

# MIA-SYSTEM

## LOUDSPEAKERS

*Commercial Loudspeakers*



### PRODUCT OVERVIEW

**MIA SYSTEM** is an ultra-discreet full-range sound solution designed to deliver high-quality audio while remaining virtually invisible within its environment.

The system combines MIA-40 ultra-compact satellite loudspeakers with a dedicated MIA-BR16 bass reinforcement unit. It is available in configurations of 2 x MIA-40 + MIA-BR16 or the full 4 x MIA-40 + MIA-BR16 mono system. It provides clear speech intelligibility, natural music reproduction and extended low-frequency performance, making it ideal for architecturally sensitive spaces.

Designed for commercial, hospitality, museum and corporate applications, MIA SYSTEM seamlessly integrates into any environment while preserving the aesthetics of the installation. The combination of discreet form factors, premium materials and carefully engineered acoustic performance ensures a refined and unobtrusive listening experience.

The satellite loudspeakers feature multiple micro-drivers arranged in a column configuration, providing wide horizontal coverage and controlled vertical directivity for consistent sound distribution in mono with a great sensation of spaciousness. The dedicated bass reinforcement unit extends the system response down to 61 Hz, adding depth and warmth while maintaining a balanced tonal character.

Compatible with both low-impedance and 70/100 V installations, MIA SYSTEM offers exceptional flexibility for a wide range of projects. With multiple mounting options, the system is suitable for indoor environments as well as covered outdoor installations where the components are protected from direct exposure to rain and water.

Available in black and white finishes for MIA-40 (MIA-BR16 is only black), MIA SYSTEM delivers a complete, elegant and easy-to-install audio solution for spaces where performance and design are equally important.

### APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate

## TECHNICAL SPECIFICATIONS

SYSTEM (MIA-BR16 + 2x MIA-40)	
Effective frequency range <sup>1</sup>	51Hz-22KHz (-10dB)
Coverage angle <sup>2</sup>	166°H x 135°V
On-axis Sensitivity <sup>6</sup>	86 dB
Maximum SPL <sup>7</sup>	99 dB continuous / 105 dB peak
SYSTEM (MIA-BR16 + 4x MIA-40)	
Effective frequency range <sup>1</sup>	55Hz-22KHz (-10dB)
Coverage angle <sup>2</sup>	166°H x 135°V
On-axis Sensitivity <sup>6</sup>	88 dB
Maximum SPL <sup>7</sup>	101 dB continuous / 107 dB peak
MIA-40	
Continuous Power handling <sup>3</sup>	20W
Program Power Handling <sup>4</sup>	40W
Peak Power Handling <sup>5</sup>	80W
MIA-BR16	
Continuous Power handling <sup>3</sup>	80 W
Program Power Handling <sup>4</sup>	160 W
Peak Power Handling <sup>5</sup>	320 W
Power options	100V: 10 / 20 / 40 /80 W 70V: 5 / 10 / 20 / 40 W 8 W: 80W
Recommended amplifier power	160W RMS
TRANSDUCERS MIA-40	
Configuration	1-way
Driver	4 x 0,5" Loudspeaker
Nominal impedance	16Ω / 100V
TRANSDUCERS MIA-BR16	
Configuration	Bass reinforcement
Driver	Water resistant Treated Paper Cone
Low frequency driver	1x 6" woofer
Nominal impedance	8Ω / 100V / 70V (selectable)
PHYSICAL MIA-40	
Connection type	Mini PCB terminal block
Installation options	Wall mounting
Environmental	IP44
Enclosure material	Aluminium
Grill material	Aluminium
Grill fixing system	Front Insertion mount system
Mounting system	with 2 screw in the wall
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	1x Bubble level, 2x MIA-40 wires (5m.), 4x Wall plug, 4x Wall screws, 1x Mini Screwdriver, 1x Wall Drilling template.
Optional accessories	No

