

M9 airSOUND BAR



ORBITSOUND

Compact High Performance Spatial Soundbar
with Wireless Subwoofer and Bluetooth®

Handbook v4

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Welcome

Thank you for purchasing the orbitsound M9 compact spatial soundbar with wireless subwoofer and Bluetooth. With proper use the orbitsound M9 delivers superb sound fidelity, engaging spatial stereo sound, and will provide you with a fantastic listening experience.

This instruction booklet covers important safety and setup information as well as advice on how to get the most out of your orbitsound M9.

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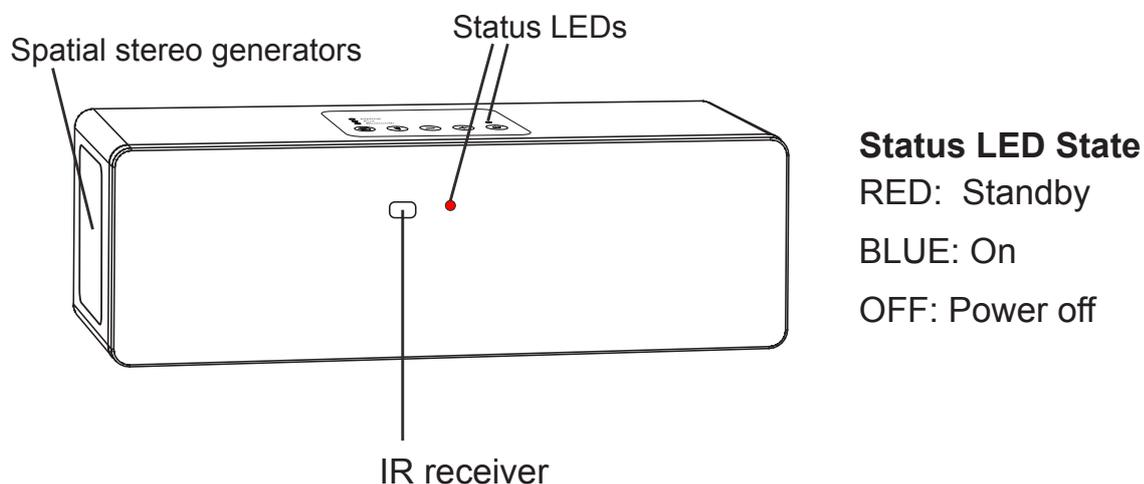
www.orbitsound.com/support

Package contents

Inside the packaging you will find:

- M9 soundbar
- Wireless subwoofer
- Remote control
- Inline power supply + power cords
- Subwoofer power cable
- Handbook
- Analogue audio connection cable
- Digital optical (TOSLINK) connection cable

The soundbar

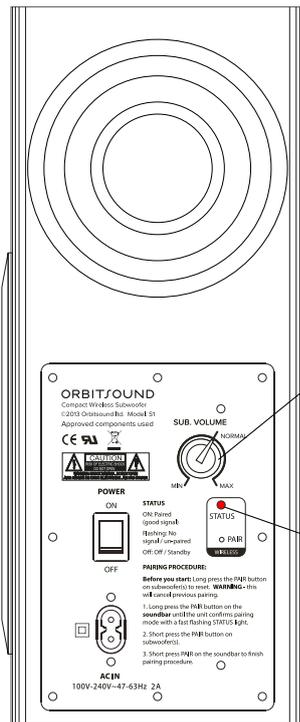


The orbitsound M9 soundbar produces most of the sound that you hear. It produces the main signal and spatial information that combine in your listening area to create a panorama of sound.

Remote control

The remote control provides volume control, tone control and sound source selection, and additionally playback controls when using a connected Bluetooth device.

The subwoofer



(Back shown)

Subwoofer Volume:

Normal: Normal volume
Max: +8dB volume
Min: Minimum volume

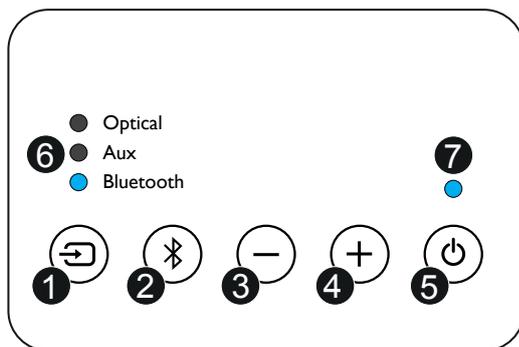
Wireless STATUS:

OFF: No connection / No power / Low power state
ON: Good sync / connection
Flash: Bad connection

The subwoofer is a wireless active loudspeaker that produces powerful Hi-Fi bass. It has been designed specially to complement the soundbar.

