

AIW550iN

High Performance Invisible Loudspeaker

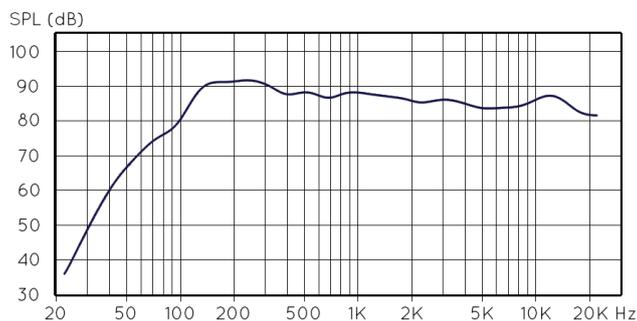
DATASHEET V2.2

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Product Description

The AIW550iN Evolution Series speaker takes invisible loudspeaker technology to a whole new territory with respect to sound quality. Easy to install, it is rendered invisible behind a 2mm skim of plaster or other materials such as solid wood, veneer or leather. It is the perfect solution for aesthetically sensitive applications.

This completely invisible, high fidelity loudspeaker is easy to install into cavity walls, solid walls, ceilings or behind a number of high quality natural or synthetic veneers. Within medium powered audio systems, Use of OptiDamping and OptiDrive technologies give a smooth frequency response, exceptional dispersion and enhanced clarity.



Specifications

Nominal impedance	4 Ohms (APUi50 connected)
Power handling (100 hour continuous/peak)	50W/100W
Sensitivity (2mm plaster/mud skim)	87dB 1m/2.83Vrms (APUi50 connected)
Frequency response	105Hz - 20kHz (± 6 db) mounted in Backbox CV345 (APUi50 connected)
Dispersion angle	180° x 180° (H x V)
Electrical connection	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	1.58Kg (3.5lbs)
Fixing requirements	BackboxCV345 / BackboxSW345 (Wood adhesive and mounting blocks available on request)
In-line protection unit	APUi50, APU-RS8i or APU-RS16i
Manufacturer limited warranty for residential applications	10 years



Example Applications

Residential distributed audio solutions, high power multi-channel surround sound and high end commercial installations.

Compatible Accessories

Backbox CV345, Backbox SW345, Firehood345, Mounting Blocks, Shim Kits, APUi50, APU-RS8i, APU-RS16i, ALF80, ALF120 Subwoofer

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