

AIW450iN

Dual-channel Invisible Loudspeaker

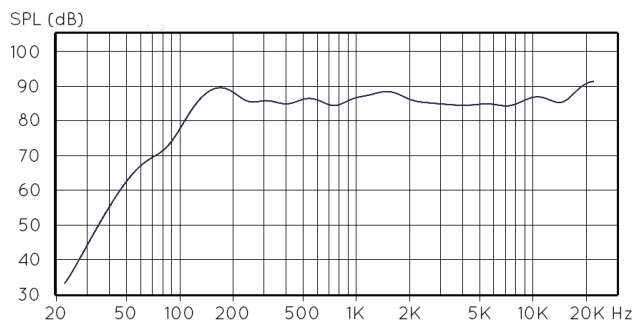
DATASHEET V2.2

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Product Description

The AIW450iN Evolution Series speaker is a single-panel stereo loudspeaker which uses the same OptiDrive and OptiDamping technology that is used in the AIW350iN, giving stereo reproduction where there is insufficient space for a pair of speakers or where stereo image is not required.

Rendered invisible behind a 2mm skim of plaster, or other material such as solid wood, veneer or leather, it is the perfect solution for aesthetically sensitive applications where stereo image is not critical but sound quality and dispersion are still required.



Example Applications

Residential distributed audio solutions, small spaces where there is insufficient room for a pair of speakers.

Compatible Accessories

Backbox CV345, Backbox SW345, Firehood345, Mounting Blocks, Shim Kits, APUi30 x 2, APU-RS8i, APU-RS16i, ALF40, ALF80, ALF120 Subwoofer

Specifications

Specifications	AIW450iN
Nominal impedance	2 x 8 Ohms (2 x APUi30 connected)
Power handling (100 hour continuous/peak)	2 x 30W/60W
Sensitivity (2mm plaster/mud skim)	87dB 1m/2.83Vrms (2 x APUi30 connected)
Frequency response	105Hz - 20kHz (± 6 db) mounted in Backbox CV345 (2 x APUi30 connected)
Dispersion angle	180° x 180° (H x V)
Electrical connection	2 x blue butt-splice crimp terminals (14-16 AWG)
Dimensions	450mm x 345mm x 40mm (17 ^{3/4} " x 13 ^{5/8} " x 1 ^{5/8} ")
Product weight	2.1Kg (4.63lbs)
Fixing requirements	BackboxCV345 / BackboxSW345 (Wood adhesive and mounting blocks available on request)
In-line protection unit	APUi30 x 2, APU-RS8i or APU-RS16i
Manufacturer limited warranty for residential applications	10 years

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