Finished colour	White (RAL9003) or Black (RAL9005)
Dimensions (WxHxD)	24.6 x 113 x 14.5 mm / 0.97 x 4.45 x 0.57 in.
Weight	0.072 kg / 0.16 lb
Pieces per box	2
Shipping dimensions (WxHxD)	174 x 40 x 163 mm / 6.85 x 1.57 x 6.42 in.
Shipping weight	0.239 kg / 0.53 lb

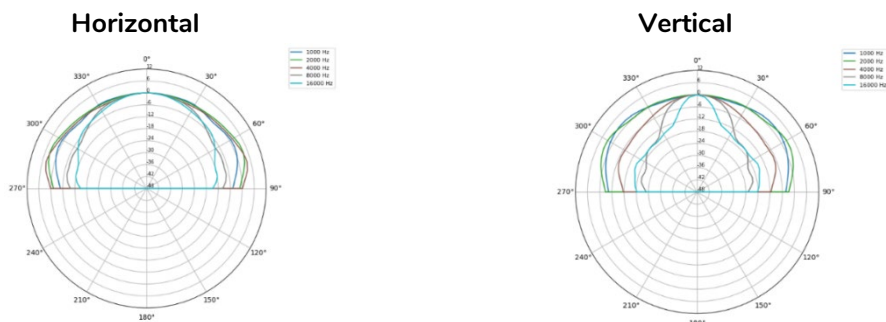
## PHYSICAL MIA-BR16

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

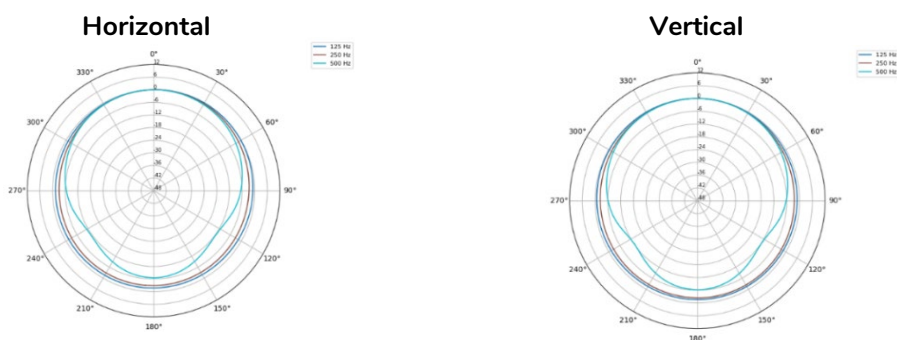
- <sup>(1)</sup> Measured frequency range within -10dB of the 1kHz octave band level, according to IEC 60268-5.
- <sup>(2)</sup> Beamwidth defined at -6 dB relative to the on-axis sound pressure level, averaged within the 1kHz to 8kHz range.
- <sup>(3)</sup> RMS input power applied via IEC shaped band-limited pink noise for 2 hours, per AES2 power handling standard.
- <sup>(4)</sup> Conventionally 3 dB higher than the RMS measure, intended to represent real music signals.
- <sup>(5)</sup> Corresponds to the signal crests for the test described in (3).
- <sup>(6)</sup> Sound pressure level at 1m with 1W input at nominal impedance under half-space radiation conditions.
- <sup>(6')</sup> Sound pressure level at 1m with 1W input at nominal impedance under full-space radiation conditions.
- <sup>(7)</sup> Calculated.