Control panel overview

The soundbar can be controlled from the control panel:



- 1. Source:** Press to cycle through the inputs. This controls what device is playing through the soundbar.
- 2. Bluetooth:** Short press to renew a Bluetooth connection / start playback. Long press (Press and hold) to enter pairing mode.
- 3. Vol - :** Reduce soundbar volume.
- 4. Volume +:** Increase soundbar volume
- 5. Standby:** Enter standby mode or power on.

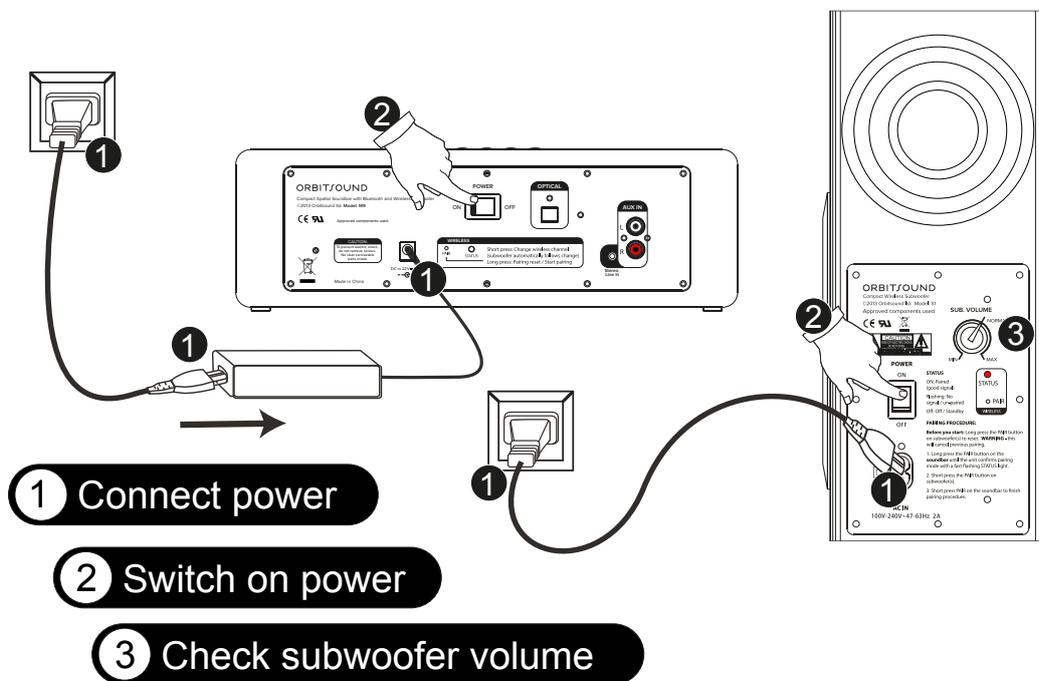
6. Source LED: Shows which source is currently playing

7. Status: Blue shows the soundbar is on. Red shows standby. The light will flash when a button is pressed on the remote or on the control panel.

Hint: Long press the power button to reset the soundbar. This will reset the source, volume, treble and bass memory to factory default settings. Press and hold for 3 seconds. The soundbar will confirm by flashing the power/status light 3 times. The unit will reset and optical source will be selected.

Getting Started

Set up - Connect, power on, check subwoofer volume



1. Connect the power supply and mains cord to the soundbar. The subwoofer connects directly to the mains via a mains cord (all cables included).

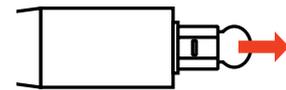
2. Switch on the power on both the soundbar and subwoofer.

