

Features

Subwoofer

- *Dual 18" Subwoofer*
- *Maximum SPL of 140 dB with low frequency extension to 26 Hz*
- *Special baffle design and driver placement to maximise LF punch*
- *Factory fitted external mountings to allow for ease of stacking, mobility and pole mounting top speakers*

Applications

- *Nightclub*
- *House PA for live performance*
- *Theatre*
- *Medium and large outdoor events*



PUKK-218 is a high powered subwoofer with a specially designed baffle and low frequency driver placement to maximise the LF performance. Containing two advanced 18" drivers in a push pull configuration mounted in a manifold slot to optimise the driver output and reduce distortion. Large port minimises the breathing noises and gives maximum output on the tuning frequency with minimal compression.

The enclosure includes ten well placed ergonomic bar handles, with four castors which can be factory or retro fitted, on the back 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 components are 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 2+, 2- and linked through to allow multiple daisy chaining.

TECHNICAL SPECIFICATION

Design	Subwoofer, Reflex Tuning.
Impedance	4 Ohm
Power handling AES	3000 Watts
Maximum power handling	6000 Watts Program
Sensitivity 2.83V / 1m	102 dB SPL nominal (26 Hz - 115 Hz)
Max SPL	134 dB (cont. max SPL / 1m), 140 dB peak
Frequency response -3dB	26 Hz - 115 Hz
Crossover frequency	Recommended LPF 90 Hz Butterworth 24 dB per Octave
Recommended HPF	20 Hz Butterworth 18 dB per Octave
Dispersion	Omnidirectional

SYSTEM OPERATION

Recommended Amplification	2500 - 5000 Watts @ 4 Ohm
System Controller	OHM DSP Solutions
Speaker Cables	Min 2 x 4 mm ² ,preferred 4 x 4 mm ²

PRODUCT FEATURES

Components	2 x 18" Long Excursion Drivers with Carbon fibre Cone.
Crossover	N/A
Connectors	2 x 4 pole Speakon Connectors
Additional Descriptive Data	18 mm birch plywood construction, with durable scratch resistant black textured paint finish, 10 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)	850 mm x 700 mm x 900 mm
Weight (Kgs)	98
Colour	Black
Options	Available in white or Ral colours on request.
Hardware	Rubber Feet, BR-CP Castor Pack

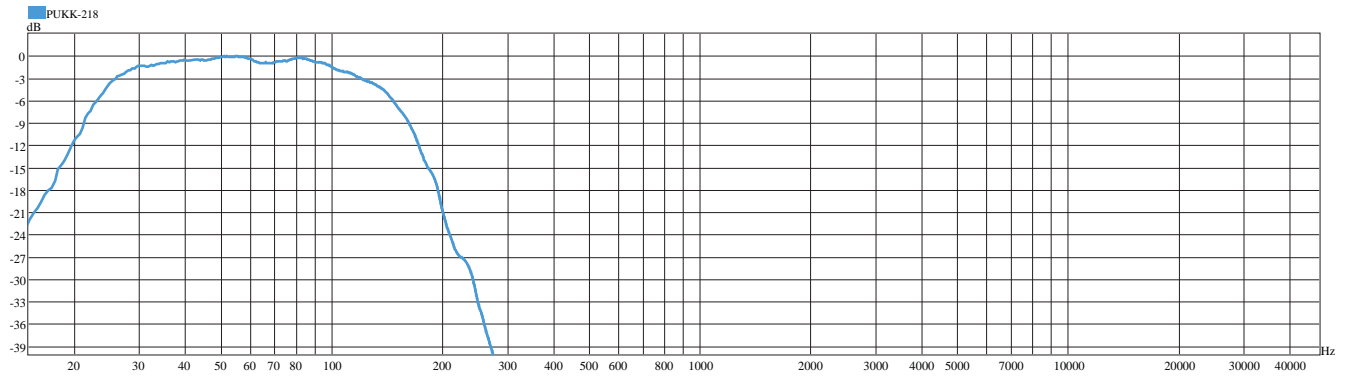
CONFIGURATION

	Transducer	Loading
	LF 2 x 18" Bass Drivers	Manifold / reflex
Operating Mode	Amplifier Channels	External Signal Processing
	Mono Amp 1 LF	OHM DSP Solutions

