

Features

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

Subwoofer, Reflex Tuning



Applications

- Bars and Nightclubs
- Houses of Worship
- Small and medium live 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-118 is a compact high powered subwoofer cabinet containing a proprietary 18" driver. It is half the size of the other TRS subwoofers with the same frontal area of the TRS-112H. Large port minimises the breathing noises and gives maximum output on the tuning frequency with minimal compression.

The enclosure includes four well placed ergonomic bar handles, A dedicated wheel board can be factory or retro fitted on the front 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. The threaded mounting plate takes a TP-1 adjustable pole allowing the sub to be used with various OHM full range cabinets in a sub sat system configuration.

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

Design	Subwoofer Reflex Tuning.
Impedance	8 Ohm
Power handling AES	650 Watts
Maximum power handling	1300 Watts Program
Sensitivity 2.83V / 1m	98dB SPL nominal (33 Hz - 111 Hz)
Max SPL	126 dB (cont. max SPL / 1m), 131 dB peak
Frequency response -3dB	33 Hz - 111 Hz
Crossover frequency	Recommended LPF 95 Hz Butterworth 24 dB per Octave
Recommended HPF	30 Hz Butterworth 18 dB per Octave
Dispersion	Omnidirectional

SYSTEM OPERATION

Recommended Amplification	650W - 1300W @ 8 Ohm
System Controller	OHM DSP Solutions
Speaker Cables	Min 2 x 2.5 mm ² Preferred 2 x 4 mm ²

PRODUCT FEATURES

Components	1 x 18" Low Frequency Woofer
Crossover	-
Connectors	2 x 4 pole Speakon Connectors
Additional Descriptive Data	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.
Rigging	-
Dimensions (H x W x D)	584.3 mm x 576 mm x 746mm
Weight (Kgs)	52
Colour	Black
Options	Available in white or Ral colours on request.
Hardware	Proprietary stacking foot and cup system, 1 x Threaded Pole Adaptor Plate for Pole mounting.

CONFIGURATION

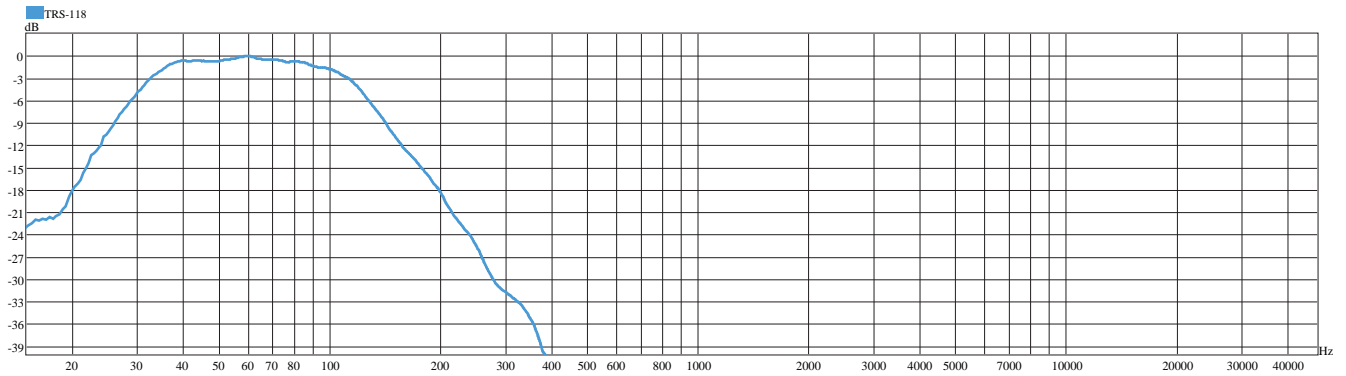
	Transducer	Loading
LF	1 x 18" Low	Reflex

Operating Mode	Amplifier Channels	External Signal Processing
Single	Full operating range	OHM DSP SOLUTIONS

