SineAudio

Total 50W
36 Inches Stereo
TV Sound Bar System

DS6X Series

Model: DS6201/6301/6401/6501/6601/6701
DS6202/6302/6402/6502/6602/6702
DS6203/6303/6403/6503/6603/6703
DS6205/6305/6405/6505/6605/6705

User Manual

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Before using the TV sound bar system, please read the following important notes.

→ Please read this user manual carefully and save it for future reference.

→ For optical and coaxial cable connection, change your source device's audio output setting to "PCM" format . Refer to your source device's user manual for more information.

→ For the better sound quality, please set the volume of the sound bar to 75 percent of maximum (Note: the maximum volume drop 3 levels is 75 percent) and set the volume of your source device to a suitable level.

→ To get a better sound effect, press the movie, music or news button on the remote control to select a suitable sound mode.

→ The recommended sound mode selections as below:

Program source	Sound mode	Program source	Sound mode
Strong bass film	Music or news	Strong bass music	Music or news
General film	Movie or music	Pop music	Movie or Music
Documentary	Music or news	Light music	Music or news
Variety show	Music or news	News / Dialog	Music or news

→ The sound mode selection and the volume settings are saved in the memory even after the sound bar is powered off, and the volume settings from 75 percent to maximum will be saved to 75 percent.

→ For audio cable connection, you can boost / restore the volume by double clicking the boost button on the remote control.

→ The audio output of the sound bar is affected by the settings of the connected source.If necessary, adjust the settings of the source to improve the audio output.

→ Not all remote control functions can be found on the sound bar. Please keep the remote control properly.

→ Disconnect the power adapter from the electrical outlet to power off your sound bar completely.

→ The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated, dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

→ The exclamation point within an equilateral triangle, as marked on the system, is intended to alert the user to the presence of important operating and maintenance instructions in this user manual.

→ Do not make unauthorized alterations to the system, doing so may compromise safety, regulatory compliance, and may void the warranty.

→ This system contains magnetic material, contact your physician if you have questions on whether this might affect the operation of your implantable medical device.

→ Do not place naked flame sources,such as lighted candles,on or near the system.

Safety instructions

1. Follow all safety instructions, and keep the user manual for further use!
2. Check that the power supply voltage and current rating corresponds with the power supply details shown on the system rating label before connecting the system to the main power supply.
3. Never use a system that is damaged! Disconnect the system from the power supply and contact your supplier if it is damaged.
4. Danger of electric shock! Never try to repair the system yourself. In the event of any malfunction, repairs are to be conducted by qualified personnel only.

5. Warning! The system should not be used near water. Do not operate the system with wet hands or while standing on a wet floor.
6. Warning! This system must be used indoors. It is neither designed nor tested for use outdoors, in recreational vehicles, or on boats.
7. Do not open the system casing under any circumstances. Do not insert any foreign objects into the inside of the casing.
8. Never use accessories which are not recommended by the manufacturer. They could pose a safety risk to the user and might damage the system. You must therefore use original accessories only.
9. The system is only suitable for use at moderate degrees of latitude. Do not use in the tropics or in particularly humid climates.
10. Keep the system away from any hot surfaces and open flames. Always operate the system on a level, stable, clean and dry surface. Protect the system against heat and cold, dust, direct sunlight, moisture, dripping and splashing water.
11. This system is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or by those who lack experience and knowledge, unless they have been given supervision and instruction concerning

the use of the system by a person responsible for their safety.

12. Children should be supervised to ensure that they do not play with the system.
13. This system is classified as protection class II and must not be connected to a protective ground.
14. Regularly check the power plug and power cord for damage. If the supply cord is damaged. The adapter cannot be used and need to replace.
15. Avoid damage to the power cord. Do not crush, squeeze, bend, or scour on sharp edges. Keep the power cord away from hot surfaces and naked flames.
16. Lay the cables in such a way that nobody can inadvertently pull them or trip over them.
17. Do not pull the plug out of the socket by the power cord, and do not wrap the power cord around the system.
18. If an extension cord is used, its capacity needs to be suitable for the power consumed by the system.
19. Connect the power adapter to an easily reachable electrical outlet so that in case of an emergency the system can be unplugged immediately, Pull the power adapter out of the electrical outlet to completely switch off the system, Use the power adapter as the disconnection device.
20. Disconnect the power adapter from the electrical outlet when not use and before cleaning.
21. Always switch the system off before disconnecting the power adapter.

