

MOBIUS7iB

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

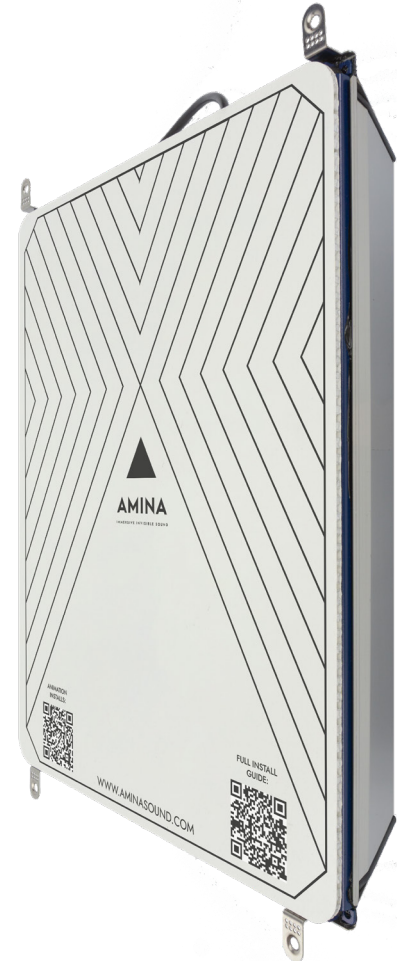
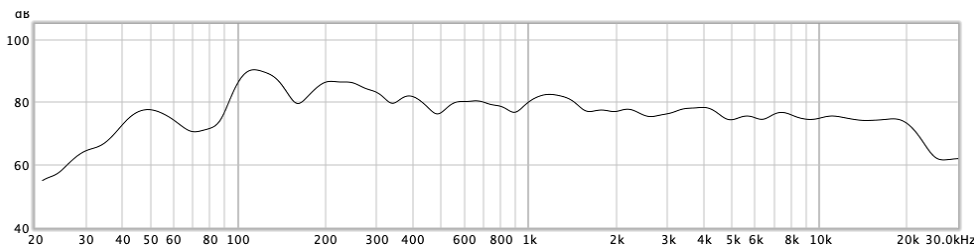
Product Description

The Mobius 7iB represents the pinnacle of Amina's Mobius range of integrated backbox invisible loudspeakers. Engineered from over two decades of dedicated research and development, it combines cutting-edge materials and patented innovations to deliver exceptional performance from a fully concealed form factor. Proprietary transducers, working in harmony with Amina's Optidrive®, Opti-damping® and Reduced Resonance Exciter® technologies, enable the speaker to perform into the ultrasonic region, ensuring exceptional clarity, openness, and natural presence. With its integrated backbox and front-mounting design referencing the front face of the substrate, installation is faster and more predictable — achieving ideal alignment without the need for shimming. The Mobius 7iB offers outstanding sensitivity, extended low-frequency capability, and a linear, dynamic response across the entire frequency spectrum, setting the benchmark for immersive invisible audio.

Example Applications

Residential audio solutions, high power multi-channel surround sound & high-end 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)

Mobius7iB

Nominal impedance	4 Ohms
Power handling (100 hour continuous/peak)	75W/150W
Sensitivity (@1m/2.83Vrms)	82dBSPL 1m/2.83Vrms
Frequency response (-6dB)	45Hz - 21kHz (-6dB)
Usable frequency range (+/-10dB)	42Hz - 22kHz (+/- 10dB)
Dispersion angle	180° x 180° at specified frequency range
Electrical connection	Wago lever-lock connectors (12-24 AWG)
Dimensions	452mm x 348mm x 77mm (17 13/16" x 13 11/16" x 3 1/16")
Product weight	2.9Kg (6lbs 6oz)
Fixing requirements	All fixings provided
On-line protection unit	Guardian 2/8/16
Manufacturer limited residential warranty	10 years

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