

## BRS-15 Datasheet



BRS-15 is a compact, subwoofer, designed for install or portability. With exceptional low frequency of 45 Hz and fast response time of the 15" driver, the BRS-15 is capable of 135 dB SPL. Weighing 31.5kg with integrated handles this product is perfect for portable use. With discreet installation in mind, the foam fronted compact design will not look out of place on any project.

BRS-15 is a 15" reflex tuned subwoofer designed to be used with the BRT series of mid high cabinets extending low frequency response. This conventionally shaped cabinet can be hidden against a wall or under seating. When used in multiples the BRS-15 can cover a large room and still blend in nicely to the interior. The discreet design with reticulated foam front and acrylic textured paint finish and multiple integrated fixing points achieves a high class look suitable for any application.

# Technical Specifications

## Design

1 x 15" Subwoofer Cabinet,  
Reflex Tuning

## Impedance

8 Ohm, Minimum 6.8 @ 47 Hz

## Power Handling (AES)

600 Watts (continuous)

## Max. Power Handling (AES)

1200 Watts (program)  
2400 Watts (peak 10 ms)

## Sensitivity 2.83V / 1m

101 dB

## Max. SPL

129 dB cont  
135 dB peak

## Frequency Response ( $\pm 3$ dB)

49 Hz - 300 Hz

## Usable Frequency Range (-10 dB)

45 Hz - 300 Hz

## Dispersion

Omni

## SYSTEM OPERATION

### Recommended Amplification

600 - 1200 Watts

### System Controller

Ohm DSP Solutions

### Speaker Cables

Min - 2 x 2.5 mm<sup>2</sup>  
Preferred - 2 x 4 mm<sup>2</sup>

## PRODUCT FEATURES

### Components

1 x 15" Low Frequency Driver

### Crossover

Passive - - kHz

Active - \* LPF - 120 Hz  
HPF - 45 Hz

## Connectors

2 x 4 pole Speakon Connectors

## Dimensions (H x W x D mm)

508.3 x 500 x 500

## Weight (kg)

31.5

## Shipping Weight (kg)

34 (1 cabinet per carton)

## Colour

Black

## Options

Available in white or RAL colours on request

## Rigging

Cup and Foot stacking system, Mounting plates for use with Threaded Adjustable Poles.

## HARDWARE

### Fitted as Standard

TP-1P, Foot and cups stacking System, Ohm ergonomic handles.

### Optional

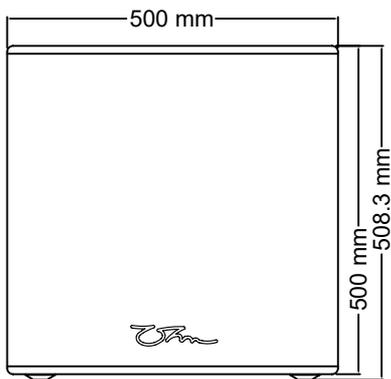
TP-1 Adjustable threaded pole.

### Additional Descriptive Data

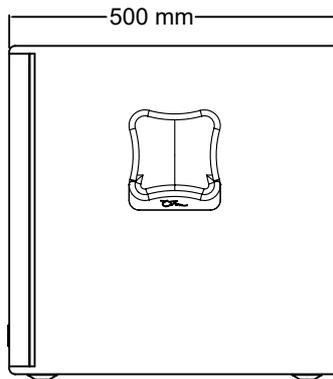
Birch plywood construction, with durable scratch resistant black textured paint finish, kick-proof steel grill and black foam with Ohm logo.

## BRS-15 Dimensions

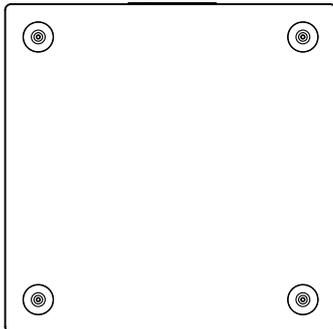
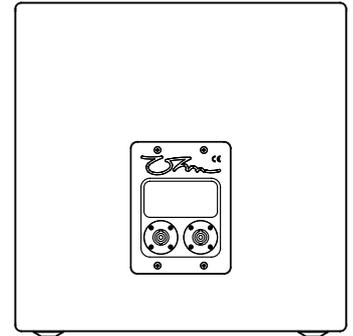
Front