22. Caution! Only use this system with the supplied power adapter.
23. Caution! In the event of a malfunction as a result of electrostatic discharge and momentary electrical surges, unplug the system and plug it in again.
24. Make sure that no electrical wire, water, gas or other lines are located around the installation location.
25. Ensure that there is sufficient ventilation, keep a minimum distance of 2 inches (5cm) between the system and other objects or walls.

Battery precautions

Follow these precautions when using a battery in this device.

1. Use only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment, a reserved battery may cause damage to the device.

3. Do not mix different types of batteries together (e.g: Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the batteries in the device are consumed or the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible leakage.
5. Do not try to recharge the battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer's instructions.)
6. The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
7. Clean the battery contacts and also those of the device prior to battery installation.

FCC information

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.

Changers or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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 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 more of the following measure:

→ 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.

This device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

1 X Sound bar

Accessories:

1 X Power adapter

1 X User manual

1 X Remote control

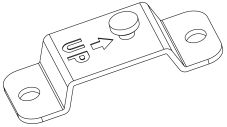
1 X Optical cable

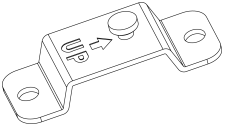
1 X Coaxial cable

1 X Audio cable (RCA to RCA)

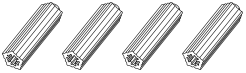
1 X Audio cable (stereo 1/8 inch(3.5mm) to RCA)

2 X Wall mount brackets

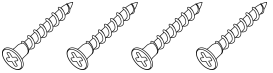




4 X Wall anchors



4 X Screws (M4 X 30mm)



Note: Accessories are subject to change without notice.

Features

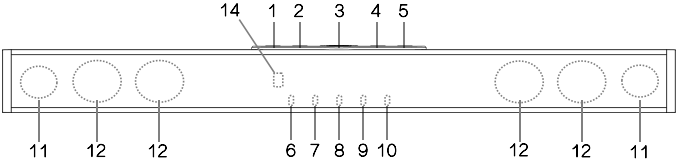
- → Total 50 W power usage
- → 36 inches TV sound bar
- → 2.0 Channel two way speaker system
- → 6 speaker drivers (4 woofer and 2 tweeter)
- → Analog audio interface (AUX input)
- → Digital audio interface (optical input and coaxial input)
- → Stream music from smart phone or tablet
- → The sound bar system can be mounted on the wall
- → Full function infrared remote control
- → Digital controlled audio processing sound mode

Specifications

Power supply	
Input :	100-240VAC 50/60Hz
Output :	15VDC 2.4A (OCP>5.2A)
Protection class:	Class II
Energy efficiency level:	Level VI
Remote control:	2 X 1.5V AAA batteries (not supplied)
Sound bar	
Output power :	25W X 2 (50W)
Frequency response :	70Hz – 20KHz
Signal to noise ratio :	80dB (A-weighting)
Total harmonic distortion:	-70dB (A-weighting)
Standby power:	Less then 0.5W
Digital audio interfaces:	Optical and coaxial
Audio format:	PCM
Sampling frequency:	32KHz, 44.1KHz, 48KHz, 96KHz, 192KHz
Sampling bit-rate resolution	16 to 24 bit

Note: Specifications are subject to change without notice.

Front view



Buttons

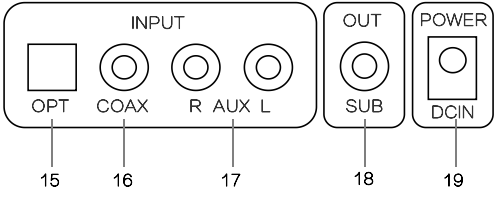
1. Mode (Source)
2. Play / Pause
3. Power (Standby)
4. Volume down
5. Volume up

