

MOBIUS5iB

FRONT-MOUNTING HIGH PERFORMANCE PLASTER-OVER
LOUDSPEAKER WITH INTEGRATED BACKBOX

DATASHEET Rev. 1.4 | 8-10-2025

E&OE | SUBJECT TO CHANGE WITHOUT PRIOR NOTICE



AMINA

IMMERSIVE INVISIBLE SOUND

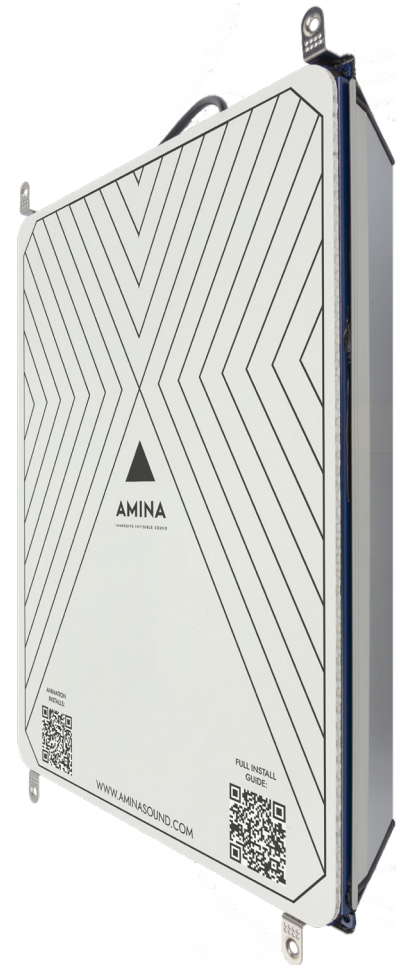
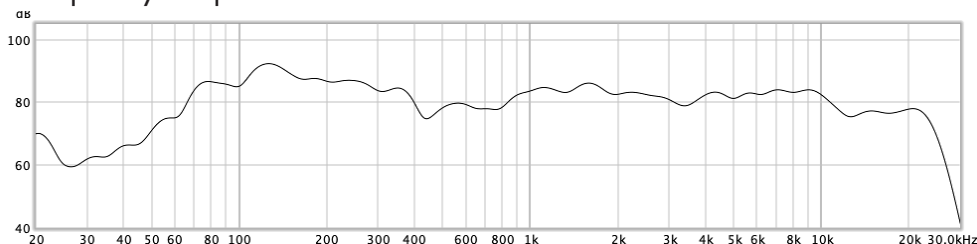
Product Description

The Mobius 5iB delivers the signature clarity and openness of Amina's Mobius range in a versatile, installation-friendly format. Drawing on over two decades of continuous research and development, it incorporates proprietary transducers together with Amina's patented Optidrive®, Opti-damping® and Reduced Resonance Exciter® technologies to achieve smooth, detailed performance well into the ultrasonic region. The integrated backbox and front-mounting design reference the front face of the substrate, ensuring precise alignment and eliminating the need for shimming in most applications. With impressive sensitivity and extended frequency response, the Mobius 5iB provides a natural, engaging sound that integrates seamlessly into its environment — bringing the benefits of invisible audio to both residential and commercial spaces with even greater installation simplicity.

Example Applications

Residential audio solutions, mid power multi-channel surround sound & commercial installations. In cavity wall / ceiling with 2mm plaster skim. Can be supplied with high-impedance 100/70V transformer.

Frequency Response



Specifications (Measured at 20 °C with 2mm plaster skim)

Mobius5iB

Nominal impedance	4 Ohms
Power handling (100 hour continuous/peak)	50W/100W
Sensitivity (@ 1m/2.83Vrms)	82dB SPL
Frequency response (-6dB)	71Hz - 22.8kHz
Useable frequency range (+/- 10dB)	68Hz - 23kHz
Dispersion angle	180° x 180° at specified frequency range
Electrical connection	Wago lever-lock connectors (12-24 AWG)
Dimensions (not including mounting tabs)	452mm x 348mm x 77mm (17 13/16" x 13 11/16" x 3 1/16")
Product weight	2.8Kg (6lbs 3oz)
Fixing requirements	All fixings provided
In-line protection unit	Guardian 2/8/16
Manufacturer limited residential warranty	10 years

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