

ESSENCE IC6-W-T

Essence® 6.5" 2-Way In-Ceiling Speakers, White Textured

- > Ultimate performance 2-way in-ceiling speakers
- > 6.5" (165 mm) woven Kevlar® woofers
- > 1.1" (28 mm) advanced synthetic polymer dome tweeters
- > Precision 4th order crossovers
- > Cast aluminum woofer baskets
- > Extra large magnets and vented pole pieces
- > "Zero-bezel" frameless steel grilles, paintable
- > Three-point, spring-loaded swiveling dog mounting system
- > 150 Watts program power handling
- > 45Hz - 20kHz frequency response
- > 8 Ohms nominal impedance
- > Sold in pairs

The product of expert Crestron® audio engineering, Essence® speakers deliver the pinnacle of performance for demanding residential installations. Select esoteric materials, top shelf components and a refined, high-end 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 Essence line promises the ultimate in installed audio design, delivering simply stunning sound quality while minimizing any 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 [Essence IC6-W-T](#) model provides a pair of 2-way in-ceiling speakers featuring 6-1/2 inch (165 mm) long-throw woven Kevlar® woofers for deep, defined low end, and large 1.1 inch (28 mm) advanced synthetic polymer dome tweeters for crisp, fluent highs, articulate midrange, and consistent coverage across a wider listening area. Cast aluminum woofer baskets assure pure, uncolored bass response. Offset post-mounting of the tweeters reduces midrange frequency response anomalies normally caused by interference between the woofer and the back of the tweeter. Precision 4th order crossovers utilizing the highest quality components ensure a full, rich and detailed response across the spectrum. Power handling is an impressive 150 Watts (program), with a wide frequency response from 45 Hz to 20 kHz (± 3 dB).

SPECIFICATIONS

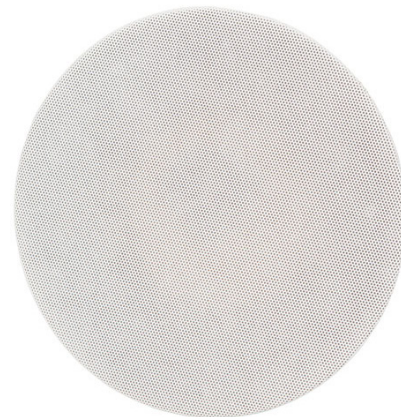
Features & Performance

Woofer: 6.5 inch (165 mm) woven Kevlar® w/rubber surround, vented pole piece & cast aluminum basket

Tweeter: 1.1 inch (28 mm) advanced synthetic polymer dome, ferrofluid cooling, offset post-mounted

Crossover: 4th order Linkwitz-Riley

Crossover Frequency: 2 kHz



Impedance: 8 Ohms nominal
Frequency Response: 45 Hz to 20 kHz (± 3 dB)
Frequency Range: 35 Hz to 20 kHz (-10 dB)
Power Handling: 150 Watts program
Sensitivity: 89.5 dB @ 1W/1m

Connections

Input: (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, 4.08 in (104 mm) minimum mounting depth, 8.4 in (214 mm) diameter recommended cutout

Dimensions

Diameter: 9.28 in (236 mm) not including mounting dogs
Depth: 4.27 in (109 mm)
Dimensions shown are per speaker

Weight

4.85 lb (2.20 kg) per speaker

ESSENCE IC6-W-T Essence® 6.5" 2-Way In-Ceiling Speakers

MODELS & ACCESSORIES

Available Models

ESSENCE IC6-W-T: Essence® 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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