

ESSENCE IC6

Essence™ 6.5" 2-Way In-Ceiling Speakers

- > Ultimate performance 2-way in-ceiling loudspeakers
- > 6.5" woven Kevlar® woofers
- > 1.1" 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
- > Both round and square grilles provided
- > Three-point spring-loaded toggle clamp 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. Both round and square grilles are included. Streamlined installation is facilitated through a three-point, spring-loaded toggle clamp mounting system optimized to minimize interference with obstructions within the ceiling space.

The Essence IC6 model provides a pair of 2-way in-ceiling loudspeakers featuring 6-1/2 inch long-throw woven Kevlar® woofers for deep, defined low end, and large 1.1 inch 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

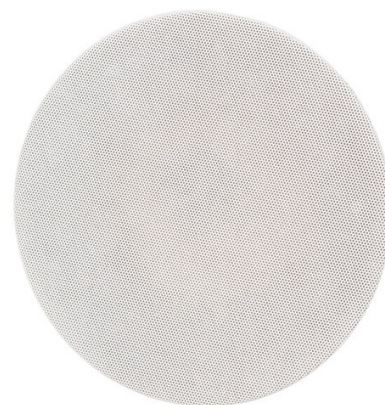
Features & Performance

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

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 textured finish, paintable, round or square (both included), magnetically-held "zero-bezel" frameless

Mounting: Flush ceiling mount using 3 integral spring-loaded toggle clamps, 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)

Depth: 4.27 in (109 mm)

Dimensions shown are per speaker

Weight

4.85 lb (2.20 kg) per speaker

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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 for Excite™, Aspire™, & Essence™ IC6 & IC6DT, 1 Pair

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 grills 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.

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

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