

The **M4.18** is a very high power, high SPL quad subwoofer system.

Using a hybrid horn loading technology, we have achieved significant increase in the SPL capabilities of the system with no sacrifice to the low end extension, and managed to create a system that can easily replace and outperform a stack of 4 conventional 2x18 inch reflex loaded boxes while using half the required amplifier power. This will gain significant investment savings for the customers.

The system is loaded with 4 heavy duty 18 inch 3600W AES power handling low frequency transducers with 135 mm (5.3 in) split winding four layers ISV aluminum voice coil, weather protected carbon fiber reinforced cellulose cone and aluminium demodulating ring for reduced distortion. The advanced technology implemented in this driver is making it a very unique and one its kind, placing it directly to the very top in today's transducer industry.

M4.18 quad subwoofer system has a combined sensitivity of 112db 1w/1m boasting incredible 153db of peak SPL.

Having all this in place it makes the system very capable of covering the most demanding subwoofer application.

Designed as a companion subwoofer for our **M28LA** line array box, it is equipped with an interlock mechanism making the ground stacking very fast and secure.

PRODUCT DATA:

Usable bandwidth (-3db):	35Hz-200Hz (M4.18 DSP settings)
Nominal directivity (-6db):	Omnidirectional
Maximum system SPL:	153db (M4.18 DSP settings) calculated for 4 boxes based on 106db 1W/1m sensitivity per element.
RMS handling capacity:	3600W per element or 14400W per quad stack
Components:	18 inch driver with 135 mm (5.3 in) split winding four layers ISV aluminum voice coil
Nominal impedance:	Passive 4 or 8ohm
Rigging:	Polyester powder coated steel. (for M28LA ground stack application only)
Physical:	WxHxD 700x580x900mm, Weight: 62kg
Material:	Baltic birch plywood. Connectors: 2x Neutrik NI4 Speakon
Finish:	Black textured water based coating

Notes:

MM-acoustics reserves the right to change specifications without prior notice.

Trade Descriptions Act:

Due to MM-acoustics policy of continuing improvement, we reserve the right to alter these specifications without prior notice. MM-acoustics is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every MM-acoustics product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.