3. Check the volume setting on the subwoofer. Point this to normal. You can adjust this later as preferred.

Hint: See advanced setup for more information on (3) subwoofer level. For the moment, set it to 'normal'

Connect the Soundbar to your TV

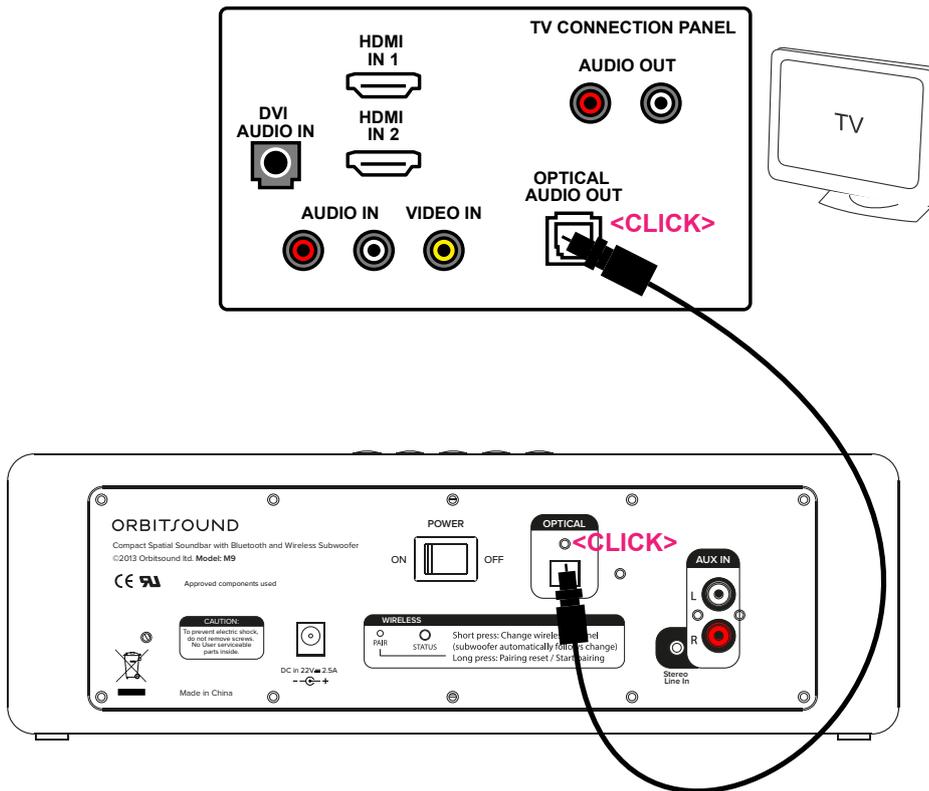
1) Remove plastic covers from optical cable:



IMPORTANT: Remove the protective plastic covers from a new TOS-LINK (optical) cable before connecting to the optical sockets. Failure to remove these covers may result in damage and will interrupt the sound output.



2) Connect to your TV with the optical cable:



HINT: When using the soundbar in this way, it is normal that the speakers on the TV will need to be turned down or muted to stop sound coming from the TV's own speakers.

HINT: Make sure that the sound output mode for the optical output on the TV is set to 'PCM', or 'Normal'. This provides the best overall listening experience.

IMPORTANT: FIRMLY CONNECT THE OPTICAL CABLE UNTIL IT 'CLICKS'

2) (OPTION) If your TV does not have an optical output:

Use the included analogue cable to connect the audio output from your TV to the soundbar.

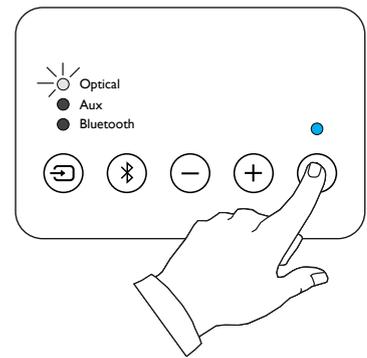
Note: Some TVs may only have a 3.5mm jack output, you can also use this output. If your TV has no audio output, you can connect the optical cable to your set top box.

3) Turn the soundbar ON:

Press the power button. The indicator light will turn blue, and the optical indicator will light, showing the unit is playing the optical source.

