

ASPIRE IC6DT-W-T-EACH

Aspire® 6.5" 2-Way Single-Point Stereo In-Ceiling Speaker, White Textured

- > Audiophile performance 2-way in-ceiling speaker
- > Designed for single-point stereo applications
- > Dual voice coil 6.5" (165 mm) woven poly-glass composite woofer
- > Dual 1" (25 mm) advanced synthetic polymer dome tweeters
- > 4th order stereo crossover
- > Steel composition woofer basket
- > Vented pole piece
- > "Zero-bezel" frameless steel grille, paintable
- > Three-point, spring-loaded swiveling dog mounting system
- > 100 Watts/Ch program power handling
- > 53Hz – 20kHz frequency response
- > 8 Ohms nominal impedance per channel

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 IC6DT-W-T-EACH model is a single in-ceiling speaker featuring a 6-1/2 inch (165 mm) dual voice coil woofer and dual 1 inch (25 mm) dome tweeters. It is designed to produce stereo sound in the space of a single speaker, perfect for bathrooms and other small spaces. Its high-end, woven poly-glass composite woofer and advanced synthetic polymer tweeters afford rich, impactful low end and crisp, soaring highs. A precisely tuned stereo 4th order crossover ensures a full, warm and detailed response across the spectrum. Power handling is an impressive 100 Watts (program) per channel, with a wide frequency response from 53 Hz to 20 kHz (± 3 dB).

SPECIFICATIONS

Features & Performance

Woofer: Dual voice coil 6.5 inch (165 mm) woven poly-glass composite w/rubber surround, vented pole piece & steel basket

Tweeter: (2) 0.98 inch (25 mm) advanced synthetic polymer dome, ferrofluid cooling, post-mounted

Crossover: 4th order

Crossover Frequency: 2.5 kHz



Impedance: 8 Ohms nominal per channel
Frequency Response: 53 Hz to 20 kHz (± 3 dB)
Frequency Range: 45 Hz to 20 kHz (-10 dB)
Power Handling: 100 Watts program per channel
Sensitivity: 89.5 dB @ 1W/1m per channel

Connections

Input: (2 sets of 2) Spring terminals;
Maximum Wire Size: 10 AWG (6 mm²)

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 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

Diameter: 9.28 in (236 mm) not including mounting dogs
Depth: 4.40 in (112 mm)

Weight

3.79 lb (1.72 kg)

ASPIRE IC6DT-W-T-EACH Aspire® 6.5" 2-Way Single-Point Stereo In-Ceiling Speaker

MODELS & ACCESSORIES

Available Models

ASPIRE IC6DT-W-T-EACH: Aspire® 6.5" 2-Way Single-Point Stereo In-Ceiling Speaker, White Textured, Single

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>.

Crestron, the Crestron logo, Aspire, Essence, and Excite 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. ©2018 Crestron Electronics, Inc.