## POLAR DIAGRAMS

- MIA-40 Polars

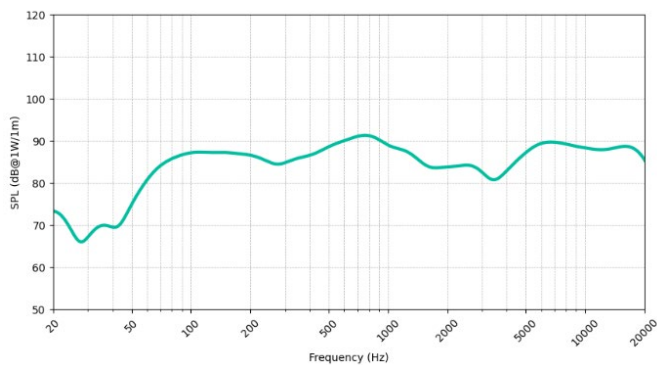


- MIA-BR16 Polars

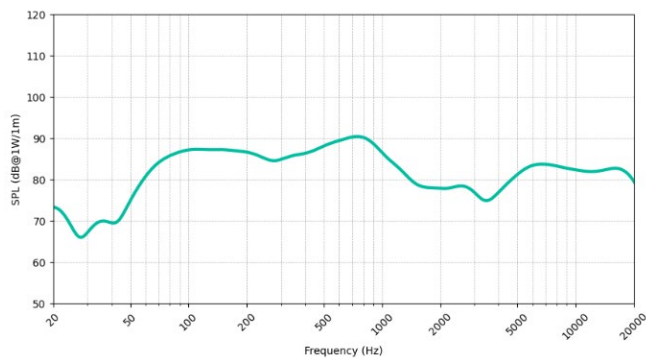


## FREQUENCY RESPONSE ON-AXIS

Combined response of 4x MIA40 and BR16 (45deg)\*, 1/3rd octave smoothing



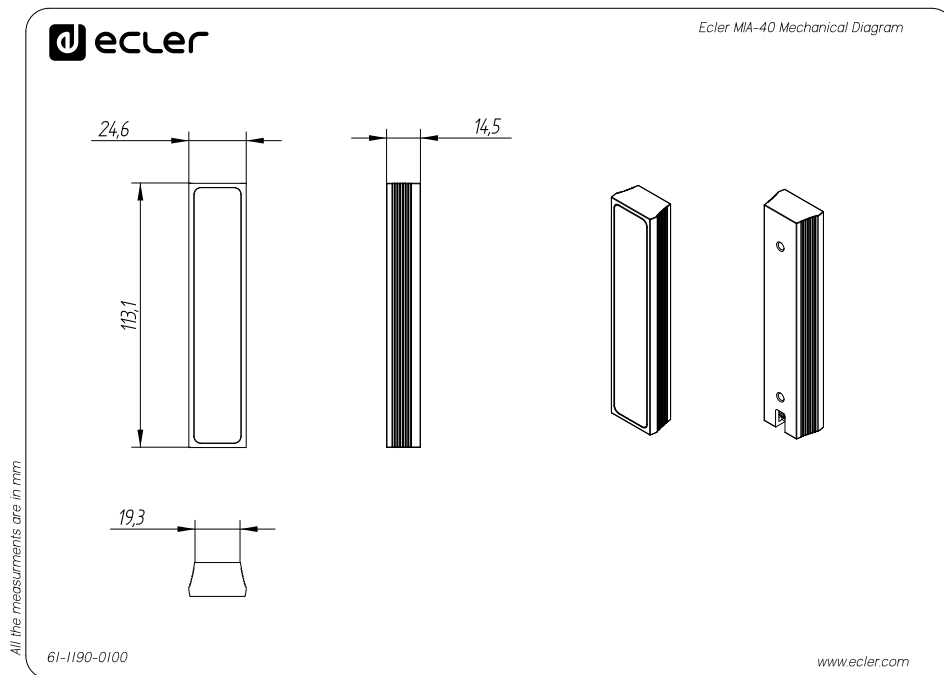
Combined response of 2x MIA40 and BR16 (45deg)\*, 1/3rd octave smoothing



**\*Note:** Frequency response measured at 45° with respect to the acoustic axis of the loudspeaker.

MECHANICAL DIAGRAM

- MIA-40



- MIA-BR16

