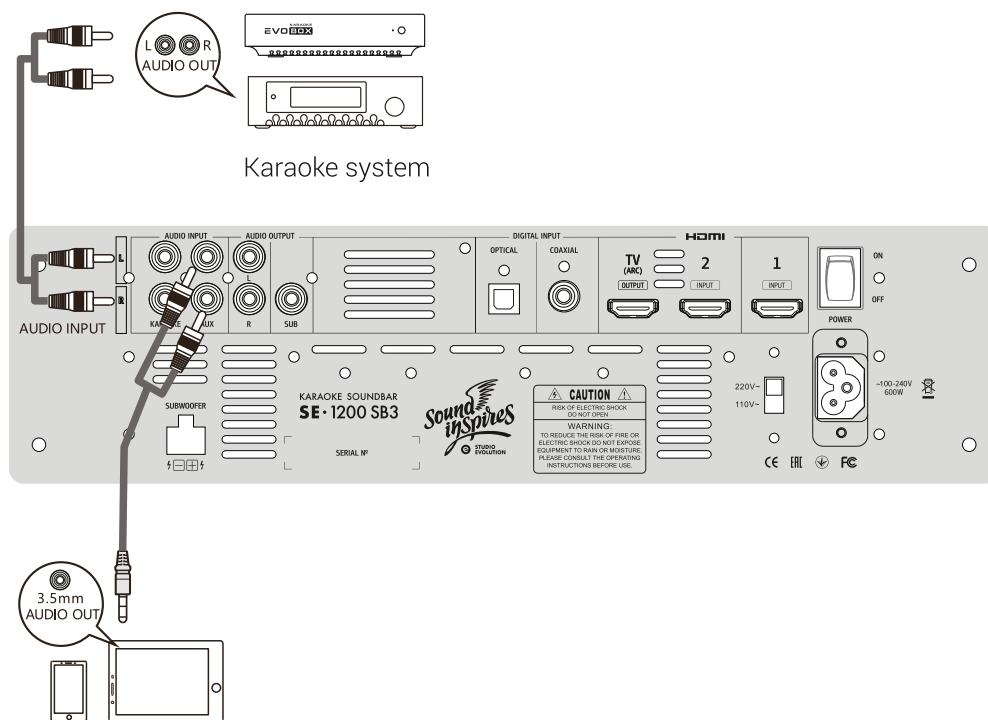
Connect an HDMI-output of the karaoke system Studio Evolution to HDMI 1 input of a soundbar. Connect the HDMI-output of other devices (e.g. Network console, DVD, Blu-ray player) to the input interface HDMI 2 of the soundbar. Connect the output interface TV Output (ARC) of the soundbar to the HDMI input of the TV/ projector.

IMPORTANT NOTICE: Concurrent use of video via HDMI and sound with KARAOKE AUX, Bluetooth is only possible with the connection to HDMI 1 output. HDMI 2 reproduces the sound, received through the HDMI2 Audio channel only.

Please, note: the maximum length of HDMI cable is 10 m.

TV Out (ARC) is a function of Audio Return Channel (ARC) that enables the user to transmit audio signal from the TV set to the soundbar without exploiting the other cord between the TV-set and soundbar. It delivers audio footage of the TV programmes through the soundbar instead of the loudspeakers of the TV set itself. To use ARC function, make sure this function is applicable for your TV-set model.

