



orbitsound T12[®]_{v3}



Handbook

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Welcome

Thank you for purchasing the Orbitsound T12 spatial stereo soundbar. With proper use the T12 delivers superb sound fidelity, 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 T12.

Orbitsound contact information:

ORBITSOUND LTD.

UK Office Tel: +44 (0)8456 521 219

UK Support Tel: 0845 539 0078

International Support: see website below.

Web: www.orbitsound.com

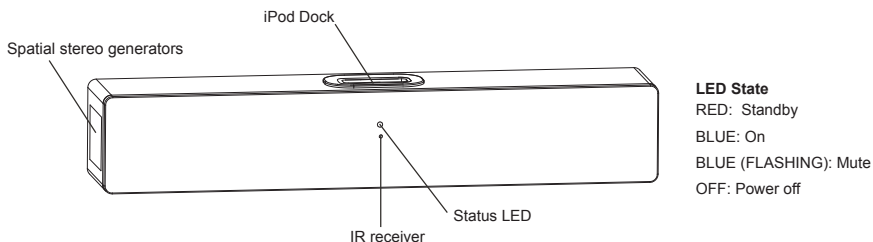
Email: support@orbitsound.com

Package contents

Inside the packaging you will find:

- T12v3 Soundbar with iPod/iPhone dock
- Subwoofer
- Remote control
- Inline power supply
- Subwoofer speaker cable
- Mains cables
- Handbook
- Audio connection cables (analogue)
- Digital optical connection cable
- iPhone® & iPod® dock adaptors

The soundbar

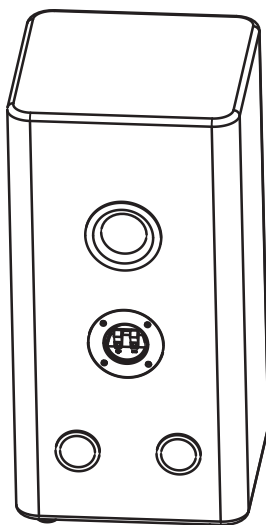


The T12 soundbar produces most of the sound that you hear. It produces the main signal and stereo information. It also houses the amplifiers for itself and the subwoofer.

Remote control

The remote control provides volume control, tone control and sound source selection, and additionally play/menu controls when using an iPod connected to the iPod dock on the soundbar.

The subwoofer

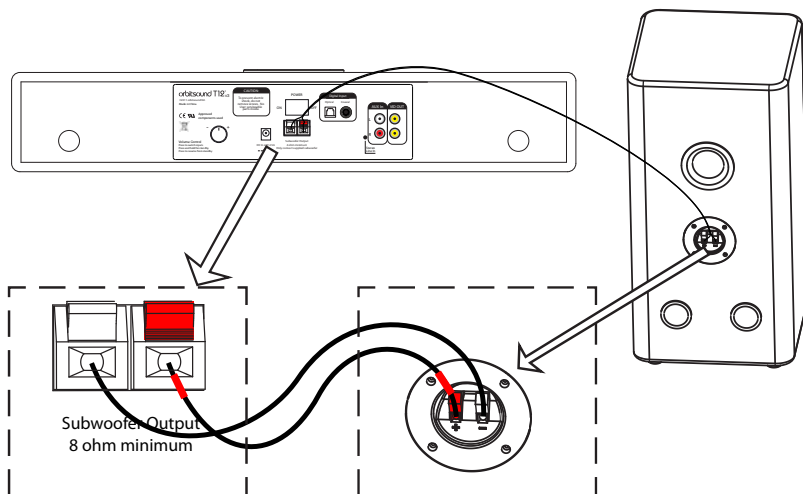


The subwoofer is a passive loudspeaker that produces powerful Hi-Fi bass.

Setting up the T12

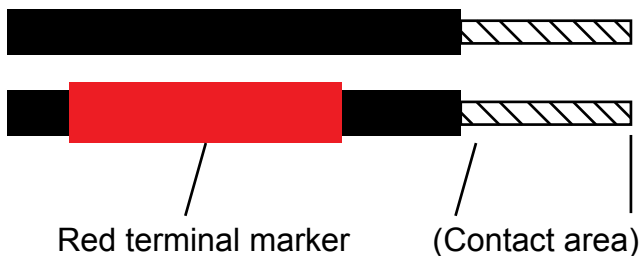
I. Connect subwoofer

Connect the subwoofer to the subwoofer output on the stereo soundbar as shown:

