

## Features

- *High Powered Subwoofer*
- *Application Flexibility*
- *Foot and Cup Stacking system*
- *18" proprietary driver custom made by OHM*

Subwoofer, Horn Loaded



## Applications

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

The TRS range consists of several mid high, multipurpose and subwoofer cabinets to meet all possible needs for small and medium touring applications. The TRS system has a high level of flexibility to create a system from different cabinets in the range depending on requirements.

Since this is a touring range all cabinets are made from 18 mm birch plywood, coated in scratch resistant paint for user durability, all of the components are designed for the rigours of the road.

TRS-118H is a high powered subwoofer cabinet containing a proprietary horn loaded 18" driver. It is one of three full size TRS subwoofers complimenting the TRS series of cabinets .

The enclosure includes four well placed ergonomic bar handles, optional dedicated wheel board for the front or four castors on the rear can be factory or retro fitted allowing easy handling when out on the road. OHM's proprietary foot and cup stacking system ensures secure and solid stacking when two or more units are stacked on top of each other. Kick-proof steel grill finished with reticulated black foam and a stainless steel OHM logo means that the driver is protected from the rigours of use and whilst being transported.

Signal input is via 4 pole speakon connectors wired 1+, 1- and linked through to allow multiple daisy chaining.

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

## TECHNICAL SPECIFICATION

<b>Design</b>	Subwoofer Horn Loaded
<b>Impedance</b>	8 Ohm
<b>Power handling AES</b>	650 Watts
<b>Maximum power handling</b>	1300 Watts Program
<b>Sensitivity 2.83V / 1m</b>	101 dB SPL nominal (49 Hz - 105 Hz)
<b>Max SPL</b>	126 dB (cont. max SPL / 1m), 134 dB peak
<b>Frequency response -3dB</b>	49 Hz - 105 Hz
<b>Crossover frequency</b>	Recommended LPF 100 Hz Butterworth 24 dB per Octave
<b>Recommended HPF</b>	40 Hz Butterworth 18 dB per Octave
<b>Dispersion</b>	Omnidirectional

## SYSTEM OPERATION

<b>Recommended Amplification</b>	650W - 1300W @ 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 18" Low Frequency Woofer
<b>Crossover</b>	-
<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, 4 x ergonomic carry handles, kick-proof steel grill finished with reticulated black foam and stainless steel OHM logo.
<b>Rigging</b>	-
<b>Dimensions (H x W x D)</b>	1156 mm x 576 mm x 746 mm
<b>Weight (Kgs)</b>	78
<b>Colour</b>	Black
<b>Options</b>	Available in white or Ral colours on request.
<b>Hardware</b>	Proprietary stacking foot and cup system, 1 x Threaded Pole Adaptor Plate for Pole mounting.

## CONFIGURATION

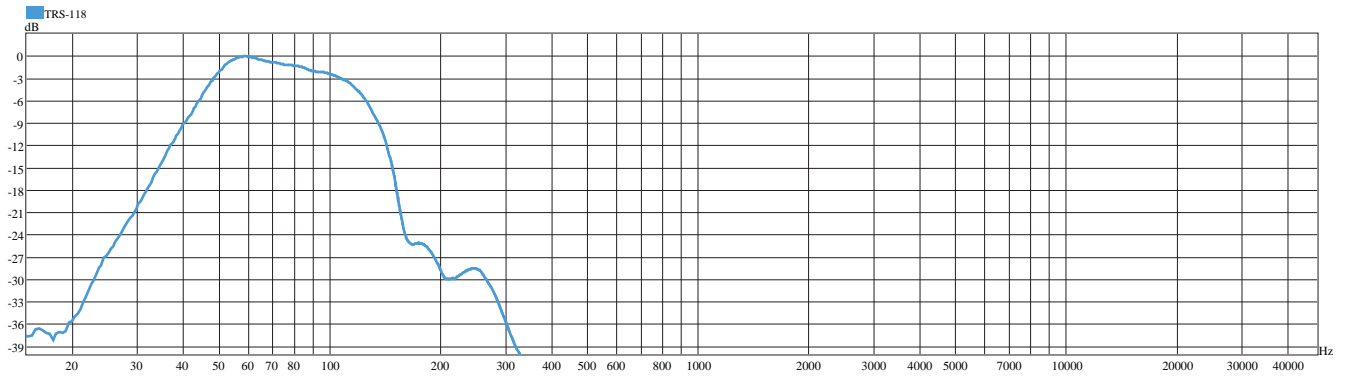
	<b>Transducer</b>	<b>Loading</b>
LF	1 x 18" Low	Reflex