Source indicators

6. OPT (Optical)
7. COAX (Coaxial)
8. Power (Standby)
9. BT (Bluetooth)
10. AUX (Auxiliary)

11. Speaker driver (Tweeter)
12. Speaker driver (Woofer)
14.Remote control sensor

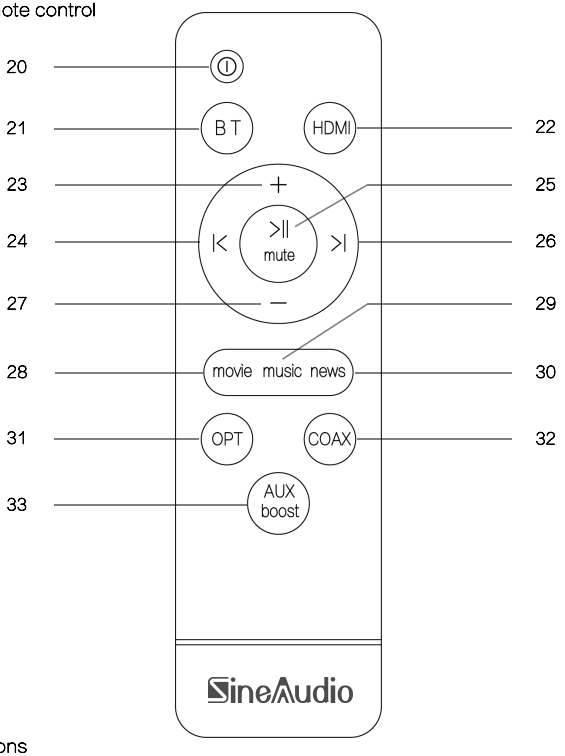
Connector panel



15. Optical input socket
16. Coaxial input socket
17. AUX input sockets
18. SUB output socket
19. DC IN socket

Note: SUB output socket is only for the powered subwoofer (not supplied) or wireless subwoofer (not supplied) connection.

Remote control



Buttons

20. Power	21.Bluetooth	22. HDMI	23. Volume +	24. Previous
25. Play pause / mute		26. Next	27. Volume −	28. Movie
29. Music	30. News	31. Optical	32. Coaxial	33. AUX / boost

Note: HDMI button is only for the HDMI converter (not supplied).

Unpacking

→ Remove all packaging.

→ Check for the presence of all parts and for transport damage. In case of damage or incomplete delivery, please contact your dealer.

→ Please keep the packaging. The system can be stored in it, if not used for a longer period of time.

Preparation

The Sound bar system serves as an audio output device and features wireless and wired connections. You can place the sound bar on a horizontal surface or mount it on a wall. When mounting it on a wall, pay attention to the following:

→ The supplied wall mount brackets, wall anchors and screws can be used to fix the sound bar to a wall. The wall mount brackets are designed for vertical walls constructed of solid concrete, bricks or wooden.

→ When installing on a cinder block wall, first verify that the blocks have a minimum of 1.2 inch (3cm) of actual concrete wall thickness to be used for the wall anchors.

→ If you are uncertain about the construction of your wall, please consult a qualified contractor or installer for assistance.

→ Ensure that the wall anchors and screws you use are stronger enough to support the weight of the sound bar and long enough to sufficiently grip the wall.

→ It is strongly recommended to use the supplied wall anchors and screws.

→ Additional tools (not included) are required for the installation.

→ Do not over tighten screws.

→ Use an electronic stud finder to check the wall type before drilling and mounting.

→ During mounting, keep away children and pets.

→ Make sure the sound bar is mounted in reach of a wall outlet.

Caution!

When placing the sound bar on an entertainment center, bookshelf, or any type of enclosed space, be sure to allow at least 2 inches (5cm) of space around the sound bar for ventilation. If the sound bar is enclosed in a tight space, without ventilation, heat generated from the sound bar could produce a potential heat hazard.

Caution!

→ Make sure the power adapter is disconnected from the electrical outlet before making any mounting and connection.

→ During operation, if the cables require to be reconnected, the power adapter must be disconnected first, otherwise damage to the system may result.

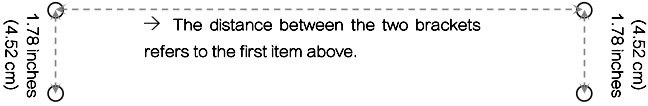
Wall mounting

1. The distance between the two brackets.

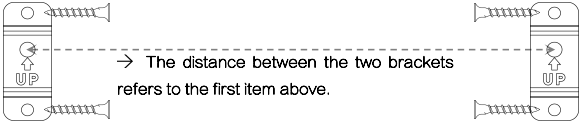
   DS6501: 32.60inches(82.8cm) DS6502: 32.52inches(82.6cm)

   DS6503: 32.13inches(81.6cm) DS6505: 31.97inches(81.2cm)

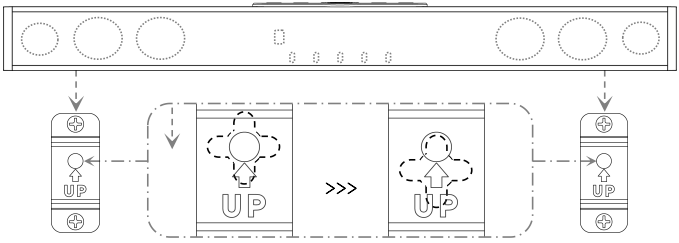
2. Mark the position and drill 4 holes in the wall.