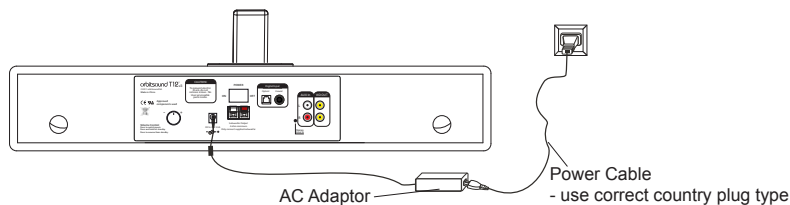


Note: The speaker wire is colour marked to make the job of identifying the correct wire for speaker terminal easy. Connect the wire marked with a red tab to the red terminal on the soundbar and the subwoofer.

IMPORTANT: Make certain that the metal core of the wires only is inserted into the wire socket to ensure metal-metal contact. The contact area is shown below:



2. Connect power

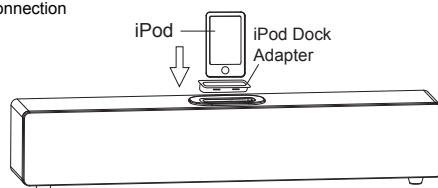


Connect the power supply as shown.

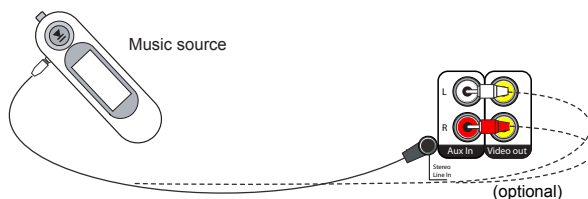
3. Connect a sound source

You can connect multiple sources to the unit and listen to either:

A) iPod connection



B) AUX connection (rear of sound bar)

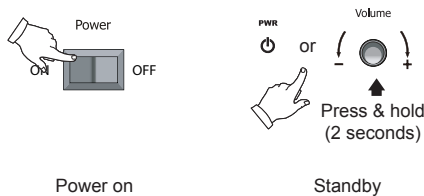


IMPORTANT: (A) It is advised that the iPod dock is used with the correct adaptor for your iPhone / iPod model. The T12 comes with some adaptors for popular models. More variants are available from Apple inc.

NOTE: (B) You can connect your sound source to either the 3.5mm line input OR dual RCA (phono) AUX IN connectors OR optical (TOSLINK) inputs. Use which ever is most convenient.

Basic operation

I. Power on

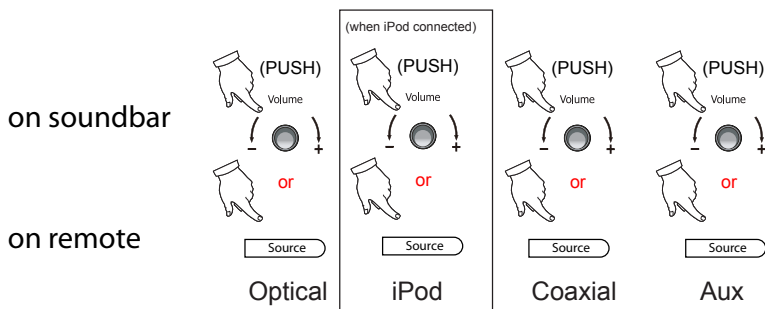


IMPORTANT: The main power switch must be on for soundbar operation. This is located on the rear of the soundbar unit.

Standby / On: The soundbar may be put into 'standby' or resumed on by pressing the [power] button on the remote. Briefly pressing the volume control on the rear of the soundbar also switches on the unit when it is in standby. Pressing and holding the volume button for 2 seconds will enable standby mode.

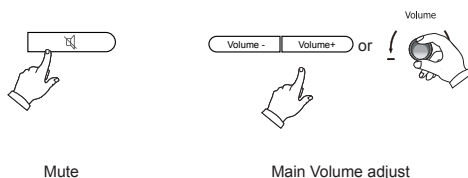
NOTE: The colour of the LED on the front of the soundbar shows the current status of the unit. Red means the unit is in standby mode. Solid blue indicates that the unit is on.

2. Source selection



Source select: Press the 'Source' button on the remote (or briefly press the volume knob on the unit's rear) to cycle the sound source from optical, to iPod, to coaxial digital, to analogue Aux. The iPod selection is skipped if no iPod is present (i.e. only 3 inputs are available when no iPod is in use).

