

MIA-BR16

LOUDSPEAKERS

Commercial Loudspeakers



PRODUCT OVERVIEW

MIA-BR16 is a compact passive bass reinforcement unit designed as the ideal low-frequency extension for MIA systems, adding depth and warmth while preserving a clean and discreet installation. The ported 6-inch woofer delivers solid, controlled bass output down to 61Hz.

Compatible with both low-impedance and 70 V / 100 V line systems and handling up to 4x MIA-40 speakers, the MIA-BR16 adapts to your installation needs, whether it be commercial, corporate, or hospitality.

The IP44 rating, allows for flexible installation in both indoor and protected outdoor environments. The MIA-BR16 supports three installation options: horizontal placement using discreet feet for positioning under furniture, wall mounting, or vertical installation using dedicated brackets. The device will seamlessly integrate into any space while maintaining a refined and unobtrusive appearance.

APPLICATIONS

- Retail
- Education
- Corporate

TECHNICAL SPECIFICATIONS

MIA-BR16	
SYSTEM	
Effective frequency range ¹	61Hz-1.3kHz (-10dB)
Coverage angle	360°
Continuous Power handling ³	80 W
Program Power Handling ⁴	160 W
Peak Power Handling ⁵	320 W
On-axis Sensitivity ⁶	91 dB
Maximum SPL ⁷	105dB continuous / 111dB peak
Power options	100V: 10 / 20 / 40 / 80 W 70V: 5 / 10 / 20 / 40 W
Recommended amplifier power	8 Ω: 80W 160W RMS
TRANSDUCERS	
Configuration	Bass reinforcement
Driver	Water resistant Treated Paper Cone
Low frequency driver	1x 6" woofer
Nominal impedance	8Ω / 100V
PHYSICAL	
Connection type	Euroblock type
Installation options	Surface, Wall mounting
Environmental	IP44
Enclosure material	MDF
Grill material	Painted Aluminium
Grill fixing system	Press-fit mounting system
Mounting system	Wall support system & Support-legs
Operating temperature	Min: -20°C / -4°F Max: 65°C / 149°F
Operating humidity	<90% HR
Storage temperature	Min: -20°C / -4°F Max: 65°C / 149°F
Storage humidity	<90% HR
Included accessories	4x Rubber feet, 2x Supports for vertical mounting, 1x Wall support (large), 1x Wall support (small), 4x Wall plugs, 4x Wall screws, 9x Support screws, 1x Wall Drilling template
Optional accessories	No
Finished colour	Black (RAL9005)
Dimensions (WxHxD)	350 x 290 x 150 mm / 13.78 x 11.42 x 5.91 in.
Weight	8.4 kg / 18.52 lb
Pieces per box	1
Shipping dimensions (WxHxD)	430 x 370 x 250 mm / 16.93 x 14.57 x 9.84 in.
Shipping weight	10.1 kg / 22.27 lb

⁽¹⁾ Measured frequency range within -10dB of the 1kHz octave band level, according to IEC 60268-5.

⁽²⁾ Beamwidth defined at -6 dB relative to the on-axis sound pressure level, averaged within the 1kHz to 8kHz range.

⁽³⁾ RMS input power applied via IEC shaped band-limited pink noise for 2 hours, per AES2 power handling standard.

⁽⁴⁾ Conventionally 3 dB higher than the RMS measure, intended to represent real music signals.

⁽⁵⁾ Corresponds to the signal crests for the test described in (3).

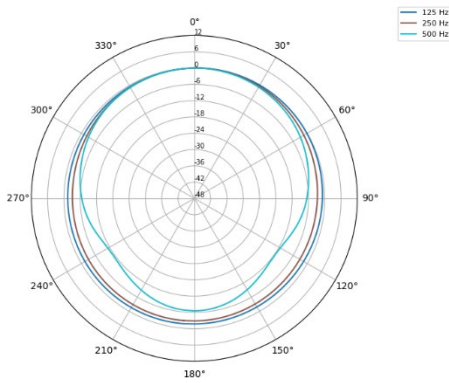
⁽⁶⁾ Sound pressure level at 1m with 1W input at nominal impedance under half-space radiation conditions.

⁽⁷⁾ Sound pressure level at 1m with 1W input at nominal impedance under full-space radiation conditions.

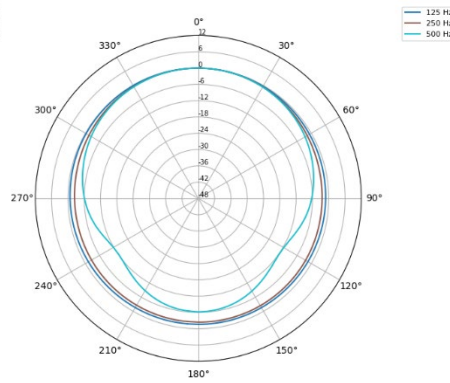
⁽⁷⁾ Calculated.

TECHNICAL SPECIFICATIONS

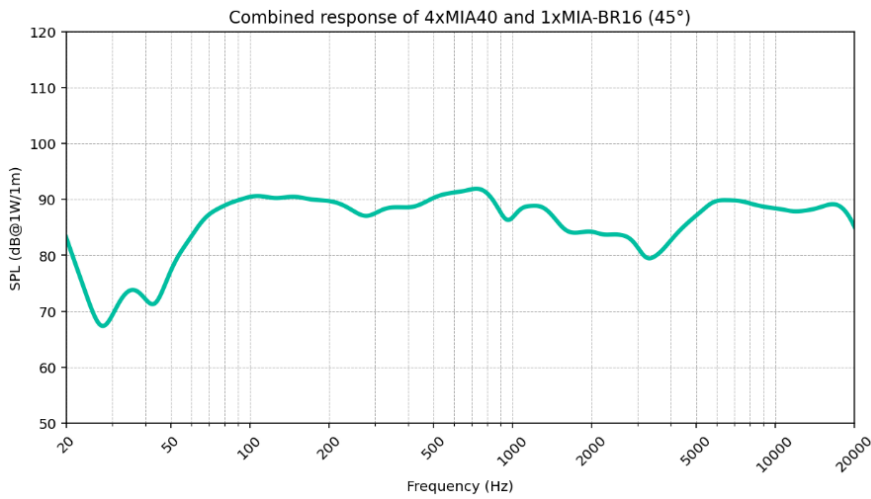
Horizontal



Vertical



FREQUENCY RESPONSE ON-AXIS



MECHANICAL DIAGRAM