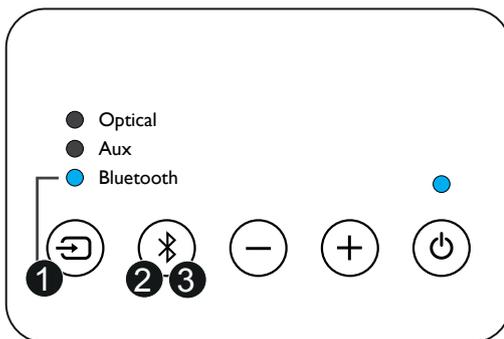
You can now hear the sound from your TV via the digital optical cable.

Hint: Use the Volume + and - buttons to control playback volume.



Bluetooth

You can connect your phone or tablet for Bluetooth playback.



- Solid blue light: You're paired!
- ⚡ Slow flash blue light: Looking for previously paired device
- ⚡ Fast flash blue light: In pairing mode

1. Press to select Bluetooth sound source. The Bluetooth source light will show the status of the Bluetooth connection.

2. To pair a new device: Press and hold the Bluetooth pairing button for 3 seconds. The Bluetooth source light will flash quickly to show that pairing mode has started. Look on your device for 'Orbitsound' in the Bluetooth device list, and pair with it. When a device is paired, the soundbar Bluetooth source light will change to solid blue.

3. If your device was previously paired, then you can short press the Bluetooth button to 'grab' the device and resume playback.

Note: If you are asked for a PIN number, enter '0000'.

AUX input

The Jack and RCA inputs (AUX) input can be heard by choosing 'AUX' on the control panel.

Hint: The RCA inputs and jack (3.5mm) inputs mix, so more than once external device can be connected. The soundbar will mix the 2 sources together.

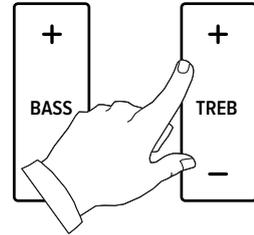
Remote control

The control panel functions can also be done from the remote control:

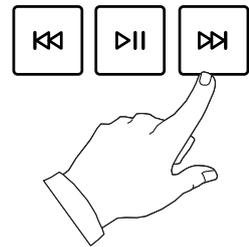
Source	Changes the input source
Volume + / -	Controls volume
Power	Enter standby / resume

Change tone: Bass and treble controls the sound:

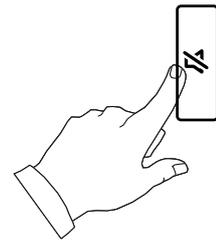
- Note: Treble changes the sound of the soundbar +/- 5 steps.*
- Note: Bass changes the volume of the subwoofer remotely +/- 5 steps.*



Remote playback: You can control the track and playback of a connected Bluetooth device:



Mute: Press the mute button to engage mute. This will stop all sound. The Soundbar status light will flash blue when mute is enabled. To resume play, press mute again:

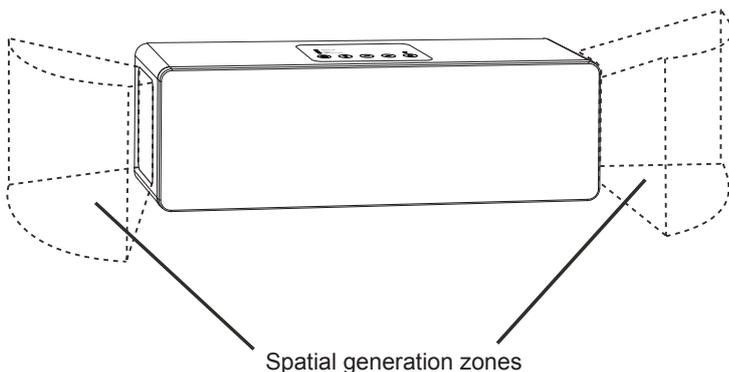


Advanced Setup & Use

The orbitsound M9 is easy to set up and enjoy, but even better sound may be achieved by following these guidelines.

Positioning - getting the best sound

The spatial sound field is produced by the speakers in the sides of the soundbar. These special signals interact with the main signal (front) to produce true stereo in your listening environment:



IMPORTANT: The areas marked need to be clear of obstacles in order for the spatial stereo sound field to work properly.

HINT: Because Orbitsound produces a uniform sound field, the soundbar does not need to be placed directly in front of the listener. Therefore, placing the soundbar conveniently so that the sides are not obstructed is more important than central placement, i.e. on low or high shelf, counter top, below/above TV.