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

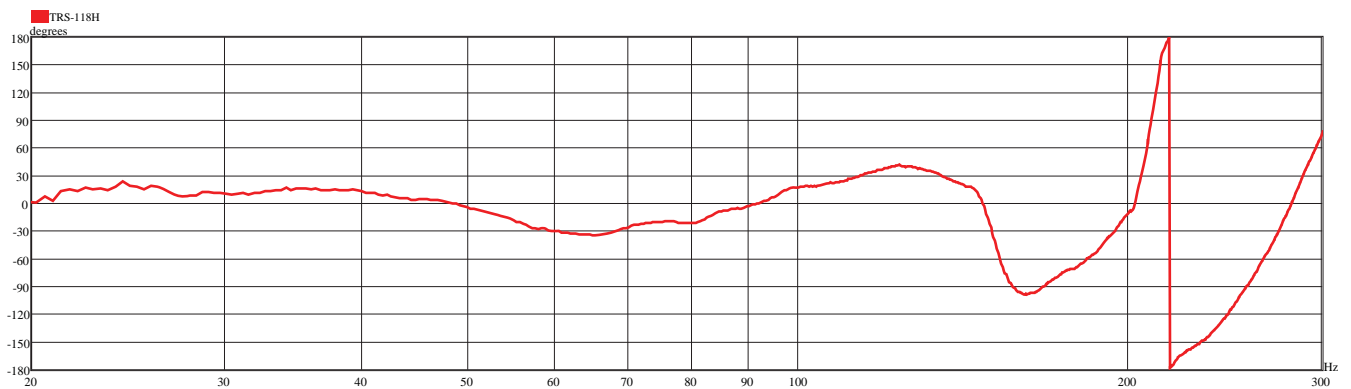
## PERFORMANCE

<b>Operating Range (-6 dB)</b>	45 Hz to 125 Hz	
<b>Nominal Beamwidth</b>	Horz	Single Unit Omnidirectional
	Vert	Single Unit Omnidirectional
<b>Axial Sensitivity</b>	FR	99 dB
<b>Input Impedance</b>		49 Hz - 105 Hz
	<b>Nominal</b>	<b>Minimum</b>
	FR 8 Ω	6.3 Ω @ 47.5 Hz

