

EDGE7iBMT-EN54

HIGH PERFORMANCE HI-Z VOICE EVACUATION PLASTER-
UP-TO LOUDSPEAKER WITH INTEGRATED BACKBOX

DATASHEET DRAFT Rev. 1.1 | 20-10-2022 | E&OE



AMINA

IMMERSIVE INVISIBLE SOUND

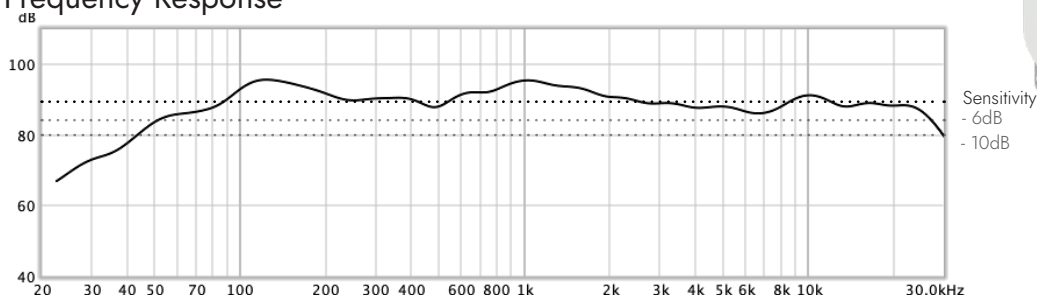
Product Description

The Edge7iBMT-EN54 has been developed and certified for use in high impedance fire evacuation systems. Based on the Edge7i loudspeaker and using the same patented technologies including Optidrive, Opti-damping and Reduced Resonance Exciter technology, the Edge7iBMT-EN54 features the same hi-fidelity, room-filling and dynamic sound that Amina is known for. The Edge7iBMT-EN54 is a sealed unit with a new acoustically tuned and fully integrated backbox design featuring a new front-mounting system that automatically aligns the loudspeaker to the perfect depth, making a one-person installation easier than ever before. Designed for installation into dryline walls and ceilings as well as a retro-fit into plaster finished surfaces.

Example Applications

Medium power, full range, high-impedance commercial and residential applications where an EN-54 (fire evacuation) rating is required. Designed for dual use - providing high-quality music and media playback as well as voice evacuation duties in a properly configured audio system - an unparalleled solution for projects looking to avoid the visual clutter of multiple loudspeaker systems.

Frequency Response



Specifications

Edge7iBMT-EN54

Transformer taps (100V)	10W / 20W / 40W
Transformer taps (70V)	5W / 10W / 20W
Sensitivity (1m/2.83Vrms)	90dB SPL
Frequency response (-6dB)	50Hz - 27kHz
Useable frequency range (+/-10dB)	45Hz - 28kHz
Dispersion angle	180° x 180° at specified frequency range
Electrical connection	WAGO lever lock (12 AWG)
Dimensions (not including mounting tabs)	452mm x 348mm x 77mm (17 13/16" x 13 11/16" x 3 1/16")
Product weight	1.8kg (3lb 16oz)
Fixing requirements	All fixings provided
Manufacturer limited warranty	10 years

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