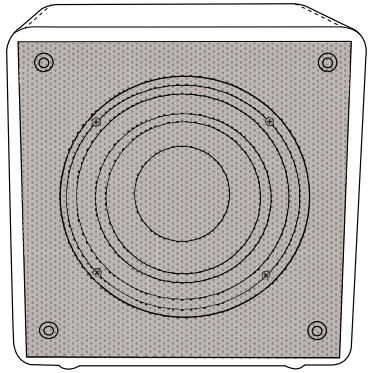
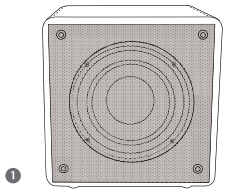
SUB

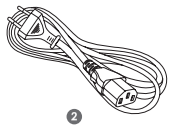


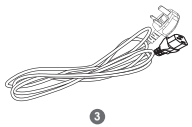
Features

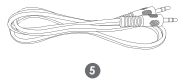
- Inputs: RCA Line In
- Output: USB for Blue Aura WsR Receiver
- Auto On power, low consumption (<0.5W in standby)
- Phase switch, Crossover adjustment, Volume control

What's in the box?



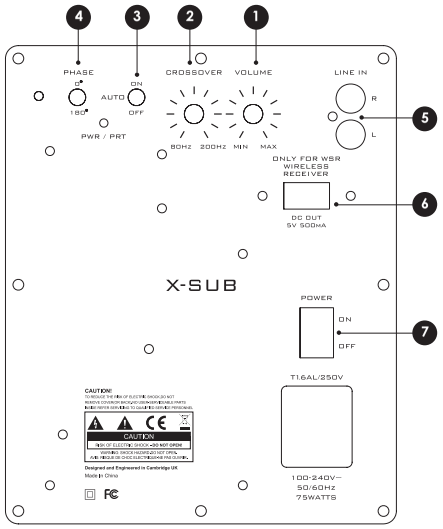






1. 1 x x30 sub woofer
2. 1 x Mains lead UK
3. 1 x Mains lead EURO
4. 1 x 2m sub woofer connection cable

Rear Panel



1. Volume Control
Adjust the volume of the x-sub relative to that of the main loudspeakers, taking into consideration the location of the x-sub and surrounding environment.
See also Placement

2. Crossover Frequency Adjustment
Set the Crossover Frequency to the roll off frequency of your loudspeakers which can be found in your loudspeaker specifications.
For example when used with Blue Aura x30, the Crossover Frequency should be set between 80 and 100 Hz.
Tip! Ideally the x-sub and the connected loudspeakers should not be playing the same notes.

3. Auto Standby
The x-sub will default to Standby mode if a signal has not been detected within 20 minutes.

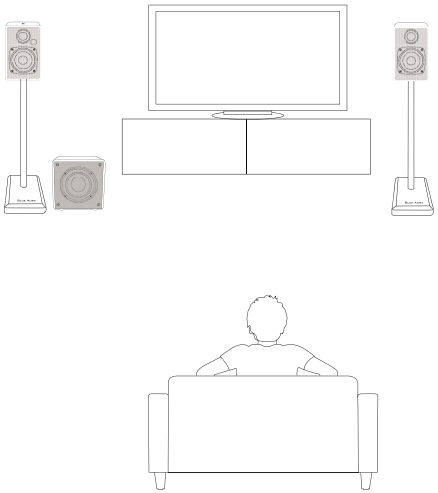
4. Phase Adjustment Switch
Once your x-sub is positioned, the Phase can be switched between 0 and 180 degrees.
0 is the usually the correct setting, but this may depend on whether there is something unusual going on inside your main speakers or there is a significant distance between the sub and your main speakers.
Choose the phase position that provides the most bass attack and articulation

5. Line In (from your Loudspeakers)

6. WSR - USB connection only.
x-sub can be upgraded to work wirelessly with other Blue Aura products by using the WAS1 Transmitter and Receiver option. Signal range is 25 meters. Using WAS1 also allows the x-sub to be placed further away from the loudspeakers as there is no hard wired connection.

