

## Features

- *Two way passive cabinet*
- *Application Flexibility*
- *Multiple mounting points*
- *High powered mid high cabinet*

## Applications

- *Bars and Nightclubs*
- *Houses of Worship*
- *Small indoor events*
- *Theatres and Performing Arts venues*



Full Range Loudspeaker, Reflex Tuning

The BR series of cabinets is the answer to professional installation needs.

OHM knows that every application is individual and with that in mind we will help you every step of the way to choose the system which most suits your environment. With ever increasing emphasis on aesthetics and the ability to fade into the background being as important as the way the systems sounds, the OHM BR series will provide the solution for any venue from background to dance floor to medium sized auditoriums. From the smallest cabinet, BR-5 up to the largest BR-15 along with perfectly matched subwoofers the BR series provides the highest level of performance with unsurpassed reliability and value for money with complete flexibility and superb sound quality.

BR-15 is a compact high powered mid-hi cabinet containing a proprietary 15" driver and a compression driver with 1.5" exit to rotational CD horn with 60° x 40° dispersion angles. To ensure maximum flexibility and to get the optimum performance the enclosure has 12 carefully positioned mounting points, these with the rotatable horn allows the cabinet to be mounted in any orientation.

Whilst intended mainly as an installation unit the enclosure includes two well placed ergonomic handles allowing easy handling when out on the road. A kick-proof steel grill finished with reticulated black foam and a stainless steel OHM logo means that the components are protected from the rigours of use and whilst being transported. The top hat allows cabinet to be used with various OHM subwoofer cabinets in a sub sat system configuration.

Signal input is via 4 pole Speakon connectors linked through to allow multiple daisy chaining.

All technical data provided is measured using appropriate OHM DSP solution settings.

## TECHNICAL SPECIFICATION

<b>Design</b>	Mid High Cabinet, Reflex Tuning.
<b>Impedance</b>	8 Ohm
<b>Power handling AES</b>	600 Watts
<b>Maximum power handling</b>	1200 Watts Program
<b>Sensitivity 2.83v / 1m</b>	99 dB SPL nominal (70 Hz - 19 kHz)
<b>Max SPL</b>	126 dB (cont. max SPL / 1m), 132 dB peak
<b>Frequency response -3dB</b>	70 Hz - 19 kHz
<b>Crossover frequency</b>	1 kHz
<b>Recommended HPF</b>	60 Hz Butterworth 18 dB per Octave
<b>Dispersion</b>	60° x 40°, Rotational

## SYSTEM OPERATION

<b>Recommended Amplification</b>	600W - 1200W @ 8 Ohm
<b>System Controller</b>	OHM DSP Solutions
<b>Speaker Cables</b>	Min 2 x 2.5 mm <sup>2</sup> Preferred 2 x 4 mm <sup>2</sup>

## PRODUCT FEATURES

<b>Components</b>	1 x 15" Low Frequency Woofer , 1 x Neodymium Compression Driver with 1.5" Exit
<b>Crossover</b>	Passive
<b>Connectors</b>	2 x 4 pole Speakon Connectors
<b>Additional Descriptive Data</b>	18 mm birch plywood construction, with durable scratch resistant black textured paint finish, 2 x ergonomic carry handles, kick-proof steel grill finished with reticulated black foam and stainless steel OHM logo.
<b>Rigging</b>	6 x Flying Points plus 6 additional mounting points, 1 x Top Hat for Pole mounting
<b>Dimensions (H x W x D)</b>	765 mm x 456 mm x 349 mm
<b>Weight (Kgs)</b>	42
<b>Colour</b>	Black
<b>Options</b>	Available in white or Ral colours on request.
<b>Hardware</b>	Rubber Feet, Flying Points, Optional Flying Eyes

## CONFIGURATION

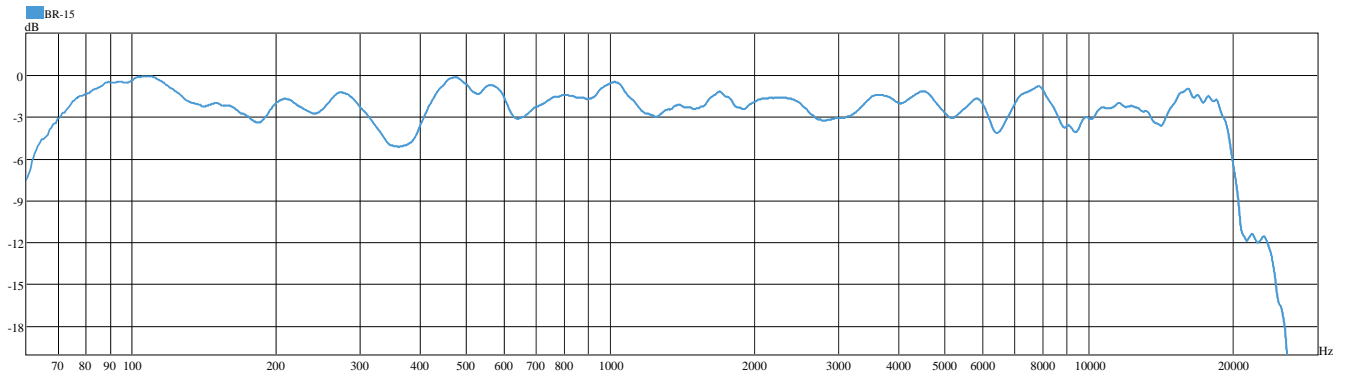
	<b>Transducer</b>	<b>Loading</b>
LF	1 x 15" Low	Reflex
MF / HF	1 x Compression Driver with 1.5" Exit	Horn Loaded

