

# MOBIUS5iB

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

DATASHEET Rev. 1.3 | 20-10-2023 | E&OE



**AMINA**

IMMERSIVE INVISIBLE SOUND

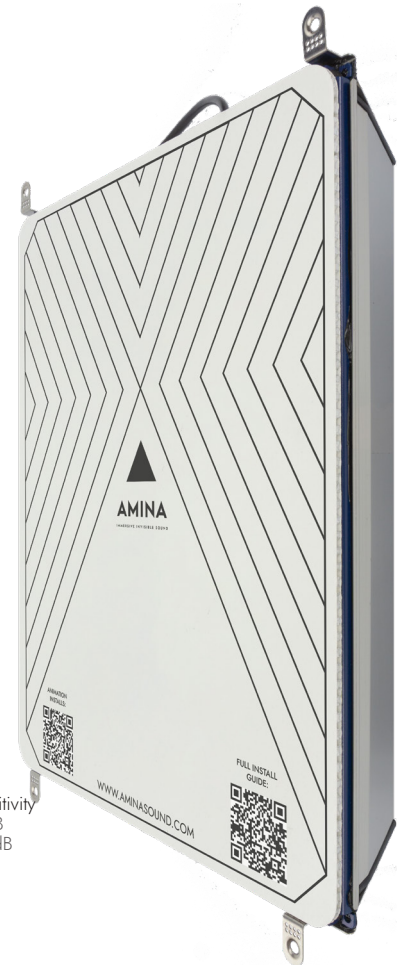
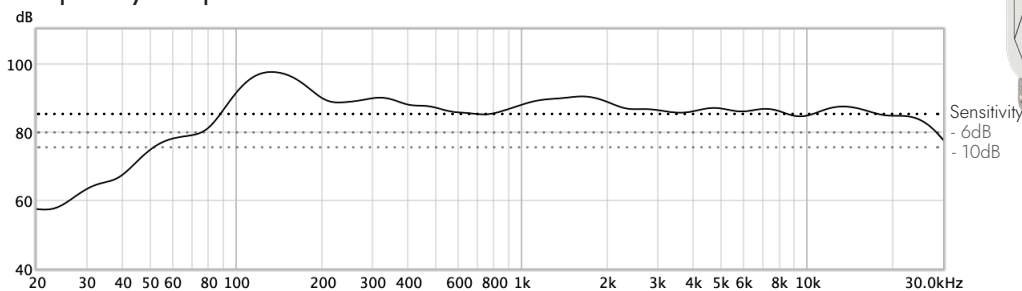
## Product Description

Building upon 20 years of R&D at the cutting edge of invisible speaker technology, the 'iB' update to the Mobius5i not only provides significant acoustic upgrades, but introduces an entirely new installation technology for plaster finishes. Development of brand new proprietary high frequency transducers in combination with Amina's Optidrive®, Opti-damping® and Reduced Resonance Exciter® technology results in greater low frequency extension, higher sensitivity and smooth high frequency response well in to the ultrasonic region. The Mobius5iB features an all-new integrated backbox that is acoustically tuned and provides protection to the speaker from any potential contaminants ensuring a trouble free installation and long life. The streamlined installation process automatically aligns the speaker to the correct depth, ultimately resulting in a faster, easier installation.

## 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

## Mobius5iB

Nominal impedance	4 Ohms
Power handling (100 hour continuous/peak)	50W/75W
Sensitivity (@ 1m/2.83Vrms)	86dB SPL (2mm plaster skim applied)
Frequency response (-6dB)	70Hz - 27kHz
Useable frequency range (+/- 10dB)	55Hz - 29kHz
Dispersion angle	180° x 180° at specified frequency range
Electrical connection	Selection of terminals (14-16 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	APUi50C_2, APU-RS8iC, APU-RS16iC or The Guardian Active Protection
Manufacturer limited residential warranty	10 years

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