

M218T



KEY FEATURES

- 18" woofer with 4" voice coil
- Bass reflex cabinet
- Highly durable UV stable SafeCoat coating
- Speakon® NL8 with link option
- Integrated flying system
- Skid-lock system for safe stacking

DESCRIPTION

As a dual 18" frontloaded subwoofer, the M218T is designed specifically to support the M14T or M30T. To achieve excellent sub bass reproduction while maintaining clarity and impulse performance. The M218T has been designed as a bass reflex cabinet. The woofers feature a 4" interleaved sandwich voice coil with windings on the outside as well as the inside of the voice coil former. The result is a balanced coil with uniform distribution of mass and motive energy that provides an extremely linear motor assembly. In addition, the motor features the use of double demodulating rings which nearly eliminate intermodulation and harmonic distortion while improving impulse and transient response. In order to achieve maximum strength and reliability, the diaphragm is reinforced with carbon fibre. The design of the basket and the double spider offer excellent heat dissipation and thereby very low power compression.

SPECIFICATIONS

Power rating AES:	2000W
Power rating peak:	8000W
Sensitivity 1w/1m:	102 dB
Max SPL, calc. long term:	135 dB
Max SPL, peak:	141 dB
Frequency range +/-3dB:	42 Hz-250 Hz
Nominal impedance:	4ohm
Recommended amplifier:	2850 watt in 4ohm
Woofer:	18" with 4" voice coil
Recom. crossover freq.:	<250 Hz

Weight & Measurements:

Dimensions (HxWxD):	1050x590x725mm (41x23x28.5 inches)
Net weight:	76 kg (167 lbs)
Finish:	Black Safecoat coating
Rigging hardware:	Double stud & ring part no. 93944004

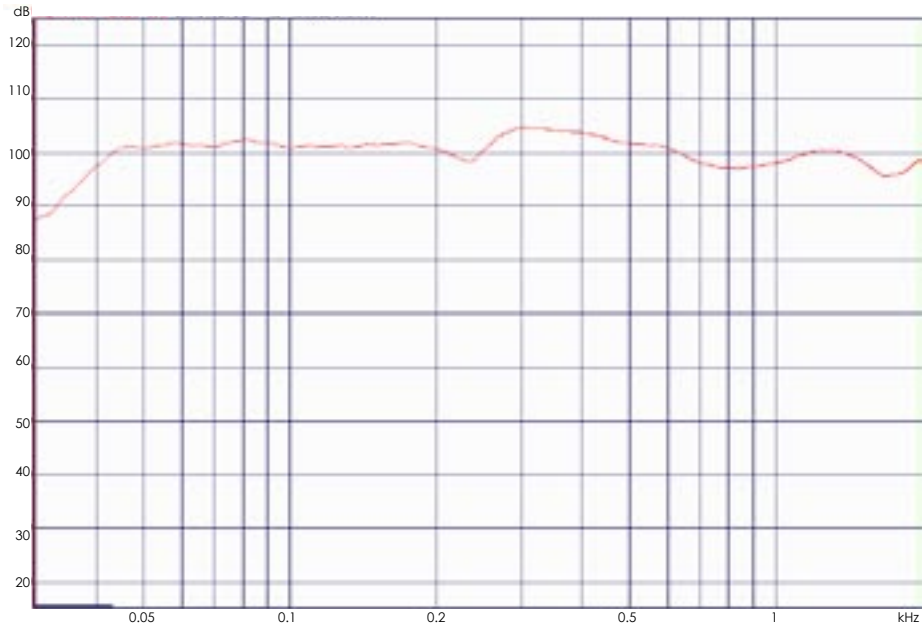
ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a reflex-loaded subwoofer system with an AES power handling of 2000 watt and a frequency response from 42-250Hz. The loudspeaker system shall have a sensitivity of 102 dB and a maximum output of 141 dB. The loudspeaker system shall have one 18" woofer with a 4" voice coil. The woofer shall have an 4ohm load. The enclosure shall be constructed of 18mm Finnish Plywood, protected with the SafeCoat surface, equipped with a three point flying system and have dual recessed Speakon® NL8 connectors. It shall be 1050mm (41in) high, 590mm (23in) wide and 725mm (28.5in) deep with a weight of 76kg(167 lbs). The loudspeaker system shall be the Mach 218T.

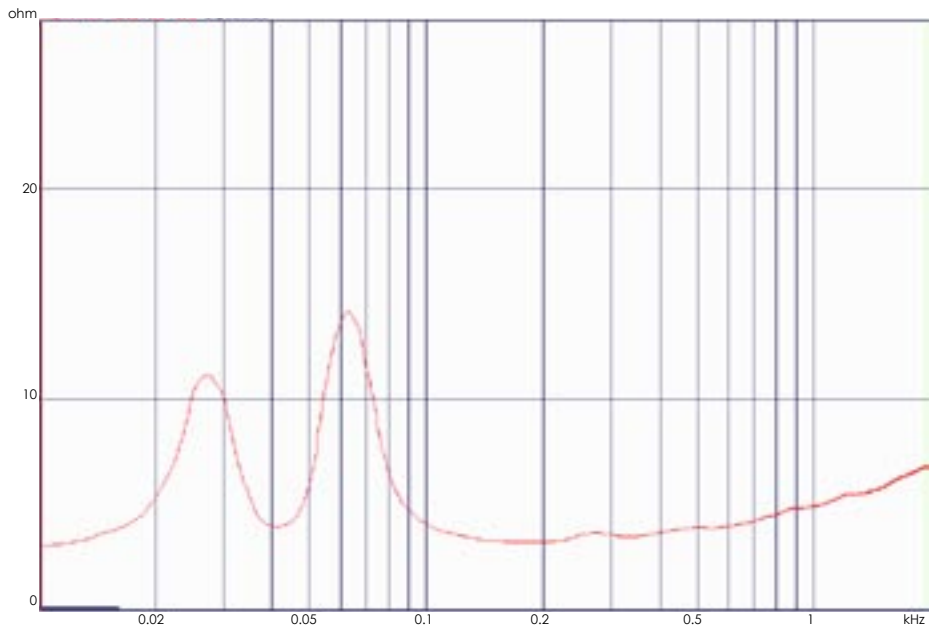
NOTE: Mach is continually working on research and production improvements, which can be introduced into existing products without notice. The products will always equal or exceed the original design specifications unless otherwise stated.

M218T

Frequency Response



Impedance Response



Size and Shape