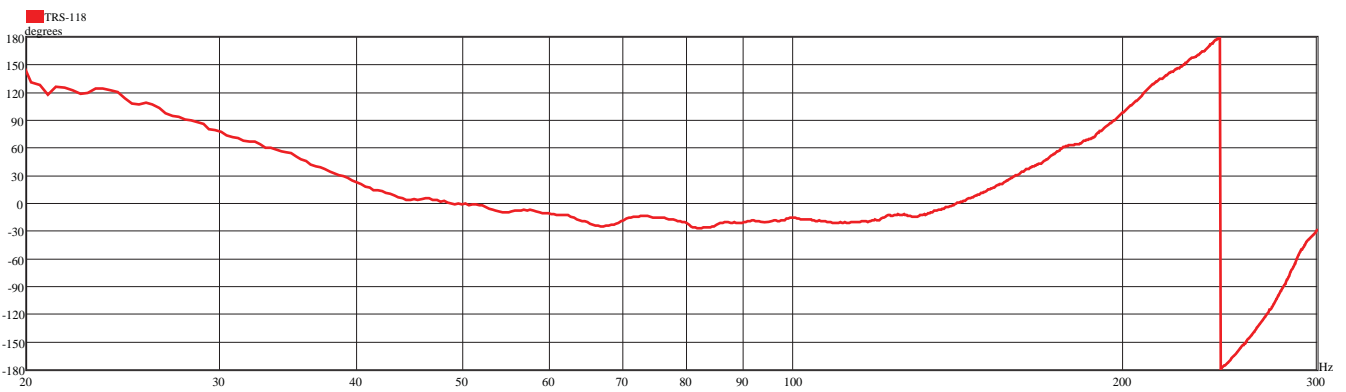
PERFORMANCE

Operating Range (-6 dB)	29 Hz to 126 Hz		
Nominal Beamwidth	Horz	Single Unit Omnidirectional	
	Vert	Single Unit Omnidirectional	
Axial Sensitivity	FR	99 dB	33 Hz - 111 Hz
Input Impedance	Nominal		Minimum
	FR	8 Ω	6.5 Ω @ 34 Hz

