

# ESSENCE IW6

## Essence® 6.5" 2-Way In-Wall Speakers

- > Ultimate performance 2-way in-wall speakers
- > 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
- > 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. Streamlined installation of each speaker is facilitated through a spring-loaded toggle clamp mounting system.

The Essence IW6 model provides a pair of 2-way in-wall speakers 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. 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 ( $\pm 3$  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, damped aperiodic rear chamber

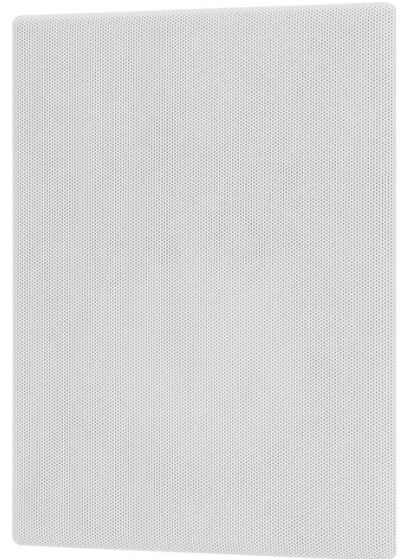
**Crossover:** 4th order Linkwitz-Riley

**Crossover Frequency:** 2 kHz

**Impedance:** 8 Ohms nominal

**Frequency Response:** 45 Hz to 20 kHz ( $\pm 3$  dB)

**Frequency Range:** 35 Hz to 20 kHz (-10 dB)



**Power Handling:** 150 Watts program  
**Sensitivity:** 89 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, 3.49 in (89 mm) minimum mounting depth, 11.2 in (285 mm) high x 8.3 in (211 mm) wide recommended cutout

#### Dimensions

**Height:** 11.86 in (301 mm)

**Width:** 8.98 in (228 mm)

**Depth:** 3.67 in (94 mm)

Dimensions shown are per speaker, positioned vertically

#### Weight

5.74 lb (2.61 kg) per speaker

# ESSENCE IW6 Essence® 6.5" 2-Way In-Wall Speakers

## MODELS & ACCESSORIES

### Available Models

**ESSENCE IW6-W-T:** Essence® 6.5" 2-Way In-Wall Speakers, White Textured, Pair

### Available Accessories

**SPKA-NCTP-IW600:** New-Construction Speaker Templates

**SPKA-GRILLE-IW603:** 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](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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