3. Volume / Mute

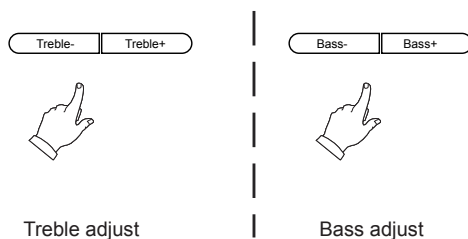


Mute: Press the [mute] button on the remote to silence or resume play through the soundbar.

NOTE: When the soundbar is on and mute is enabled, you will see a blue flashing light on the front of the soundbar. A continuous blue light indicates that the soundbar is on.

Volume: Volume may be adjusted from the [volume] + and - buttons on the remote, or by turning the volume control on the rear of the unit. The blue light flashes as the volume is adjusted.

4. Tone adjustment



The sound tone may be adjusted with the remote control.

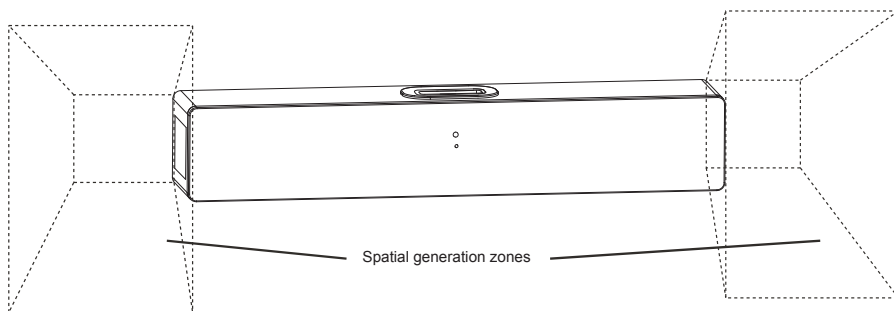
Note: the blue indicator light on the front of the sound bar will flash as the tone is adjusted. It will stop flashing when the minimum or maximum bass or treble adjustment is reached.

Advanced Setup

The T12 is easy to set up and enjoy, but even better sound can be achieved by following these guidelines.

1. Positioning: getting the most from spatial stereo

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



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

HINT: Because Orbitsound produces a uniform stereo 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, countertop, below/above TV

2. Subwoofer placement:

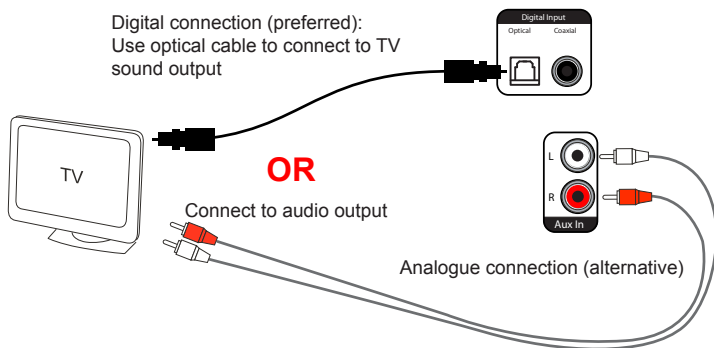
Subwoofer placement does not affect the overall sound much. Position the subwoofer after optimising placement of the soundbar.

HINT: The sound output from the subwoofer is omni directional, so this can be placed anywhere. However, try to avoid placing the subwoofer too far from the soundbar as this can cause a noticeable 'separation' effect. A good place is behind or beside your TV.

IMPORTANT: Always make sure that the subwoofer's side with a port is clear from obstruction. Facing the nearest wall with the open port sometimes increases the bass effect.

Connection to TV

This configuration can be used for TVs with an optical digital output. The TV sends stereo sound directly to the soundbar. Connecting sound from the TV like this is usually the best sound connection method for many reasons. Connecting the soundbar directly to a set-top box / Blu Ray can introduce A/V sync issues as some TVs will delay the video a little. We recommend that the sound source should be the TV's optical output whenever possible.



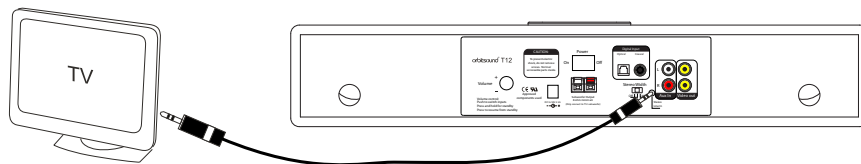
HINT: When using the soundbar in this way, it is normal that the speakers on the TV will need to be turned down or muted to stop sound coming from the TV's own speakers.