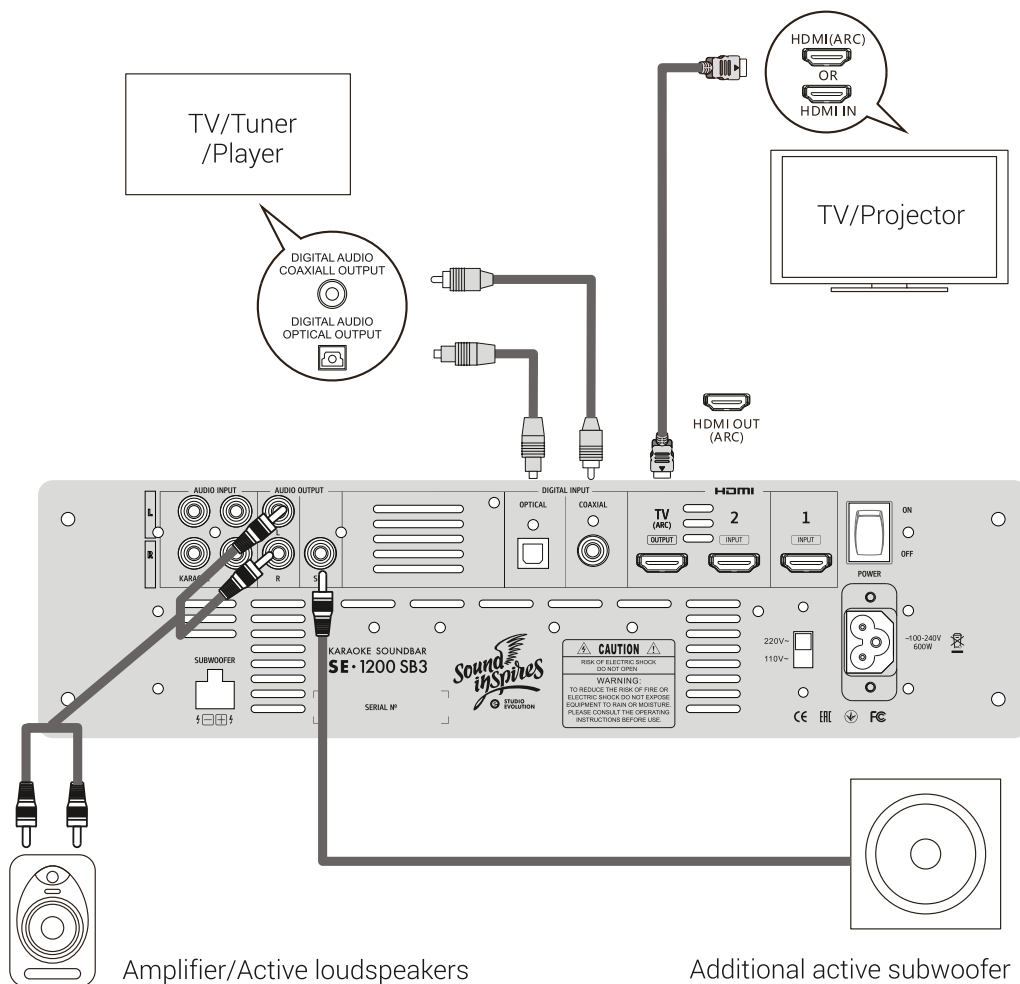
2. The KARAOKE/AUX connection scheme



Smart phone, tablet, laptop etc

- Connect a karaoke system to KARAOKE connector using RCA cable.
- Connect a smart phone, tablet, laptop, or any other device to AUX connector (the cable is not supplied in the set of components).
- Select KARAOKE or AUX respectively as the sound source on the RC.

3. The connection scheme for additional loudspeakers and subwoofer.



- To connect additional active loudspeakers or amplifier, use RCA audio outlet.
- Use an RCA-cable to connect an additional active subwoofer.

IMPORTANT!

Signal from AUDIO OUTPUT L/R outputs does not contain frequencies below 100 Hz. Low frequencies are supplied to AUDIO OUTPUT SUB.

On/off. Stand-by mode

Once connected to the power source, all the soundbar functions are available. To switch the soundbar into a standby mode, press  on the remote control. To switch the power off completely, use the switcher POWER on the back panel.

Connecting to Bluetooth

Important Notice!

The distance between the soundbar and Bluetooth device should not exceed 35 meters.
Any impediment between the soundbar and Bluetooth device will shorten the operative distance.

1. Use the remote control to select the source of the Bluetooth remote signal.
2. In the settings of your device, open the list of available Bluetooth devices within the radius of operation.
3. Find "SE-1200SB3" on the list of available devices.
4. Select "SE-1200SB3" from the list of available devices. After successful connection, you will hear a typical signal.

- To disconnect Bluetooth from the soundbar, select "Disconnect" on the list of the devices, connected via Bluetooth.
- The connection will be disabled automatically, when the distance between Bluetooth and the soundbar is bigger than the radius of operation.
- To re-connect the Bluetooth device to the soundbar, place it within the radius of operation.
- If the connection is not restored automatically, reconnect manually.