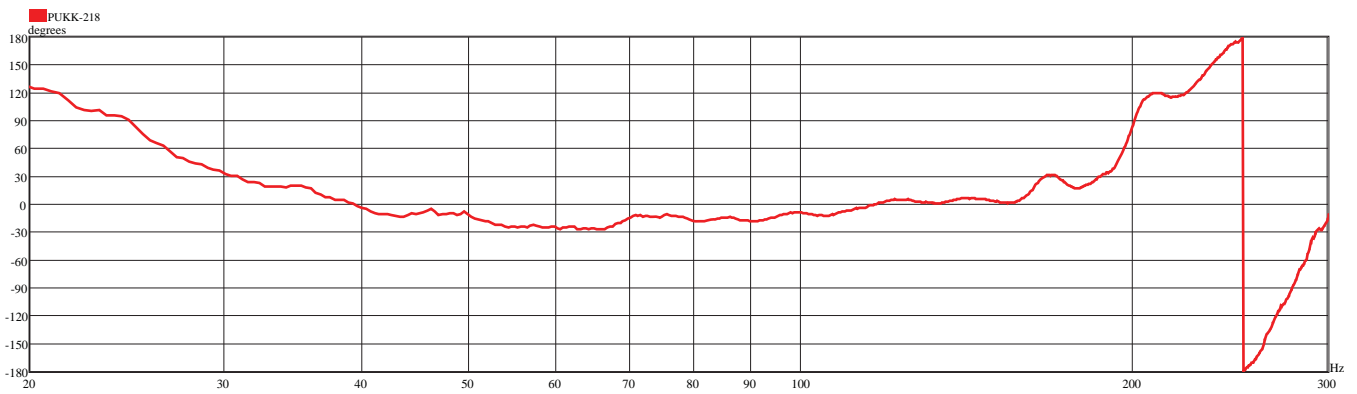
PERFORMANCE

Operating Range (-6dB)	24 Hz to 160 Hz	
Nominal Beamwidth	Horz Single Unit Omnidirectional	Multiples Dependant on Array Design
	Vert Single Unit Omnidirectional	Multiples Dependant on Array Design
Axial Sensitivity	LF 102 dB	26 Hz - 115 Hz
Input Impedance	Nominal	Minimum
	LF 4 Ω	3.4 Ω @ 25 Hz