<b>Operating Mode</b>	<b>Amplifier Channels</b>	<b>External Signal Processing</b>
Single	Full operating range	OHM DSP SOLUTIONS

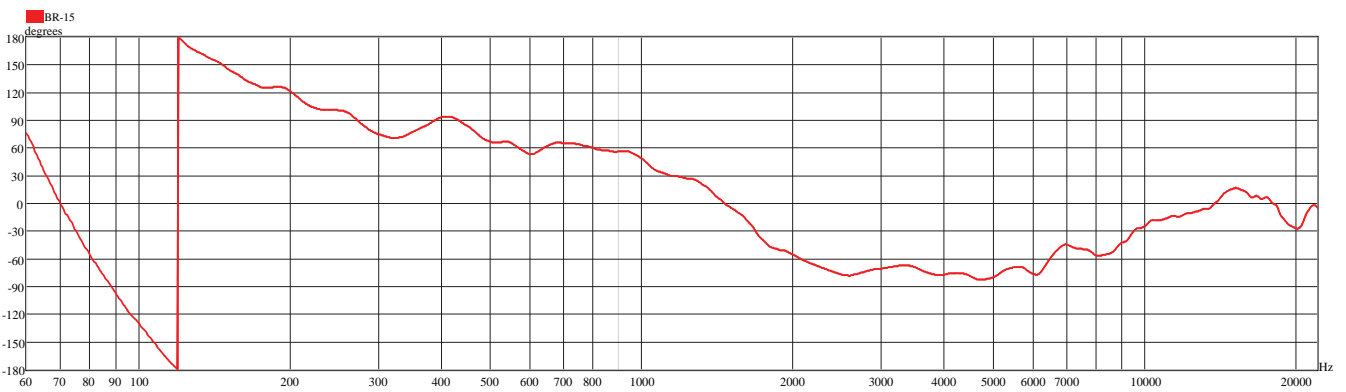
## PERFORMANCE

<b>Operating Range (-6 dB)</b>	61 Hz to 20 kHz	
<b>Nominal Beamwidth</b>	Horz 60° Vert 40°	
<b>Axial Sensitivity</b>	FR 99 dB	70 Hz - 19 kHz
<b>Input Impedance</b>	<b>Nominal</b>	<b>Minimum</b>
	FR 8 Ω	6.64 @ 150Hz