Subwoofer placement

Subwoofer placement does not affect the overall sound much. Position the subwoofer for convenience after optimising placement of the soundbar.

IMPORTANT: Always make sure that the subwoofer's side with a port (rear) is clear from obstruction. Covering this port will adversely affect the sound.

Subwoofer volume

The subwoofer volume control on the back of the subwoofer allows you to preset the amount of bass that the system produces. Setting to 'normal' is the recommended balance. For quiet TV use, you can reduce the level. For louder music, you can increase the volume.

Note: The Bass control on the remote also changes the volume of the subwoofer.

Hint: Once the subwoofer volume is set, you won't need to adjust it often. It is set for the conditions of the room.

Wireless

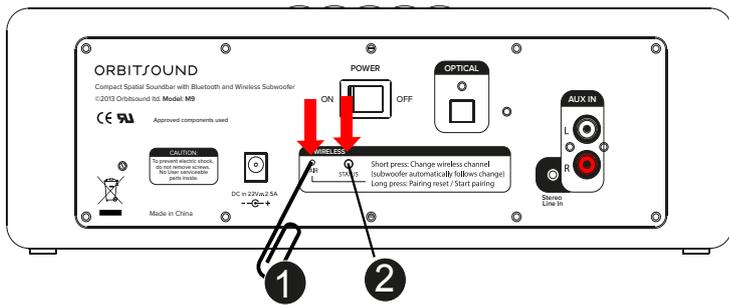
The Orbitsound wireless system is uniquely developed to deliver the best possible listening experience in terms of minimal delay, and maximum sound fidelity. The system uses a digital 2.4GHz signal, similar to that used by computer WiFi systems. For the subwoofer to work with the soundbar, it has to be paired. At the factory, the soundbar and subwoofer are paired for you. The soundbar and subwoofer should work out of the box. Here are some procedures for resetting or changing the wireless setup:

Channel selection

If you experience interference from a router, computer, or another soundbar operating on the same frequency, you can change the channel that the Orbitsound wireless system is running on.

Note: Interference usually sounds like the bass is stopping and starting, and maybe a 'popping' sound. This is easily fixed by changing channel.

To change channel - Make sure the soundbar AND subwoofer are switched on:



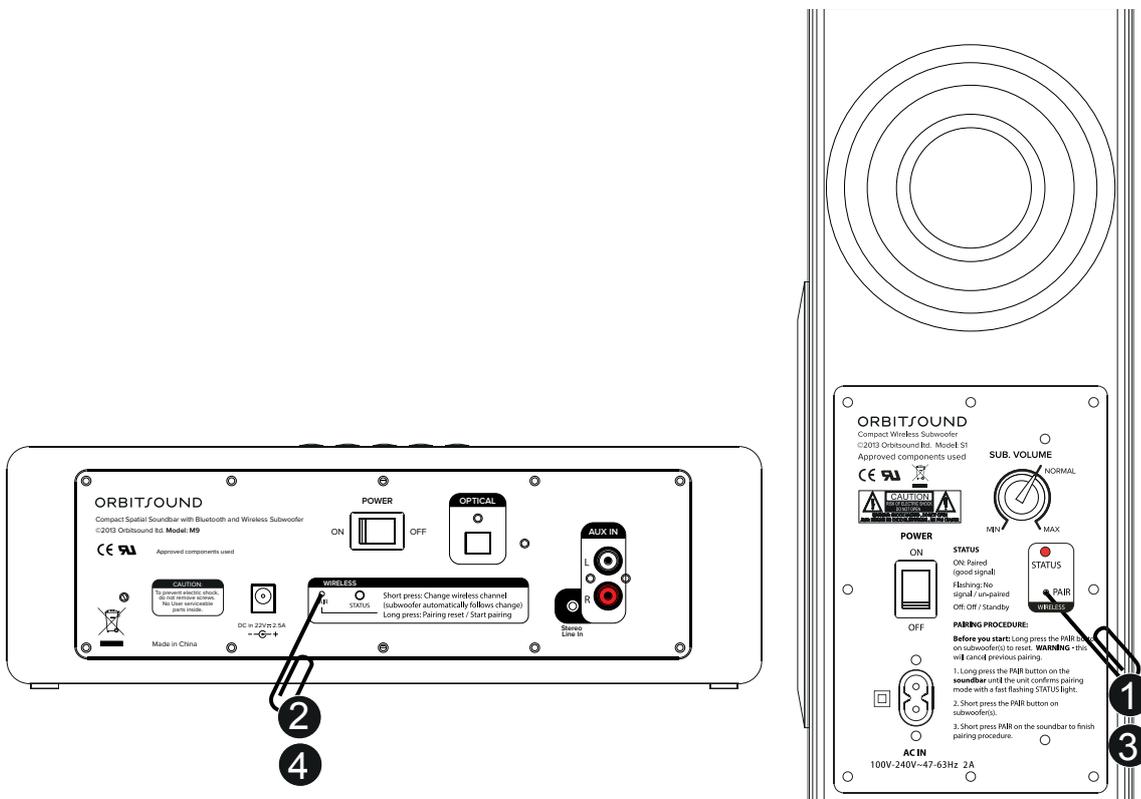
1. Use a paperclip to briefly press the 'PAIR' button on the soundbar rear panel.