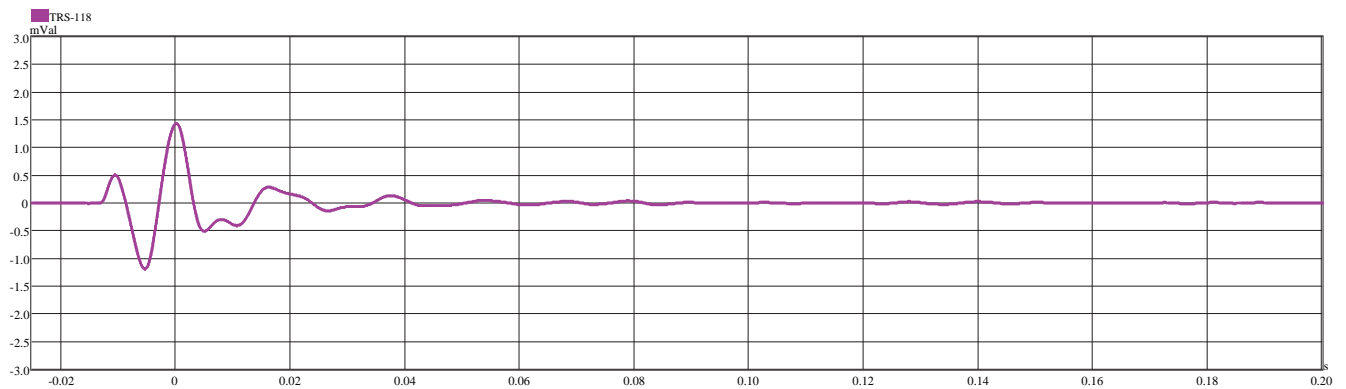
### Frequency Response



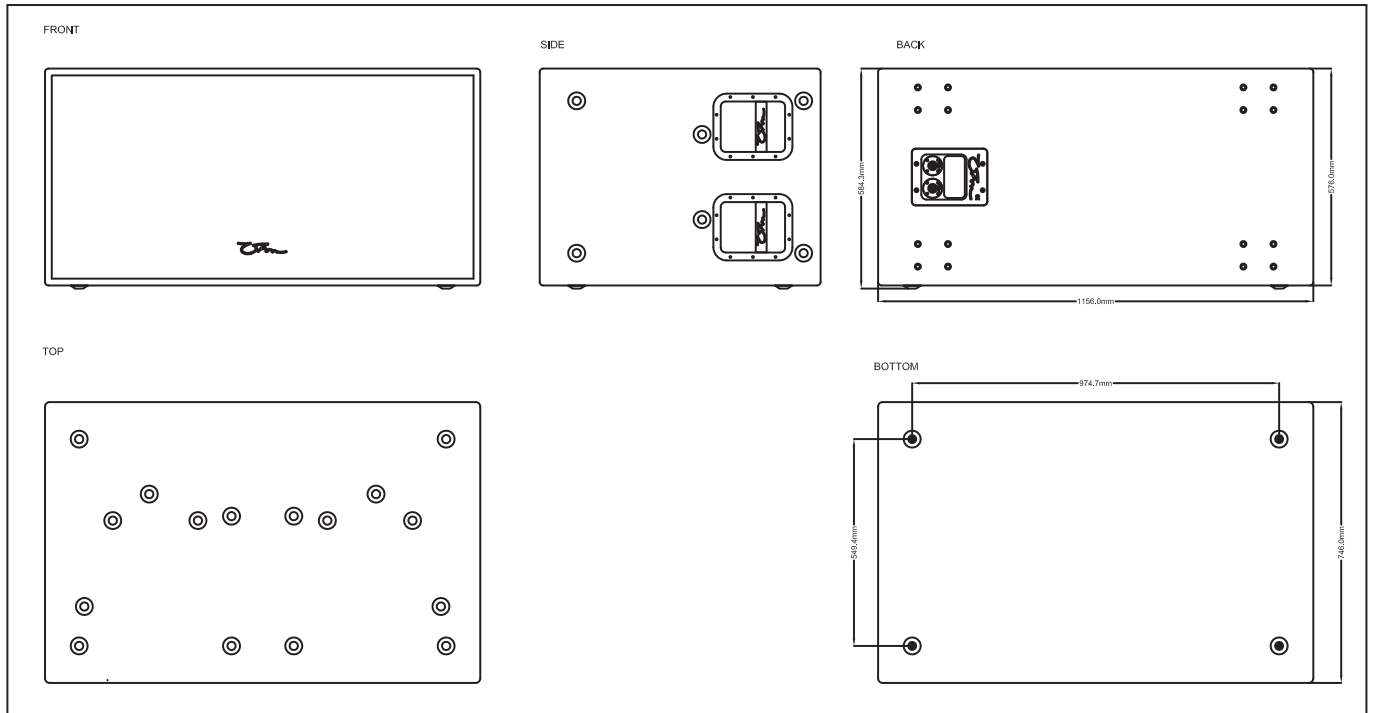
### Phase Response



### Impulse Response



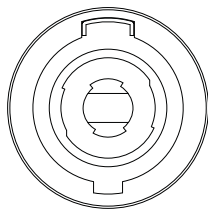
**Cabinet Dimensions**



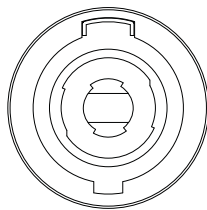
**Wiring Information**

2 x 4 pole Neutrik Speakon connectors

- 1+ Low +
- 1- Low -
- 2+ Linked +
- 2- Linked +



INPUT



LINK