

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

ASPIRE IW6 Aspire® 6.5" 2-Way In-Wall Speakers

MODELS & ACCESSORIES

Available Models

ASPIRE IW6-W-T: Aspire® 6.5" 2-Way In-Wall Speakers, White Textured, Pair

Available Accessories

SPKA-NCTP-IW600: New-Construction Speaker Templates

SPKA-GRILLE-IW603: Grilles (for replacement)

ASPIRE IWS82: Aspire® Dual 8" In-Wall Subwoofer

Notes:

Crestron warrants to the original end purchaser that this Crestron Speaker Product, when purchased directly from Crestron or an authorized Crestron Dealer, will be free from defects in material and workmanship for the life of the product except for speaker grilles and outdoor rated speakers, which are warranted for five (5) years. Crestron will at its option and expense either repair the defect or replace the Speaker Product with a new or remanufactured Product or a reasonable equivalent. In cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, Crestron assumes no responsibility or liability for such modifications.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Crestron, the Crestron logo, and Aspire are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice. ©2014 Crestron Electronics, Inc.

