

AIW750iN

High Performance Invisible Loudspeaker

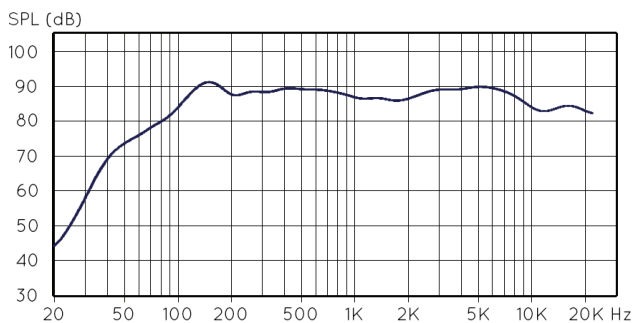
DATASHEET V2.2

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Product Description

The AIW750iN is the flagship loudspeaker within the Evolution series, offering the best high frequency detail and low frequency extension of any Amina Invisible Loudspeaker. Comprising of a 2-panel design, the AIW750iN is rendered invisible behind a 2mm skim of plaster or a number of other materials such as wood, veneers/laminates or leather. It is the perfect solution for aesthetically sensitive applications where a discreet subwoofer cannot be used.

This completely invisible, high fidelity loudspeaker uses OptiModal, OptiDamping and OptiDrive technologies to give greater bandwidth, clarity and focus.



Example Applications

High-fidelity dedicated listening or distributed audio systems as well as high power multi-channel surround-sound systems.

Compatible Accessories

Backbox CV345/200, Backbox SW345/200, Firehood345/200, Mounting Blocks, Shim Kits, APUi70, APU-RS8i, APU-RS16i and ALF120 subwoofer

Specifications

Nominal impedance	4 Ohms (APUi70 connected)
Power handling (100 hour continuous/peak)	100W/200W
Sensitivity (2mm plaster/mud skim)	87dB 1m/2.83Vrms (APUi70 connected)
Frequency response	50Hz - 20kHz (± 6 db) mounted in Backbox CV345/200 (APUi70 connected)
Dispersion angle	180° x 180° (H x V)
Electrical connection	Blue butt-splice crimp terminals (14-16 AWG) 2-core cable into LF input, 2-core link from LF to HF
Dimensions	LF: 450mm x 345mm x 40mm (17 ^{3/4} " x 13 ^{5/8} " x 1 ^{5/8} ") HF: 450mm x 200mm x 40mm (17 ^{3/4} " x 7 ^{7/8} " x 1 ^{5/8} ")
Product weight	LF: 1.46Kg (3.22lbs) HF: 1.36Kg (3.00lbs)
Fixing requirements	BackboxCV345 + CV200 / BackboxSW345 + SW200 (Wood adhesive and mounting blocks available)
In-line protection unit	APUi70, APU-RS8i or APU-RS16i
Manufacturer limited warranty for residential applications	10 years

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