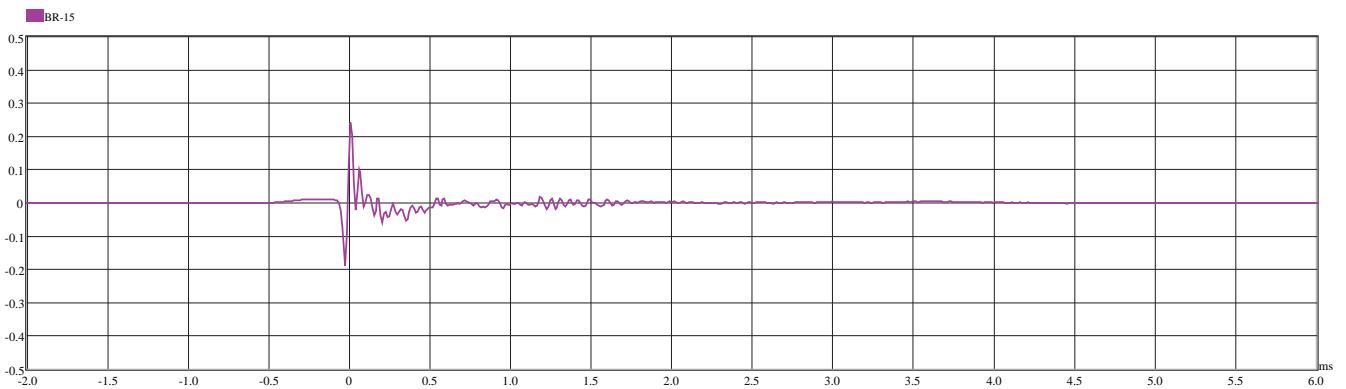
### Frequency Response



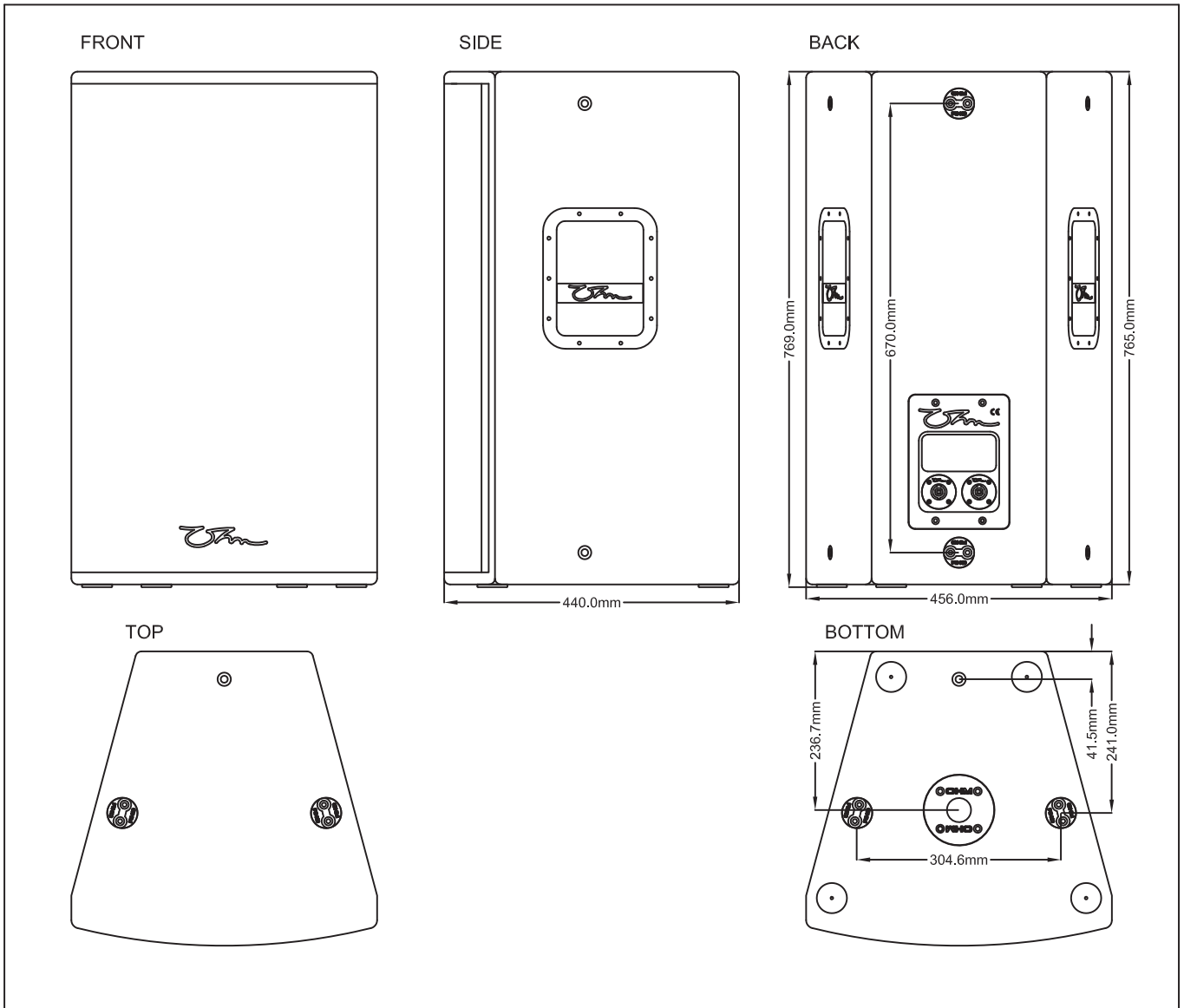
### Phase Response



### Impulse Response



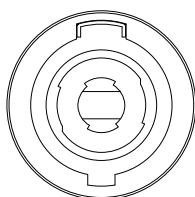
**Cabinet Dimensions**



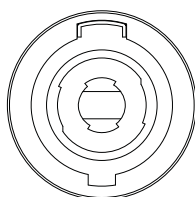
**Wiring Information**

2 x 4 pole Neutrik Speakon connectors

- 1+ Full Range +
- 1- Full Range -
- 2+ Linked +
- 2- Linked +



INPUT



LINK