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

IMPORTANT: FIRMLY CONNECT THE TOSLINK UNTIL IT CLICKS INTO PLACE

Enhancement to TV sound (replacing TV speakers, analogue)



Connect headphones out on TV to 3.5mm input on T12 (alternative connection)

HINT: When used in this way, the TV remote control should adjust the volume into the soundbar, but the iPod dock volume will be different to the TV listening level. Please be careful of volume level when using this way.

IMPORTANT: Make sure that the soundbar is initially turned down when connecting to a TV this way. Once the soundbar is connected, raise the TV volume to about half, then adjust the soundbar volume to a comfortable listening level.

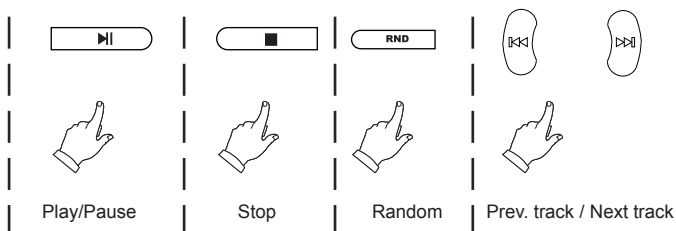
HINT: If the TV speakers do not automatically mute when the 3.5mm jack cable is inserted, check the TV sound menu.

Video output

The soundbar features 2 x RCA composite video outputs. These will display video content and/or photos from your iPod/iPhone when it is played. There is no on screen menu, the video output is to watch video output only (i.e. youTube).

iPod control & charge

Basic play control is achieved by pressing the following buttons on the T12 remote control unit:

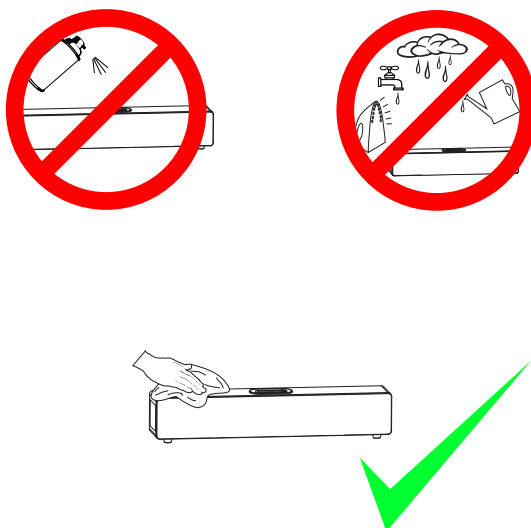


Charge / Menu

The iPod/iPhone is charged when it needs charge and when connected. Also, the menus may conveniently be navigated from the remote for most iPod models. Pressing the 'iMenu' button enters the iPod menu. Use the remote navigation functions to control your iPod.

Maintenance

Cleaning and care

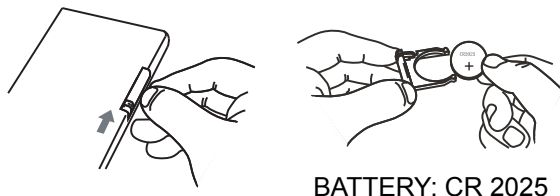


Use a soft, clean cloth moistened with plain, luke-warm water to clean the exterior of the unit. Glass cleaner is a good way to remove finger marks, but please use it sparingly, and avoid contact with the actual loudspeaker driver units.

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

Battery replacement (remote)

Replace remote battery with anode up (+) from back-side.



Troubleshooting

No sound is heard

- Check power connections and that there is a continuous blue light on the front of the unit.
- Check that the iPod/TV or other sound source is playing and that it is connected properly to the soundbar. With iPod, check that the unit is docked fully. If unsure that your media device is playing, unplug, and test with headphones.
- Press the sound source button on the remote (or briefly press volume knob on rear of soundbar) to change the sound source. The blue light flashes briefly when the sound source is changed.
- Adjust the volume of the soundbar until sound is heard and press source button again if there is still no sound.

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 sound output or RCA sound output sockets. 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 (if there is one) 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.

Sound stops when I plug in my iPod

- The source is automatically changed to iPod when an iPod or iPhone is connected to the dock. Press 'source' or briefly press the volume control on the rear panel to cycle the source back to what you had before.

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 helpline later in this handbook.

Orbitsound Warranty

This Orbitsound product is supplied with a 12 month limited manufacturer's warranty dated from new purchase date. This warranty covers repairs or replacement that may be required in the event of unit failure during normal use, subject to the terms and conditions stated below and at the Agent's discretion. This warranty is non transferable and excludes any routine maintenance, consumables or parts, or any work arising from use of the equipment outside the recommendations in the handbook, misuse or negligence.

