

ESSENCE IW8

Essence® 8" 2-Way In-Wall Speakers

- > Ultimate performance 2-way in-wall speakers
- > 8" 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
- > Spring-loaded toggle clamp mounting system
- > 175 Watts program power handling
- > 38Hz-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 spring-loaded toggle clamp mounting system.

The Essence IW8 model provides a pair of 2-way in-wall speakers featuring 8 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. Precision 4th order crossovers utilizing the highest quality components ensure a full, rich and detailed response across the spectrum. Power handling is an impressive 175 Watts (program), with a wide frequency response from 38 Hz to 20 kHz (± 3 dB).

SPECIFICATIONS

Features & Performance

Woofer: 8 inch (203 mm) woven Kevlar® w/rubber surround, vented pole piece & cast aluminum basket

Tweeter: 1.1 inch (28 mm) advanced synthetic polymer dome, ferrofluid cooling, damped aperiodic rear chamber

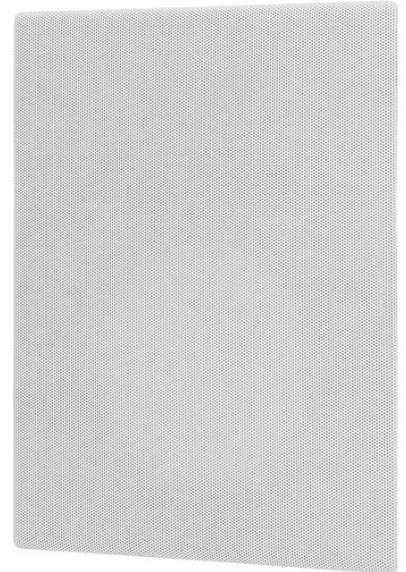
Crossover: 4th order Linkwitz-Riley

Crossover Frequency: 2 kHz

Impedance: 8 Ohms nominal

Frequency Response: 38 Hz to 20 kHz (± 3 dB)

Frequency Range: 30 Hz to 20 kHz (-10 dB)



Power Handling: 175 Watts program

Sensitivity: 91.5 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 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, 4.33 in (110 mm) minimum mounting depth, 13.3 in (338 mm) high x 9.8 in (249 mm) wide recommended cutout

Dimensions

Height: 13.91 in (354 mm)

Width: 10.45 in (266 mm)

Depth: 4.50 in (115 mm)

Dimensions shown are per speaker, positioned vertically

Weight

7.54 lb (3.42 kg) per speaker

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MODELS & ACCESSORIES

Available Models

ESSENCE IW8-W-T: Essence® 8" 2-Way In-Wall Speakers, White Textured, Pair

Available Accessories

SPKA-NCTP-IW800: New-Construction Speaker Templates

SPKA-GRILLE-IW803: 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.

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