

# SAROS IC4P-W

## Saros® 3 in. Passive Full-Range In-Ceiling Speaker, White, Textured



- *Balanced Mode Radiator (BMR) transducer offers enhanced clarity and wider dispersion than a typical conical driver*
- *Clean, contemporary grille design*
- *Two-step toggle clamps for quick and easy installation*
- *Includes tile bridge for installation in a drop-tile ceiling*
- *90 Hz to 30 kHz frequency response*
- *170° coverage for speech content, 140° coverage for music*

The [SAROS IC4P-W](#) in-ceiling speaker with a Balanced Mode Radiator (BMR) transducer offers broad coverage angles and simple installation. A single 2.83 in. (72 mm) BMR transducer drives the entire 90 Hz to 30 kHz frequency range, with coverage angles exceeding the capabilities of a traditional conical, pistonic woofer and concentric tweeter.

### Simple and Clean Installation

The SAROS IC4P-W is designed for quick and easy installation and years of reliable performance. Its unobtrusive and contemporary grille achieves an appearance well-suited for use in restaurants, retail spaces, houses of worship, universities, and office buildings. Installing the grille requires no hardware or tools, utilizing powerful magnets to hold it in place.

Mounting the speaker is facilitated using swiveling mounting dogs integrated into the enclosure. The mounting dogs feature two positions to accommodate standard and extra thick surfaces up to 2.4 in. (61 mm). A tile bridge is included to provide proper support when installed in a typical drop-tile ceiling. The tile bridge is adjustable to enable off-center speaker positioning, and can be folded to fit through the

speaker cutout. A rigging point is also provided on the speaker enclosure for securing to the building structure using an optional safety tether kit ([SPKA-ST-15](#), sold separately).

### Plenum Rated

The speaker is housed in an integral metal back can, which meets the requirements of UL® 2043 for installation in a plenum space. The wiring connections are accessible behind a rear cover panel. Two mutually exclusive inputs are available, an RJ-45 connector to receive signal from the outputs of a [SAROS DM-NAX-IC4A-W](#) (sold separately) and a two pin terminal block connector to receive signal from an external audio amplifier. For a plenum rated patch cable, use [CBL-ZUMLINK-P-25](#) (sold separately) or a third-party CAT5 cable 32 ft. (10 m) or shorter.

## Specifications

### Features & Performance

<b>Transducer</b>	2.83 in. (72 mm) Balanced Mode Radiator (BMR)
<b>Frequency Response</b>	90 Hz to 30 kHz (±3 dB)
<b>Sensitivity</b>	86 dB @ 1 W/1 m
<b>Coverage</b>	170° conical (speech, up to 4 kHz); 140° conical (music, up to 8 kHz)
<b>BMR Power Handling</b>	25 W
<b>BMR Max Power Output</b>	25 W, connected to an external amplifier via 2-pin audio input; 10 W, connected to the <b>SPEAKER-LEVEL OUTPUT</b> of a SAROS DM-NAX-IC4-A; 6.5 W, connected to the <b>SPEAKER-LEVEL OUTPUT</b> of a SAROS DM-NAX-IC4-A with one other SAROS IC4-P connected; 4.5 W, connected to the <b>SPEAKER-LEVEL OUTPUT</b> of a SAROS DM-NAX-IC4-A with two other SAROS IC4-P connected

### Connectors

<b>2-Pin Audio Input</b>	(1) 2-pin 5 mm detachable terminal block; Speaker input (alternate); For use with an external amplifier; <b>Impedance:</b> 8 Ohms (7.4 Ohms nominal); <b>Maximum Wire Size:</b> 12 AWG; Do not connect both inputs simultaneously
<b>RJ-45 Audio Input</b>	(1) 8-pin RJ-45 connector, female; For use with <a href="#">SAROS DM-NAX-IC4A-W</a> only

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### Controls and Indicators

<b>Power</b>	(1) White LED; Solid indicates that the device is paired with a SAROS DM-NAX-IC4A-W; Blinking indicates that the device is in identify mode; Off indicates the device is not paired with a SAROS DM-NAX-IC4A-W
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### Environmental

<b>Temperature</b>	32° to 104°F (0° to 40°C)
<b>Humidity</b>	10% to 90% RH (noncondensing)

### Construction

<b>Enclosure</b>	Painted steel, plenum-rated; 0.75 in. (19 mm) conduit knockout on top and sides; (1) cable clamp included
<b>Baffle</b>	ABS UL® 94V-0 plastic
<b>Grille</b>	Steel with white textured finish, paintable; Magnetically held; Safety tether included
<b>Mounting</b>	Flush ceiling mount using 4 integral 2-step toggle clamps; 2.36 in. (60 mm) maximum clamping thickness; Tile bridge included

### Dimensions

<b>Diameter</b>	7.49 in. (191 mm) not including mounting clamps
<b>Depth</b>	4.28 in. (109 mm) mounting depth; 4.50 in. (115 mm) including grille

### Weight

2.35 lb (1.06 kg)

### Compliance

**Regulatory Model: M202010001**

FCC Part 15 Class B, IC Class B, CE, UL® 2043

To search for product certificates, refer to [support.crestron.com/app/certificates](https://support.crestron.com/app/certificates).

### Model

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### Available Accessories

For a list of available accessories, visit the [SAROS IC4P-W](#) product page.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](https://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](https://www.crestron.com/contact/our-locations) for your local contact.

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The product warranty can be found at [www.crestron.com/warranty](https://www.crestron.com/warranty).

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