Playing the music from Bluetooth devices (a smartphone, tablet, laptop)

If your Bluetooth device maintains Advanced Audio Distribution Profile (A2DP) protocol, you can play the music from your Bluetooth device. If connected Bluetooth device maintains audio/video remote control (AVRCP), you can play the music and control it from Bluetooth device via soundbar remote control.

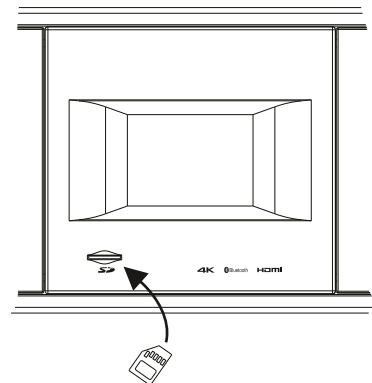
Pause/resume replay: press ►|| on RC

To move to previous/next song: press ◀▶ on RC.

Play from microSD-card:

Insert a microSD-card with music in a card slot on the soundbar front panel.

Please, note: the following audio files are maintained:
MP3, WAV, APE, FLAC



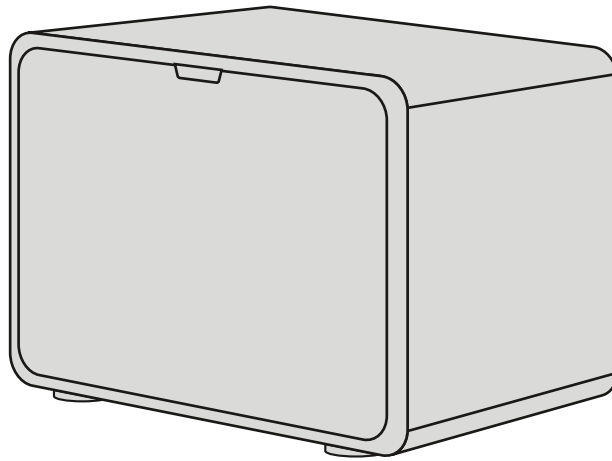
1. Switch the incoming soundbar source to SD mode.
2. The soundbar will start playing music on the MicroSD-card.
3. You can control playback by using a playback key combination on the RC.

Setting system parameters

Press the “menu/confirm” button, holding it during 3 seconds to enter the setting menu.

- of the Subwoofer: changing cut-off frequency, phase inversion.
- of the SoundBar: 7-band equalizer.
- Maximum volume level.

Before using the equipment, read the instruction carefully to familiarize yourself with the conditions of using the subwoofer.



Pre-use safety measures

- Maximum input power of the subwoofer is 150 Wt. The higher power feed may damage the subwoofer.
- Even if the output power of the speaker is lower than the power acceptable for a subwoofer, the volume should not be too high and the sound should not be distorted. Otherwise, the subwoofer may be damaged.
- Please, do not touch the loudspeaker diaphragm to avoid any damages, resulting from diaphragm deformation and disposition of the speaker.

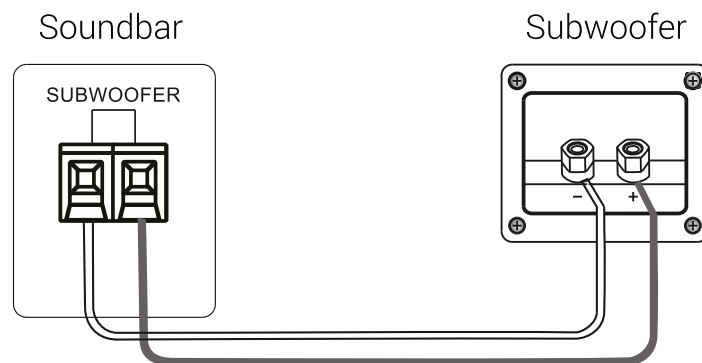
Subwoofer connection

- Please, avoid the exposure of the subwoofer to the direct light; do not place the subwoofer in the places with high temperatures or high humidity, otherwise the subwoofer will be damaged.

Connection to the Soundbar

WARNING: Before connecting, please, switch off and unplug the soundbar, otherwise you can damage the soundbar or subwoofer.

- Please, choose the relevant connection cord, supplied in the set of equipment.



- While assembling, please, clamp the cable to avoid noise or sound interruption.
- Be careful not to short-circuit the cable when connecting.

After-Sales Service

- Wipe the device with a soft cotton cloth; if it is dirty, wipe it with a soft damp cloth.
- Do not use organic solvents as they can bleach or damage the surface of the subwoofer.