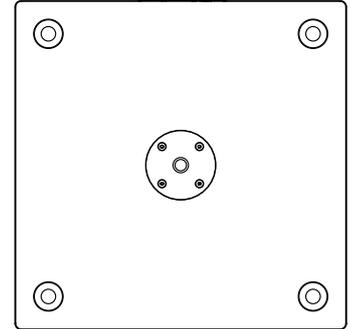
Side



Back



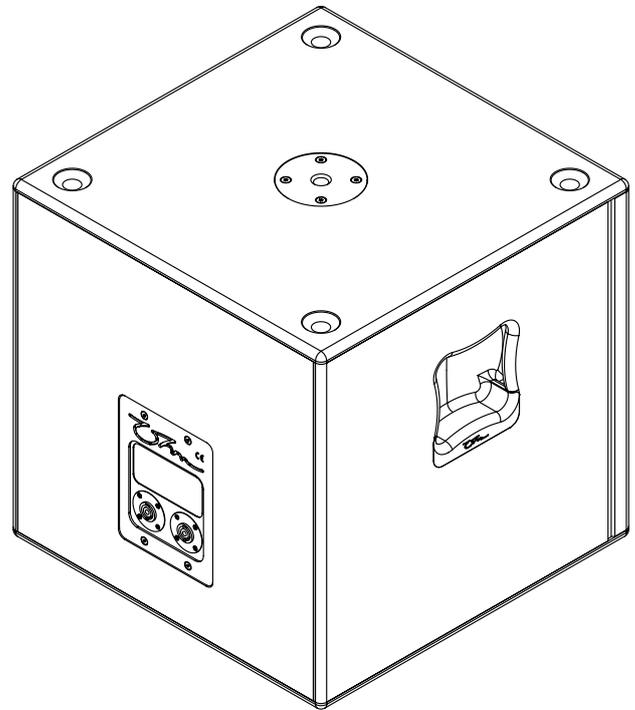
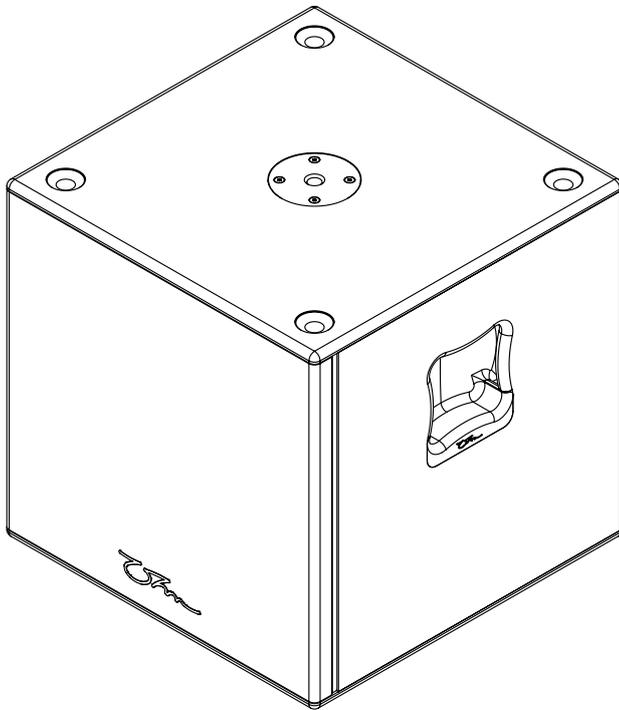
Bottom



Top

Further technical drawings for architectural requirements are available in DXF and DWG format for download on the website.

## BRS-15 3D View



## Accessories and Spare Parts

- TP-1 adjustable threaded pole
- TP-1P threaded Mounting Plate
- 1 x 15" low frequency driver
- BRS-15 steel grill assembly
- BRS-15 backplate Assembly
- Steel OHM Logo

## Architects' & Engineers' specifications:

Reflex loaded Subwoofer design, housing 1 x 15" proprietary OHM low bass driver. Homogeneous radiating behaviour and linear response in the entire frequency range. Constructed from different multi-laminated wood, eco-friendly scratch resistant paint, Foot and cup stacking system to ensure cabinets stability when stacked in multiples, ergonomic carry handles, kick proof steel grill finished with external reticulated foam and Ohm logo.

## Technical Data:

Frequency Response: 45 Hz - 300 Hz (-10dB), 49 Hz - 300 Hz ( $\pm 3$  dB), Continuous SPL: 129 dB/1m, Program SPL 132 dB/1m, Peak 135 dB/1 m. Power Handling: 600 Watt cont. IEC268 AES, Maximum Power Handling: 1200 Watt prog. / 2400 Watt peak, Impedance Nominal: 8 ohm, Dispersion Nominal: Omni. Connectors: 2 x Speakon NL4MP (1+/1-, 2+/2- links). Dimensions (H x W x D): 508.3 mm x 500 mm x 500 mm, Weight: 31.5 kg. Options: Durable scratch resistant black textured paint finish. RAL colours available to order.

## Safety Instructions

Professional speaker systems are able to produce sound pressure levels that could harm your health.

Never stand directly in front of loudspeakers for long periods. Whilst not immediately apparent to the listener, sound pressure levels in excess of 90dB@1m can be hazardous to the hearing.

Please refer to the following advice when setting up or dismantling OHM speaker systems.

1. Be sure to leave adequate distance between speakers and the public. Refer to your local authority for Health and Safety guidance when using loudspeaker systems.
2. Be sure to have safe and stable ground for your speakers, particularly when using speaker stands.
3. When stacking speaker systems, ensure they are secured to prevent individual speakers from falling down or moving around.
4. Only use OHM mounting hardware, as this has been specified and approved by OHM (UK) LTD for use with OHM speakers.
5. When flying speakers, appropriate materials and techniques must be employed in order to safely suspend enclosures, taking care to allow for specified enclosure weight.
6. Please observe any special instructions that appear on specific loudspeaker data-sheets.
7. Check your speaker hardware and flying material regularly for any visual or mechanical failure. Replace damaged or suspect items when necessary.

## Safety Instructions Cont.

8. Only use OHM DSP Solutions. Only technicians authorised by OHM (UK) LTD are qualified to program digital controllers. Take note of recommended controllers as specified on the datasheets. Do not use OHM loudspeaker systems without the correct controller. If a system fails due to incorrect controller use, warranty is void.

9. Protect your speakers and electronics from freezing and do not expose them to humidity, water or rain without protection.

OHM loudspeakers and electronics are covered against defects in workmanship or materials for a period of two (2) years from original date of purchase. At the discretion of OHM (UK) LTD, the defective item will be repaired/replaced with no charge for materials or labour. The item is to be adequately packed and dispatched, pre-paid, to an OHM authorised distributor/service centre. Unauthorised repair shall void the warranty. The OHM warranty does not cover cosmetics or finish and does not apply to any item which in OHM's opinion has failed due to user abuse, accident, modifications or any type of misuse.

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