Warranty Terms

'Agent' means Orbitsound Ltd. or an Orbitsound representative appointed for the purposes of fulfilling the manufacturer's warranty.

'Purchaser' means the company, firm or person using the product for the warranty period.

'Product' means the good sold to the Purchaser under contract.

Making a Warranty Claim

In the event that the unit stops working or performing as described in the handbook, the following procedure must be followed in order to have the unit restored or replaced by this warranty:

1. Contact your Orbitsound support agent FIRST.
2. If the support agent advises to do so, return the unit in its original packaging complete with PROOF OF PURCHASE to the address advised.
3. You will be advised by the Agent on the action that will be taken and any costs payable, subject to the conditions of this warranty.

Orbitsound Ltd Warranty Terms and Conditions

1.RETURN TO BASE WARRANTY

Faulty products will be repaired or replaced (as deemed appropriate by the relevant Agent) at the Agent's premises.

2. LIMITATIONS

The warranty covers the product and any agent installed accessories provided

that the equipment has been installed and used in accordance with the supplied handbook instructions. The warranty will not cover repairs or replacements arising from misuse or accidental damage. See Warranties and Liabilities.

3. CHARGES

For warranty repairs that are 100% covered by the manufacturer's warranty, there will be no charge for any repair or replacement or return freight to the purchaser. Any repairs or replacements that are found to be outside the scope of this manufacturer's warranty are chargeable, and the return freight will be charged at the Agent's discretion. Associated charges must be paid in full before the returned item(s) will be dispatched to the Purchaser.

4. WARRANTIES AND LIABILITIES

- a. Subject to the provisions below the supplier warrants that the product will perform in a manner fit for purpose.
- b. The Agent shall be under no liability in respect of any defect in the product arising from any action whatsoever by the Purchaser except such action as is described and recommended in the handbook supplied.
- c. The Agent shall accept no liability for any defect arising from excessive wear and tear, willful or accidental damage, abuse, negligence, abnormal operating or storage conditions or failure to follow the operating
- d. Unauthorised modification or repair by unauthorised person(s) voids this warranty immediately.
- e. The Agent shall be under no liability under this warranty if the total agreed price for the product has not been paid in full.
- f. The liability of the Agent shall not exceed the price paid for the product and the Agent shall not be liable for any loss of profit or consequential damage or any other claim for compensation.
- g. This warranty does not affect any statutory consumer rights that may exist where the Product was purchased.

5. FORCE MAJEURE

The Agent shall have no liability for delay or failure to perform if such failure is due directly or indirectly to any cause beyond the Agent's reasonable control including but without limitation to acts of God, explosion, fire, terrorism, accident, war or

threats of war, prohibitions of any kind, embargoes, strikes or lockouts.

GENERAL

The Agent may assign or subcontract responsibilities and rights under this warranty. In all warranty cases, please refer to the support pages of www.orbitsound.com first.

Contact Information

ORBITSOUND LTD.

Tel UK office: +44 (0)8456 521 219

Web www.orbitsound.com

Email info@orbitsound.com

For email support: support@orbitsound.com

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Specifications

Frequency range +/- 3 dB [Hz]	40 – 16KHz
Control; response (remote control)	+, -6dB at 60Hz and 8KHz
Maximum SPL [dB]	96dBA
Amp. power	80 + 50 + 50 (180W total)
Crossover frequencies [Hz]	160/5,000
Tweeter drivers	2 x 1" m/c
Midrange drivers	4 x 2.5 "
Spatial drivers	2 x 2" full-range
Enclosure type	Reflex/orbitsound spatial
Sub-Bass driver	1 x 6.5"
Sub-Bass Enclosure type	Tuned reflex
Connection input(s)	Stereo Line level -10dBu 3.5mm jack and RCA. TOSLINK optical digital input iPod (input and charging)
Connection output(s)	RCA composite video x2
Recommended placement	Main, in front of television Sub, floor
Dimensions (H x W x D) [mm]	95 x 602 x 100mm (main) 460 x 230 x 230mm (sub)
Cabinet finish	High gloss
Weight (in packaging)	12.9Kg / 28lb
Power consumption Standby / Idle	3.17W / 5.63W
Power charging iPod/iPhone	7.7W / 12W
Voltage / Power	22V DC
Remote Control IR lead code	6122/01FE