3. Insert 4 wall anchors into the holes, use a hammer if necessary.
4. Use 4 screws to mount the brackets to the wall. Secure the screws.



5. Hang the sound bar onto the brackets. Make sure they are firm and stable.

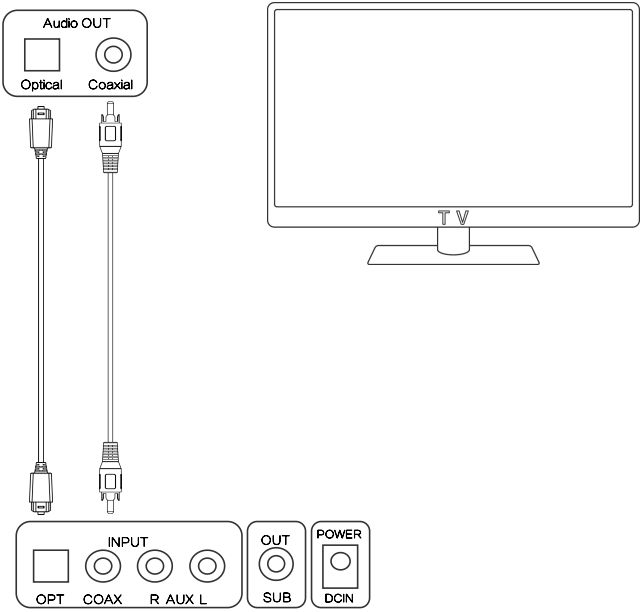


Optical and coaxial cable connection

→ Use the supplied optical cable or coaxial cable to connect the sound bar to a TV, DVD, Blu-Ray Player or other suitable devices.

→ Connect one end to the optical or coaxial out socket of the TV, DVD, Blu-Ray Player or other suitable devices.

→ Connect the other end to the optical or coaxial input socket of the sound bar.



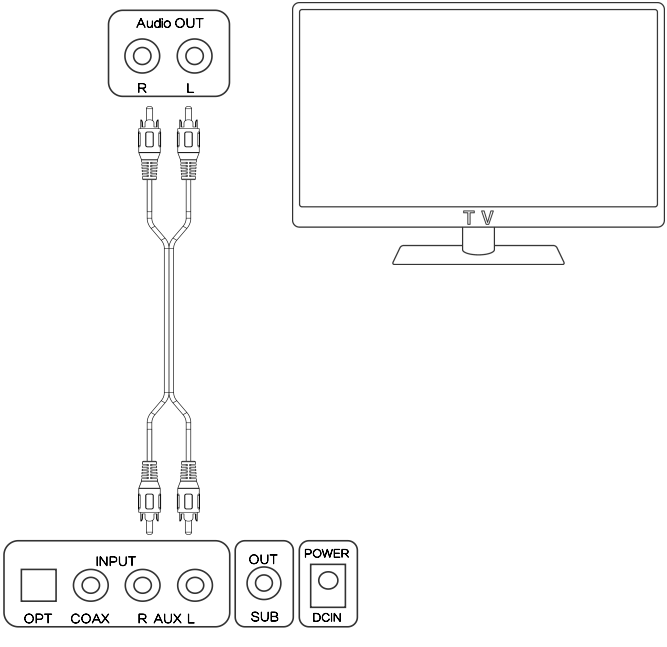
Note: For optical and coaxial cable connection, change your source device's audio output setting to "PCM" format. Refer to your source device's user manual for more information.

Audio cable connection 1

→ Use the supplied RCA to RCA audio cable to connect the sound bar to a TV, DVD, Blu-Ray Player or other suitable devices.

→ Connect one end to the headphone or line out socket of the TV, DVD, Blu-Ray Player or other suitable devices.

→ Connect the other end to the AUX(L/R) input sockets of the sound bar.



