

EVOLUTION SERIES AIW750E

High Performance
Invisible Loudspeaker
Product Data Sheet



- Completely invisible, high end, 2-way loudspeaker
- Easy to install into cavity walls, solid walls or ceilings
- Simply skim over with a finishing coat of plaster, wood or wood veneer
- Suitable for high-end powered audio systems
- Features new technologies providing superior bass extension and outstanding mid-range and treble resolution

The AIW750E Evolution Series loudspeaker takes invisible loudspeakers to a whole new territory with respect to sound quality. When the best sound quality is required the AIW750E will deliver bass, clarity and openness like no other invisible or discrete loudspeaker.

- **OptiDaming technology** delivers **increased low frequency extension and improved mid-range accuracy** by selectively tuning discrete vibrational modes that are generated in the loudspeaker's acoustical panel
- **OptiDrive technology** optimally distributes the audio signal to the speaker's exciters to **ensure exceptional high frequency clarity on and off-axis**
- **OptiModal technology** employs two separate acoustic panels, each operating over a different, fully optimised frequency range via a passive crossover. This provides **greater bandwidth, clarity and focus** compared to other models within the range

Specifications

AIW750E

Nominal impedance	4 Ohms (APU750 connected)
Power handling (continuous/ peak)	100W/ 200W
Sensitivity (2mm plaster/ mud skim)	87dB 1m/ 2.83Vrms (APU750 connected)
Frequency response	50Hz - 20kHz (-6db) mounted in Backbox CV345 and CV200 (APU750 connected)
Electrical connection	Blue butt splice crimp terminals (14-16 AWG), 4-core cable
Dimensions (LF Panel)	450mm x 345mm x 40mm
Dimensions (HF Panel)	(17 ^{3/4} " x 13 ^{5/8} " x 1 ^{5/8} ") 450mm x 200mm x 40mm (17 ^{3/4} " x 7 ^{7/8} " x 1 ^{5/8} ")
Product weight	HF: 1.17Kg (2.58lbs) LF: 1.29Kg (2.84lbs)
Fixing requirements	Amina Backbox CV345 and CV200 / Backbox SW345 and CV200 (Wood adhesive and fixing blocks available on request)
In-line protection unit	APU750
Manufacturer limited warranty for residential applications	10 years

International

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V 1.22 March 2014 © Amina Technologies Ltd


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