

LFi4eMT

High Impedance Commercial Loudspeaker

DATASHEET V2.0

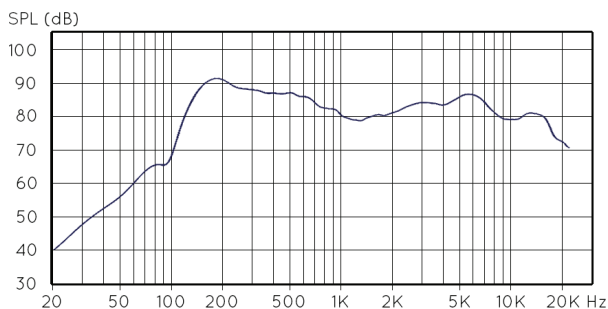
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Product Description

The LFi4eMT commercial series invisible loudspeaker provides a low cost, high-fidelity solution for where high impedance 100V/70V line systems are being used. This allows Invisible Loudspeakers to be incorporated into commercial projects of all types.

Rendered invisible behind a 2mm skim of plaster, the LFi4eMT uses a high quality multi-tapped toroidally wound transformer, and the same OptiDrive technology found in the iQ, Evolution and Mobius series of speakers, giving a great sounding and flexible commercial loudspeaker solution,

With a choice of power-tapping's available, ranging from 5W to 20W, the LFi4eMT allows for on-site power selection. A fixed-value 40W transformer is also available on request.



Specifications

Power handling 100V line system

Power handling 70V line system

Sensitivity (2mm plaster/mud skim)

Frequency response

Dispersion angle

Electrical connection

Dimensions

Product weight

Fixing requirements

Required protection

Manufacturer limited warranty for commercial applications

Example Applications

High-end commercial properties using high-impedance 100V/70V line systems.

Multi-tapped transformer may also be fitted to any other Amina Invisible Loudspeaker, allowing for even higher sound quality.

Compatible Accessories

BackboxCV300, BackboxSW300, Firehood300, Mounting Blocks, Shim Kits, ALF40 and ALF80 Subwoofers (subwoofers to be run at low impedance).

LFi4eMT

5W, 10W, 15W, 20W

2.5W, 5W, 7.5W, 10W

85dB 1m/2.83Vrms

110Hz - 20kHz (± 6 db) mounted in Backbox-CV300

180° x 180° (H x V)

Blue butt-splice crimp terminals (14-16 AWG)
N.B. Refer to Installation guide for terminal taping values

400mm x 300mm x 40mm (15^{3/4}" x 11^{4/5}" x 1^{3/5}")

1.26Kg (2.78lbs)

BackboxCV300 / BackboxSW300 (Wood adhesive and mounting blocks available on request)

High pass filter @ 80Hz 24dB/Octave

5 years

Amina Technologies Limited

Cirrus House, Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, England

T: +44 (0) 1480 354390 | E: inspired@amina.co.uk | W: www.amina.co.uk