Note: For audio cable connection, you can boost / restore the volume by double clicking the boost button on the remote control.

Audio cable connection 2

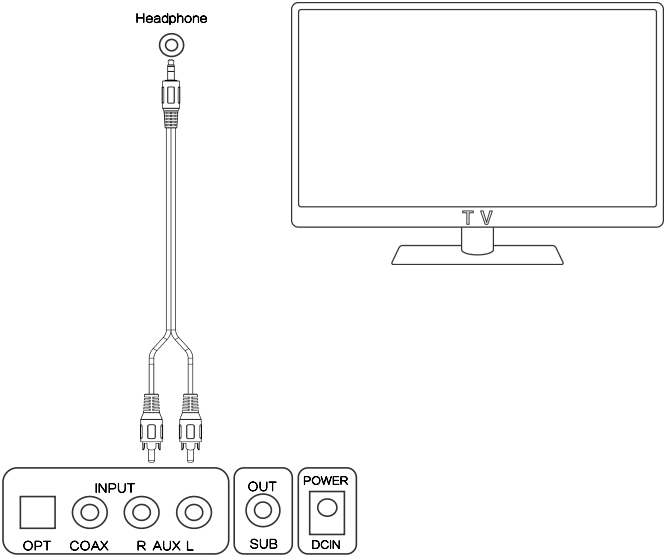
→ If your TV or other source device only has a headphones socket, use the supplied stereo 1/8 inch (3.5mm) to RCA audio cable to connect the sound bar to your TV or other source devices.

→ Connect one end to the headphones socket of the TV or other source devices.

→ Connect the other end to the AUX(L/R) input sockets of the sound bar.

→ Ensure your TV speakers are turned on. Refer to your TV's user manual for more information.

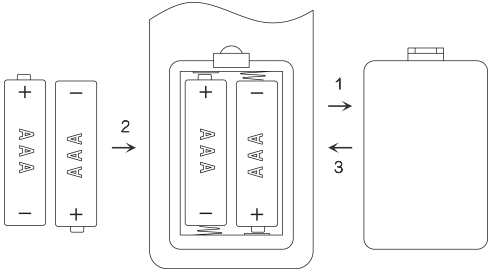
→ Set your TV or other source device's volume to the maximum.



Note: For audio cable connection, you can boost / restore the volume by double clicking the boost button on the remote control.

Using the remote control >>> Inserting/replacing batteries

1. Slide to open the battery compartment cover.
2. Insert 2 X 1.5V AAA batteries (not supplied) into the battery compartment. Match the polarity markings in the battery compartment.
3. Close the battery compartment cover.



Caution!

→ The sound bar can only work with the remote control package included, not compatible with universal remote control.

→ Always insert the batteries according to the correct polarity markings.

→ Use only high quality batteries, low quality batteries might leak and cause damage.

→ Remove the batteries from the remote control if you are not using it for an extended period. The remote control could become damaged in case of battery leakage.

Tips for usage

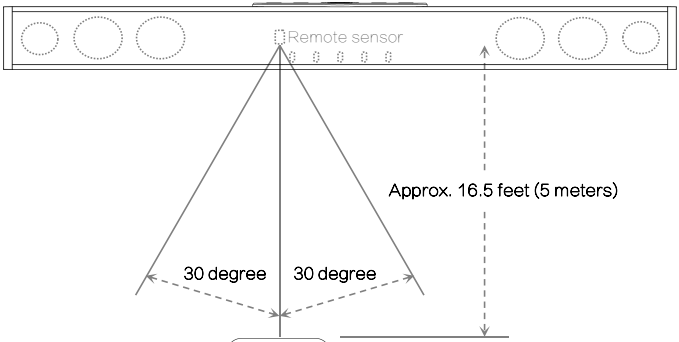
→ If the remote control does not work properly, replace the batteries.

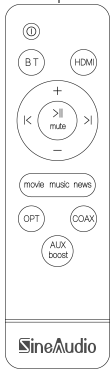
→ Make sure there are no obstacles between the remote control and Sound bar.

→ The remote control may be less effective if:

1. There are obstacles between the remote control and the infrared receiver.
2. Other remote controls are operated at the same time.
3. The battery power is low.

Using the remote control >>> Remote control operation range:





Notes:

→When there is an obstacle between the remote sensor of the sound bar and the remote control, the remote control may not operate

→ When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the remote sensor of the sound bar, the operation of the remote control may be unstable

Caution!

