

ASPIRE IW6

Aspire® 6.5" 2-Way In-Wall Speakers

- > Audiophile performance 2-way in-wall speakers
- > 6.5" woven poly-glass composite woofers
- > 1" advanced synthetic polymer dome tweeters
- > 4th order crossovers
- > Steel composition woofer baskets
- > Vented pole pieces
- > "Zero-bezel" frameless steel grilles, paintable
- > Spring-loaded toggle clamp mounting system
- > 125 Watts program power handling
- > 53Hz-20kHz frequency response
- > 8 Ohms nominal impedance
- > Sold in pairs

The product of expert Crestron® audio engineering, Aspire® speakers deliver high-end performance for demanding residential installations. Select materials and a refined appearance underscore the meticulous design behind each model. The result is a complete line of in-wall and in-ceiling speakers worthy of a place in every room of the finest custom home.

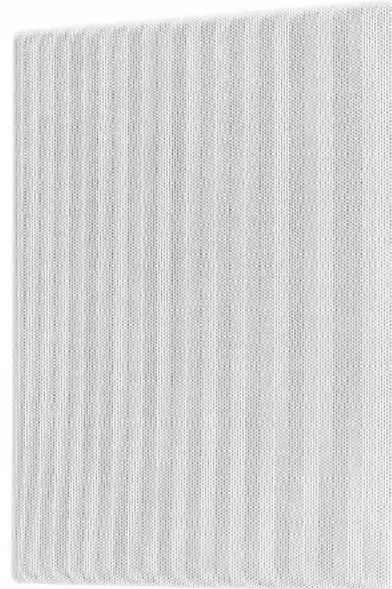
The Aspire line strikes a perfect balance between performance and price, delivering pristine, impactful sound quality, with minimal impact on your decor thanks to paintable zero-bezel grilles. Streamlined installation of each speaker is facilitated through a spring-loaded toggle clamp mounting system.

The Aspire IW6 model provides a pair of 2-way in-wall speakers featuring 6-1/2 inch woven poly-glass composite woofers for rich, impactful low end, and 1 inch advanced synthetic polymer dome tweeters for crisp, soaring highs. Precisely tuned 4th order crossovers ensure a full, warm and detailed response across the spectrum. Power handling is an impressive 125 Watts (program), with a wide frequency response from 53 Hz to 20 kHz (± 3 dB).

SPECIFICATIONS

Features & Performance

Woofer: 6.5 inch (165 mm) woven poly-glass composite w/rubber surround, vented pole piece & steel basket
Tweeter: 0.98 inch (25 mm) advanced synthetic polymer dome, ferrofluid cooling
Crossover: 4th order
Crossover Frequency: 2.5 kHz
Impedance: 8 Ohms nominal
Frequency Response: 53 Hz to 20 kHz (± 3 dB)
Frequency Range: 45 Hz to 20 kHz (-10 dB)
Power Handling: 125 Watts program
Sensitivity: 89 dB @ 1W/1m



Connections

Input: (2) spring terminals;
Maximum Wire Size: 10 AWG

Environmental

Temperature: 41° to 104°F (5° to 40°C)
Humidity: 10% to 90% RH (non-condensing)
For indoor use only

Construction

Baffle: ABS plastic, black
Grille: Steel with white textured finish, paintable, magnetically-held "zero-bezel" frameless design
Mounting: Flush wall mount using 6 integral spring-loaded toggle clamps, 1.35 in (34 mm) maximum surface thickness, 3.62 in (92 mm) minimum mounting depth, 11.2 in (285 mm) high x 8.3 in (211 mm) wide recommended cutout

Dimensions

Height: 11.86 in (301 mm)
Width: 8.98 in (228 mm)
Depth: 3.80 in (97 mm)
Dimensions shown are per speaker, positioned vertically

Weight

4.42 lb (2.01 kg) per speaker