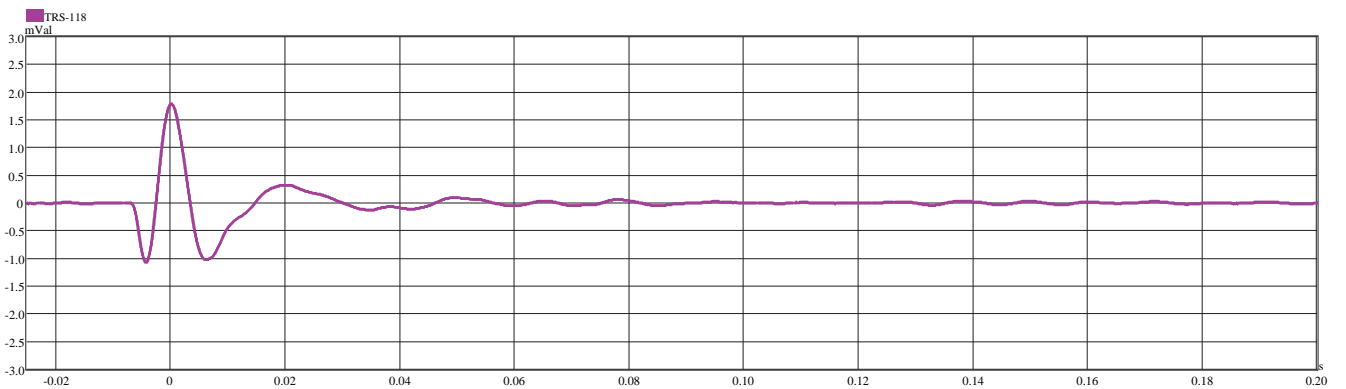
Frequency Response



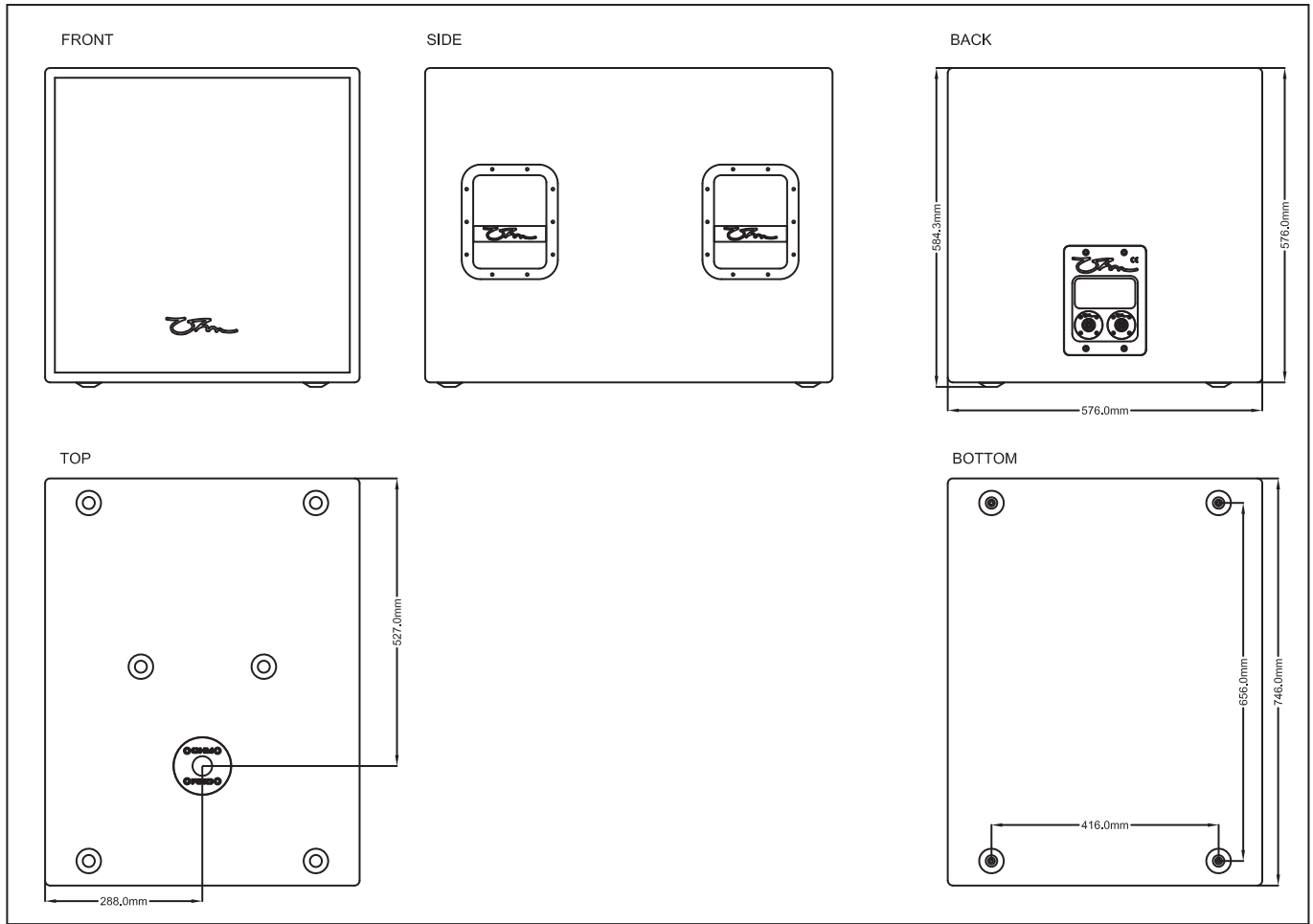
Phase Response



Impulse Response



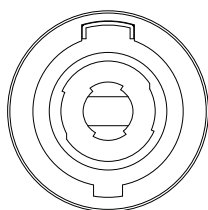
Cabinet Dimensions



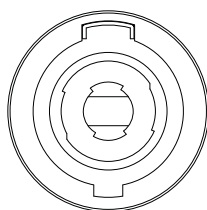
Wiring Information

2 x 4 pole Neutrik Speakon connectors

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



INPUT



LINK