

# ASPIRE IC6-W-T

## Aspire® 6.5” 2-Way In-Ceiling Speakers, White Textured

- > Audiophile performance 2-way in-ceiling speakers
- > 6.5” (165 mm) woven poly-glass composite woofers
- > 1” (25 mm) advanced synthetic polymer dome tweeters
- > 4th order crossovers
- > Steel composition woofer baskets
- > Vented pole pieces
- > “Zero-bezel” frameless steel grilles, paintable
- > Three-point, spring-loaded swiveling dog 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 three-point, spring-loaded swiveling dog mounting system optimized to minimize interference with obstructions within the ceiling space.

The Aspire IC6-W-T model provides a pair of 2-way in-ceiling speakers featuring 6-1/2 inch (165 mm) woven poly-glass composite woofers for rich, impactful low end, and 1 inch (25 mm) advanced synthetic polymer dome tweeters for crisp, soaring highs. Offset post-mounting of the tweeters reduces midrange frequency response anomalies normally caused by interference between the woofer and the back of the tweeter. 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 ( $\pm 3$  dB).

## SPECIFICATIONS

### Features & Performance

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**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, offset post-mounted

**Crossover:** 4th order

**Crossover Frequency:** 2.5 kHz

**Impedance:** 8 Ohms nominal



**Frequency Response:** 53 Hz to 20 kHz ( $\pm 3$  dB)

**Frequency Range:** 45 Hz to 20 kHz (-10 dB)

**Power Handling:** 125 Watts program

**Sensitivity:** 89.5 dB @ 1W/1m

### Connections

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**Input:** (2) Spring terminals;

**Maximum Wire Size:** 10 AWG (6 mm<sup>2</sup>)

### Environmental

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**Temperature:** 41° to 104° F (5° to 40° C)

**Humidity:** 10% to 90% RH (non-condensing)

*For indoor use only*

### Construction

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**Baffle:** ABS plastic, black

**Grille:** Steel with white textured finish, paintable, magnetically-held “zero-bezel” frameless design

**Mounting:** Flush ceiling mount using 3 integral spring-loaded swiveling dogs, 1.35 in (34 mm) maximum surface thickness, 4.21 in (107 mm) minimum mounting depth, 8.40 in (214 mm) diameter recommended cutout

### Dimensions

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**Diameter:** 9.28 in (236 mm) not including mounting dogs

**Depth:** 4.40 in (112 mm)

*Dimensions shown are per speaker*

### Weight

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3.44 lb (1.57 kg) per speaker

# ASPIRE IC6-W-T Aspire® 6.5" 2-Way In-Ceiling Speakers

## MODELS & ACCESSORIES

### Available Models

**ASPIRE IC6-W-T:** Aspire® 6.5" 2-Way In-Ceiling Speakers, White Textured, Pair

### Available Accessories

**SPKA-NCTP-IC600:** New-Construction Speaker Templates, 1 Pair

**SPKA-GRILLE-IC602:** Round Grilles, White, 10 Pack (for replacement)

**ASPIRE IWS82-W-T-EACH:** Aspire® In-Wall Dual 8" Subwoofer, White Textured, Single

### 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 <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover this and other Crestron products are listed online at <https://www.crestron.com/legal/patents>.

Certain Crestron products contain open source software. For specific information, visit <https://www.crestron.com/opensource>.

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