→ Not all remote control functions can be found on the sound bar. Please keep the remote control properly.

Get power and started

Make sure all the source connections are made properly before you connect the power adapter. Plug the power adapter to the DC IN socket, then to a suitable electrical outlet. The power indicator lights up red. Indicating the sound bar is in standby mode.

→ Turning off your TV speakers: To avoid hearing distorted sound, turn off your TV speakers. Refer to your TV's user manual for more information.

→ Power on your sound bar: Press the Power button on the sound bar or remote control. The power indicator lights up green.

→ Check if sound is coming from the sound bar.

Selecting a digital controlled audio processing sound mode

→ The digital controlled audio processing includes three sound mode: movie, music and news. (Note:There is no sound mode indication on the sound bar)

→ To get a better sound effect, press the movie, music or news button on the remote control to select a suitable sound mode.

→ The recommended sound mode selections as below:

Program source	Sound mode	Program source	Sound mode
Strong bass film	Music or news	Strong bass music	Music or news
General film	Movie or music	Pop music	Movie or Music
Documentary	Music or news	Light music	Music or news
Variety show	Music or news	News / Dialog	Music or news

Notes:

→ For the better sound quality, please set the volume of the sound bar to 75 percent of maximum (Note: the maximum volume drop 3 levels is 75 percent) and set the volume of your source device to a suitable level.

→ The sound mode selection and the volume settings are saved in the memory even after the sound bar is powered off, and the volume setting from 75 percent to maximum will be saved to 75 percent.

→ Set the volume of your source device to a low level before switching on the sound bar. Then increase the volume of your source device to a comfortable level.

→ Disconnect the power adapter from the electrical outlet to power off your sound bar completely.

Basic functions >>> Selecting a source

→ You can have several source devices connected permanently to the sound bar.

→ Available sources are: OPT / COAX / BT / AUX

Source	Function
OPT	Optical , connection with an optical fiber cable.
COAX	Coaxial, connection with a coaxial cable.
BT	Bluetooth, Connection to a Bluetooth Device.
AUX	Auxiliary, Connection with a RCA to RCA audio cable.
	Auxiliary, Connection with a 1/8 inch(3.5mm) to RCA audio cable.

→ Press the M (Mode) button repeatedly on the sound bar or press the OPT, COAX, BT, AUX button on the remote control to toggle between the sources, The OPT, COAX, BT, AUX source indicator will light up blue accordingly.

→ You can boost / restore the volume by double clicking the boost button on the remote control when you use AUX source (audio cable connection).

Basic functions >>> Play back functions

→ Normally playback functions can be managed through the controls of the connected source device.

→ Alternatively, use the remote control and the buttons of the sound bar.

Key	Press Key	Function
M	1 X	Source selection
	Long press 2 second	Disconnecting the Bluetooth device
I< / >I	1 X	Skip to the beginning of the previous / next title
− / +	1 X	Volume down / Volume up
>II / mute	1 X	Pause / Mute sound (Flash the indicator light).
	2 X	Play / Restore sound.

Notes:

→ The volume boost and mode (source) selection is saved in the memory even after the sound bar is powered off.

→ The audio output of the sound bar is affected by the settings of the connected source. If necessary, adjust the settings of the source to improve the audio output.

Bluetooth function

External Bluetooth devices can be connected to the TV sound bar system via Bluetooth connection.

1. Press the BT button on the remote control to enter the Bluetooth mode. The Bluetooth indicator lights up blue.
2. Activate the Bluetooth function of the external device and search for Bluetooth devices.
3. Select Sine Audio from the Bluetooth device list.
4. Follow the instructions shown on your device's screen.
5. When the Bluetooth connection is established, files from your connected Bluetooth device will be played through the sound bar.

Disconnecting the Bluetooth device:

→ Press M (Mode) button on the sound bar to enter AUX, OPT or COAX mode.

→ Press the OPT, COAX or AUX button on the remote control to enter AUX, OPT or COAX mode.

→ Disconnect using your Bluetooth device. The sound bar starts searching for another Bluetooth device.

→ Long press the BT button on the remote control or M (Mode) button on the sound bar about 2 seconds to disconnect the current Bluetooth device. Long press about 2 seconds again to reconnect the current Bluetooth device.

Notes:

→ Bluetooth works best within a range of up to 33 feet (10 meters).