2. The PAIR status lights will flash on the soundbar and subwoofer. This acknowledges that the channel has changed.

Hint: There are a total of 10 channels. Shift the channel repeatedly until there is no more interference. The soundbar will remember the channel when power is disconnected, so once set, there is no need to re-set.

Pairing

To pair a subwoofer to the soundbar, follow this procedure:



1. (Optional Step) Long press the subwoofer pair button (this erases any previous pairing). The subwoofer STATUS will flash confirmation.

2. Long press the soundbar pair button to enter pairing mode. The soundbar pairing STATUS will slow flash to show it has entered pairing mode.

3. Short press the subwoofer pair button for it to join the soundbar. The LED will change it's flashing pattern to acknowledge.

4. Short press the soundbar pair button to exit pairing mode. The soundbar and subwoofer STATUS lights will light together to show successful pairing.

Note: A short version of these instructions is printed on the subwoofer

Hint: You only need to re-pair a subwoofer if the STATUS light on it's rear panel is not showing solid red. I.e. if it is flashing, it is not currently paired with the soundbar.

Other features

Power saving

The M9 features a low power state with wireless subwoofer low-power control. When the soundbar enters standby mode, the power consumption drops. It is recommended that Users routinely use standby mode as this also shuts down the wireless subwoofer.

Setting memory

When in standby mode, or if disconnected from the mains completely, the soundbar will remember settings for pairing, bass, treble, volume and source selection.

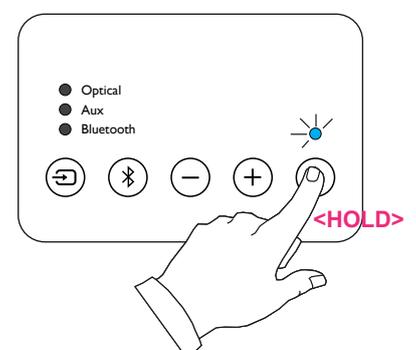
Note that the volume will be reduced if set very high when the unit re-starts to protect the listener.

Reset soundbar settings

You may wish to reset the soundbar settings. To do this, switch the unit on, then press and hold the power button for a few seconds on the control panel. The soundbar status light will flash, and then the soundbar will reset. Optical source will be selected with default settings.

Auto-mute

If there is no signal, or extremely low input signal, the soundbar will enter auto-mute mode. This reduces power consumption, and also completely silences the soundbar and subwoofer.



Bluetooth resume / grab

If you have previously paired your phone/tablet, there is no need to re-pair the device. Simply choose the Bluetooth source, then short press the Bluetooth button on the control panel. The soundbar will seek a previously paired device, and resume playback.

Note: You can also press play/pause on the remote to Bluetooth grab a remote device.

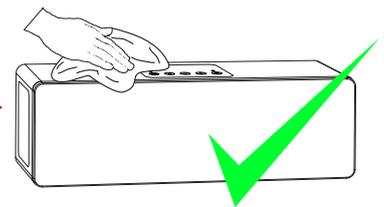


Maintenance

Cleaning and care

Use a soft, clean cloth moistened with plain, luke-warm water to clean the exterior of the unit. Glass cleaner is a good way to remove finger marks, but please use it sparingly, and avoid contact with the actual loudspeaker driver units.

IMPORTANT: Never use solvents such as benzene or other strong chemical cleaners since these could damage the unit's finish. It is VERY important that no liquid reaches the inside of the unit.