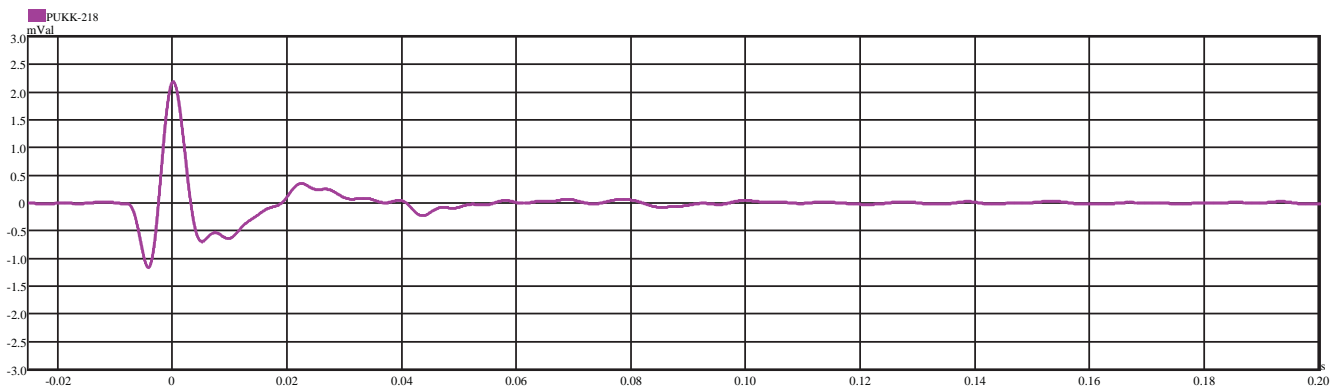
Frequency Response



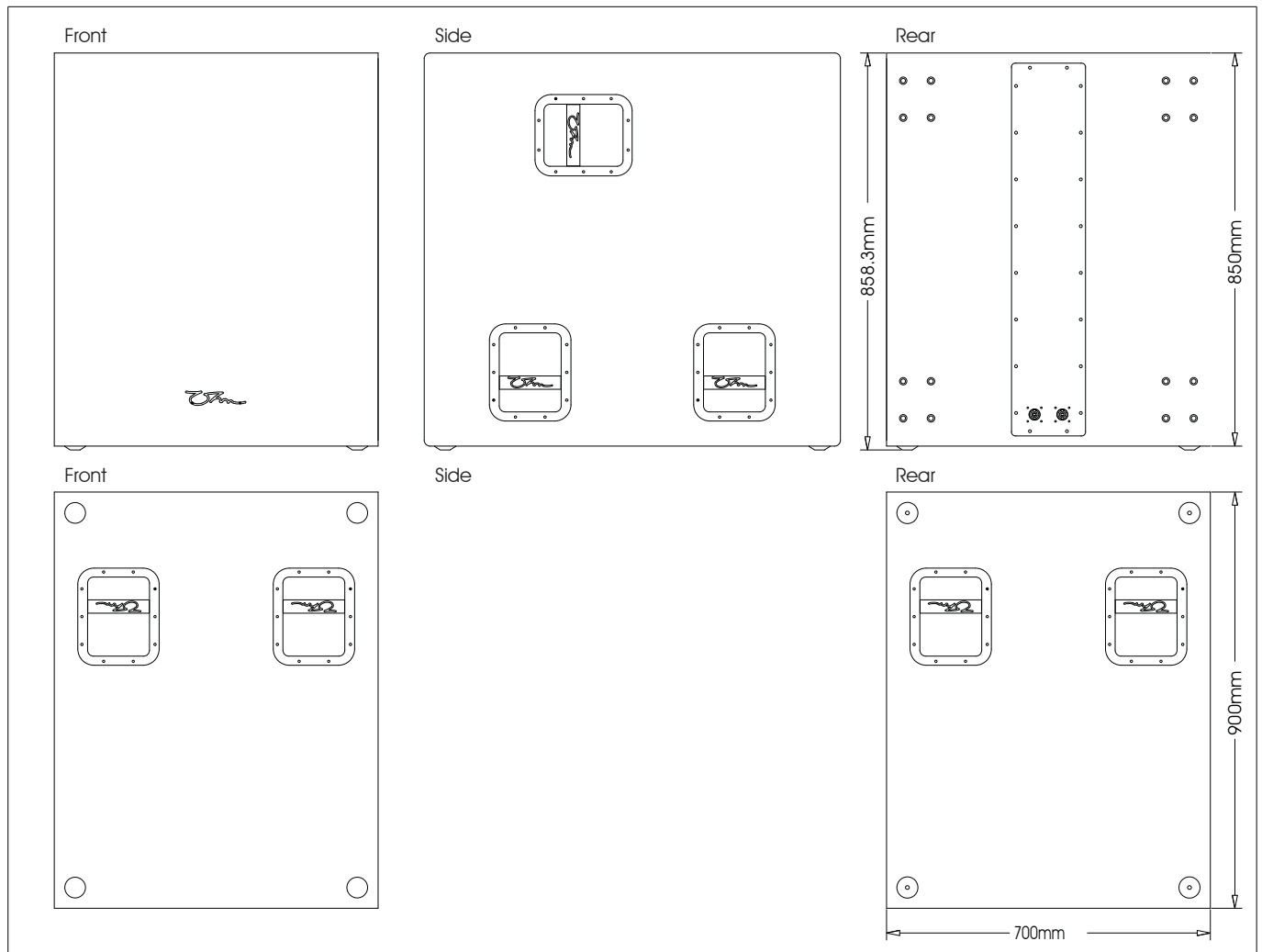
Phase Response



Impulse Response

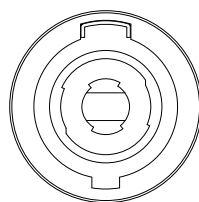


Cabinet Dimensions

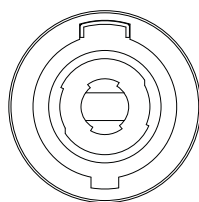


Wiring Information

2 x 4 pole Neutrik Speakon connectors



INPUT



LINK

- 1+ Not Used
- 1- Not Used
- 2+ Low +
- 2- Low -