→ The music streaming may be interrupted by obstacles between the Bluetooth device and sound bar, such as walls, metallic casing that covers the device, or other devices nearby that operate in the same frequency.

→ If the connected device goes out of Bluetooth range, the system will reconnect automatically when the device comes back within range.

→ The current Bluetooth device connection is saved in the memory even after the sound bar is powered off.

Problem	Solution
No power	→ Check the power adapter is properly connected to an electrical outlet. → Check the DC plug is properly connected to the DC IN socket. → Unplug the power adapter for at least one minute and reconnect.
No Sound	→ Press the Power button on the sound bar or remote control to turn on the sound bar. The power indicator lights up green. → Increase your TV's volume to maximum. → Press MUTE button on the remote control to restore sound. → Ensure that the source device has correct volume settings and is playing a track. → Ensure the correct source device is selected. → Plug the audio cable into a connector on your TV labeled Audio Output or Audio OUT, not Audio Input or Audio IN. Optical and coaxial cable connection: → Plug the optical cable into a connector on your TV labeled Optical OUT or Digital OUT, Optical IN or Digital IN. → Plug the coaxial cable into a connector on your TV labeled Coaxial OUT or Digital OUT, Coaxial IN or Digital IN. → Activate PCM(Pulse Code Modulation)in the audio settings menu of your source device(see your source device's user manual). Audio cable connection (connect to the headphone socket of TV): → Turn on your TV speakers, Refer to your TV's user manual for more information.
Poor audio quality	→ Press the movie, music or news button on the remote control to select a suitable sound mode. → Set the volume of the sound bar to 75 percent of maximum (Note: the maximum volume drop 3 levels is 75 percent) . → Secure cable connections on the sound bar and TV (or other connected sources). → Try with different source devices. If the problem still exists, check the cable connections. → Ensure that the cables connected to the source devices are correctly plugged in and the plugs are fully inserted.

Problem	Solution
Poor audio quality	→ Reduce the volume of your source device. Audio cable connection; → Double clicking the boost button on the remote control to restore the volume. Bluetooth connection; → Bring the Bluetooth device closer to the sound bar and make sure that no obstacles are disturbing the connection.
Remote control does not work	→ Ensure that the batteries are correctly inserted; if necessary, replace the batteries. → Bring the remote control closer to the sound bar and make sure there are no obstacles in between. Ensure the remote control is within 16.5 feet (5 meters) of the system. → Aim the remote control directly at the infrared receiver of the system.
System doesn't react	→ It is malfunction probably due to electrostatic discharge. → Unplug the power adapter for at least one minute and reconnect.
Bluetooth device cannot be connect to the sound bar	→ Bring the Bluetooth device closer to the sound bar. → Switch off your device and/or sound bar, then back on, repeat the pairing process. → Make sure the sound bar is not connected another Bluetooth device. → Make sure that you have selected Sine Audio from the Bluetooth device list on your device. → Ensure you are using the correct device. If the device is still not connected, try the following; → Remove the sound bar (Sine Audio) from the list of "paired devices" on your phone/tablet. → Turn the sound bar off and then on again. → Pair it again with your phone/tablet. It should now successfully establish the pairing. Note; If none of the above solutions works, the Bluetooth device may be malfunctioning. Try another Bluetooth device. If not even the new device can be connected, the sound bar may be malfunctioning. In this case, please consult your dealer for repair.

Cleaning

Warning!

→ Before cleaning, ensure to switch the system off and disconnect the power adapter from the electrical outlet.

→ Do not use petrol, alcohol or other abrasive cleansers to clean the exterior.

→ Clean the surface of the system with a soft , dry cloth.

→ Do not use any sprays near the system. Do not use any solvents, chemicals or cleaning solutions containing alcohol, ammonia or abrasives.

→ Do not allow liquids to spill into any openings.

→ Use the original packaging if it is necessary to transport the system

Warranty Information

The warranty period for this product is 12 months from the date of its original purchase. If manufacturing defects occur, please contact your dealer at the first time, we will instruct you on how to return the defective unit back to us for repair or replacement.

The following are excluded from the Sine Audio warranty coverage:

→ Product over warranty.

→ Damage resulted from misuse and abusive action.

→ Damage resulted from chemical, fire, radioactive substance, and poison, liquid.

→ Damage resulted from natural disaster.

SineAudio

Ten years, just for original sound

English - V1.0

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