Troubleshooting

No sound is heard

- Check power connections and that there is a continuous blue light on control panel.
- Check that the TV or other sound source is playing and that it is connected properly to the soundbar. If unsure that your media device is playing, unplug, and test with headphones.
- Press the sound source button on the remote control or control panel to change the sound source. The indicators show which source is playing.
- Adjust the volume of the soundbar until sound is heard.
- Increase the volume of the playback device. The M9 features an energy saving mode that cuts the power to the amplifiers when there is no signal for a long time.

The sound is out of sync with the TV

- Make sure all video sources are connected to the TV and that the soundbar is connected to the TV optical output or RCA (AUX) output. This connection method should re-align the sound. If it is still out of sync, look for a sound/time alignment menu in the TV menus.

Remote does not work

- Check that plastic strip in remote has been removed.
- If the remote has had a lot of use, replace the battery.
- Check there are no obstructions between the remote and the front of the soundbar.

Sound is distorted

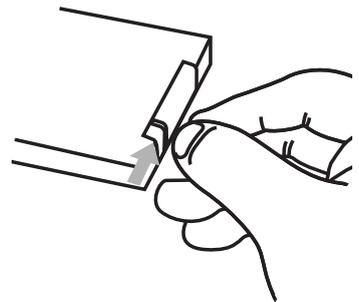
- Turn down the output of the device playing into the soundbar
- Turn up the master volume on the soundbar if necessary.
- Check that all audio connections are well seated / plugged in fully.

Sound is noisy / 'hissy'

- Turn down the volume of the soundbar unit
- Turn up the output volume of music source to compensate.
- Use the digital optical (TOSLINK) inputs if possible to reduce noise.

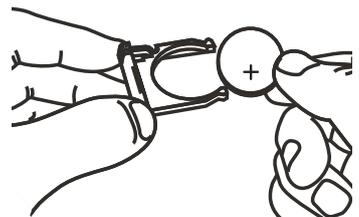
Digital optical issues: 'Clicking' or no sound

- Connect the TV optical output to the soundbar optical input preferentially.
- Ensure both ends of the optical cable have had the protective plastic tip removed.
- Ensure both ends of the cable have been inserted fully; a distinct 'click' will be felt when the cable is properly seated.
- Check the output format of the optical signal from the playing device. Choose 'normal' or 'PCM' format. Refer to the TV manufacturer's handbook for more information. You can also contact Orbitsound for advice, see contact help line in this handbook and on the packaging.



No sound/broken sound from subwoofer (soundbar working)

- Check the subwoofer volume (back of subwoofer). Set to 'normal', then adjust to preference.
- Switch off and switch on the subwoofer to reset it.
- Check power cables and power switches on soundbar and subwoofer.
- Try a different wireless channel. Use a paperclip to short press the pair button on the back of the soundbar. (See Channel selection)
- If the subwoofer STATUS light is not lit, re-pair the subwoofer (see Pairing)



Battery replacement (remote)

Use CR2032 battery type replacement

Specifications

Frequency range +/- 3 dB [Hz] Control; response (remote control) 10KHz	45 – 16KHz +/-8dB subwoofer and 10KHz
Maximum SPL [dB] Amp. power Crossover frequencies [Hz] Tweeter drivers Front main drivers Spatial drivers Enclosure type Sub-Bass driver Sub-Bass Enclosure type	95dBA 200W total 190/5,000 1 x 1" m/c 2 x 2.5 " 2 x 2" full-range Sealed/orbitsound spatial 1 x 6.5" Low profile tuned reflex
Connection input(s) input	Stereo Line level -10dBu 3.5mm jack and RCA. TOSLINK optical digital Bluetooth (wireless)
Output(s)	Orbitsound 2.4GHz audio
Recommended placement	Bar, in front of television Sub, floor, port facing wall
Dimensions (H x W x D) [mm] bar)	90 x 300 x 100mm (sound- bar) 140 x 230 x 345mm (sub)
Cabinet finish PVC	Soundbar: High gloss Subwoofer: High density
Weight (in packaging)	10.4Kg
Power consumption Standby / Idle Voltage / Power	0.4W / 4W 22V DC / 110-240v AC
Remote Control IR lead code	6122/01FE