

# MOBIUS7iB

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

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



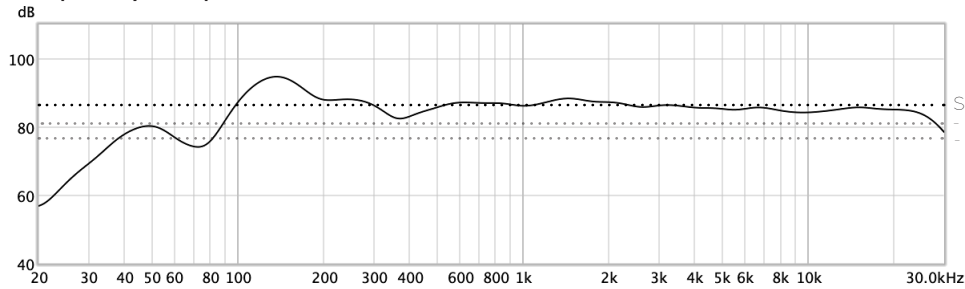
## Product Description

Building upon 20 years of R&D at the cutting edge of invisible speaker technology, the 'iB' update to the Mobius7i not only provides significant acoustic upgrades, but introduces an entirely new installation technology for plaster finishes. Development of a brand new proprietary high frequency transducer in combination with Amina's Optidrive®, Opti-damping® and Reduced Resonance Exciter® technology provides greater low frequency extension, higher sensitivity and smooth high frequency response well in to the ultrasonic region. The Mobius7iB features an all-new integrated backbox that is sealed, 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, 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

## Mobius7iB

|   |  |
|---|--|
| Nominal impedance                         | 4 Ohms   |
| Power handling (100 hour continuous/peak) | 75W/150W   |
| Sensitivity (@1m/2.83Vrms)                | 87dB SPL 1m/2.83Vrms (with 2mm plaster skim)                       |
| Frequency response (-6dB)                 | 65Hz - 27kHz (-6dB)  |
| Usable frequency range (+/-10dB)          | 40Hz - 29kHz (+/- 10dB)  |
| Dispersion angle                          | 180° x 180° at specified frequency range                           |
| Electrical connection                     | Selection of terminals (14-16 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                   | APUI70C_2, APU-RS8iC, APU-RS16iC or The Guardian Active Protection |
| Manufacturer limited residential warranty | 10 years   |

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