7. Power Switch
Turn off when setting up and installing.
Switch the x-sub off if it will not be used for long periods.

x SUB placement



Your ⌘SUB has been acoustically designed to allow easy and convenient positioning, and although the actual placement of the ⌘SUB is not critical, you may find the following tips useful in order to optimise the performance.

Room acoustics have an impact on loudspeakers and subwoofers; "standing waves" makes bass response differ from place to place in a room.

- Placing the ⌘SUB in corners or up against a wall will yield the most bass, but may provide a boomy sound. Try to avoid placing the ⌘SUB equidistant from two walls, instead stagger the distance to each wall.
- Ideal placement is just behind, but not symmetrical with the main speakers at least 10 CM away from walls.
- For best acoustic integration, place as near to the main speaker as possible.
- Wherever the ⌘SUB is placed, room acoustics will affect the sound and taking some time to experiment with positioning, Volume, Phase and Crossover Frequency settings will result in a greater listening experience. The goal is to make it seem as though all the sound is coming from the main loudspeakers.

Important Safety Instructions

The loudspeaker is covered with a soft faux leather material. Please take care when unpacking the loudspeaker to avoid scratching or indenting the material.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of noninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Correct disposal of this product:
This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site.

Designed, engineered and supported in the UK
www.blueaura.co.uk

FCC Compliance

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.

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

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 equipment 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.
The transmitter of this device has been designed to operate with the attached antennas, and having a maximum gain of 1.5dBi. Antennas not identical as that or having a gain greater than 1.5dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication

FCC RF Exposure Requirements (MPE)

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.

Les antennes installées doivent être situées de facon à ce que la population ne puisse y être exposée à une distance de moin de 20 cm. Installer les antennes de facon à ce que le personnel ne puisse approcher à 20 cm ou moins de la position centrale de l' antenne.

La FCC des États-Unis stipule que cet appareil doit être en tout temps éloigné d'au moins 20 cm des personnes pendant son functionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut

fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Blue Aura Worldwide Guarantee

This entitles you to have the unit repaired free of charge, during the first two years after purchase, at any authorised Blue Aura distributor provided that it was originally purchased from an authorised Blue Aura dealer or distributor. The manufacturer can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair, neither can they accept responsibility for damage or loss occurring during transit to or from the person claiming under the guarantee.
The warranty covers:
Parts and labour costs for two years from the purchase date. After two years you must pay for both parts and labour costs, the warranty does not cover transportation costs at any time.
Claims under guarantee
This equipment should be packed in the original packing and returned to the dealer from whom it was purchased, or failing this, directly to the Blue Aura distributor in the country of residence.It should be sent carriage prepaid by a reputable carrier. No responsibility can be accepted for the unit whilst in transit to the dealer or distributor and customers are therefore advised to insure the unit against loss or damage whilst in transit.
For further details contact Blue Aura at:
Blue Aura Customer Support, 01480 477738 or email support@blueaura.co.uk.

If your Blue Aura dealer is unable to answer any query regarding this or any other Blue Aura product please contact Blue Aura Customer Support at the above address and we will do our best to help you.

Please register your new product at http://www.blueaura.co.uk/register

Blue Aura reserves the right to change all specifications without notice. (E & OE)

Specifications:

Principle: Powered bass reflex subwoofer, front-fire.

Low Frequency unit: 6.5" Woofer

Frequency Range: 25-200Hz

Crossover Frequency: 80-200Hz Adjustable

Phase: Switchable 0-180 degree

Dimensions: W230XD230XH240

Weight: 5KG

EC DECLARATION OF CONFORMITY

This product conforms with the following EEC Directives, their supporting Statutory Instruments and relevant Standards, where applicable as follows:

EC Council Directive on electromagnetic compatibility 2004/108/EC,
Applicable standards with amendments: EN5013:2001 + A1:2003 + A2:2006
EN55020:2007
EN 55022
EN 55024
IEC 60950-1:2005
EN61000-3-2:2006 + A1:2009 + A2:2009
EN61000-3-3:2008

EC Low Voltage Directive 2006/95/EEC,
Applicable standard with amendments: EN60065:2002 + A1:2006 + A11:2008 + A2:2012