Subwoofer technical properties

Size, mm (L*H*W)	385×270×249
Net weight, kg	7,7
Noise pressure level, dB	90
Resistance, Ohm	2
Frequency, Hz	40 ~ 250
Nominal power, W	150
Woofer	8" LF-loudspeaker × 1
Type	Phase splitter

Soundbar technical properties

Size, mm (L*H*W)	1210×107×126
Net weight, kg	8,6
Frequency, Hz	20-20000
Nominal power, W	150 × 3
Broadband speakers	2,75" × 12
High-frequency speakers	1,25" × 2
Number of channels	3

Technical properties of Audio system 2.1 EVOSOUND BAR soundbar SE • 1200 SB3 + subwoofer SE • 08 SWP

Input sensitivity / input resistance
400 mB / 47 kΩ

7-band equalizer
(57 Hz / 134 Hz / 400 Hz / 1 kHz / 2.5 kHz / 6.3 kHz / 10 kHz) ±10 dB

Total harmonic distortion
≤1%

Frequency
20 Hz - 20000 Hz (±2 dB)

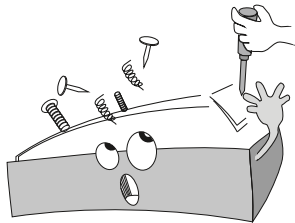
Peak power demand
600 W

2 Power Voltage Modes
200 - 240 V, 50 - 60 Hz,
100 -120 V, 50 - 60 Hz

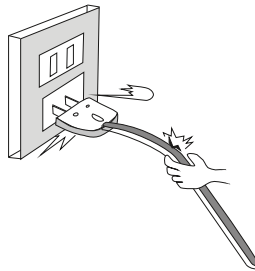
Troubleshooting

Failure	Causes of failure	Solution
No sound, and the image is not displayed	Soundbar off	Check switch-on button
	Poor connection to the power source	Check power cable connection and replace cable if it is defective
No sound, but image is displayed on TV screen	Misconnection to the power source	Check that the sound source is connected correctly
	Volume off on the soundbar	Turn on the volume with RC
	No signal from the source	Check the source of the signal
No sound, In subwoofer	Poor connection of the cable to the subwoofer	Check and reconnect
Interrupted display of the video	Poor connection in an HDMI connector	Change HDMI cable
RC does not work.	Battery is discharged	Replace the battery
	The distance is too big	Use RC at the angle of 30° within 8 m from the soundbar
	There is an impediment for the signal	Remove the impediment between the soundbar and RC
	The battery is misplaced	Follow the instruction on placing the battery and place the battery accordingly
	The opening of infrared remote receiver is under harsh light	Move the soundbar to the place where the opening of the infrared receiver is not exposed to the harsh light

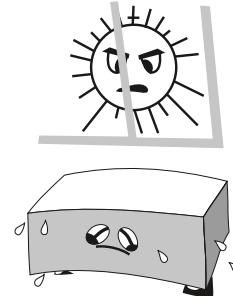
Safety measures



Do not open the
cover of the device



Protect the power cord
from the damage



Protect the device from
overheating

Opening the device cover may result in an electric shock. Please, prevent metal objects from getting inside of the device. Do not place the device under the direct sunlight or near the heating equipment.

Precautions for use

 HAZARDOUS	The user must be aware of the dangerous voltage inside of the device.
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 ATTENTION	It indicates that the device has important instructions for use.
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 HAZARDOUS	Do not expose the device to the rain of dump to prevent the risk of self-ignition or electric shock.
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The properties are subject to alteration without previous notice!

FCC 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.

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 quipment 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 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.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator&your body.

IC Statement:

This device complies with Innovation, Science and Economic Development Canada's licence - exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposure warning:

This equipment complies with radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with Minimum distance 20cm between the radiator and your body.

L'environnement du millipascal incontrôlés, leurs conditions normales d'utilisation de maintenir, aumoins 20cm avec les utilisateurs.

LIST OF EQUIPMENT

- SoundBar x1
- Subwoofer x1
- Instruction manual x1
- Remote controlx1
- HDMI cable x1
- RCA cable x1
- Subwoofer connection cable x1
- Soundbar mounting brackets x2
- Warranty certificate x1
- Element CR2032 x1



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