

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 CAT5e cable 32 ft. (10 m) or shorter.

Specifications

Features & Performance

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

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Connectors

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

Controls and Indicators

Power	(1) White LED, behavior determined via SAROS DM-NAX-IC4A-W web UI configuration; 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 or that the LED has been disabled from the SAROS DM-NAX-IC4A-W
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Environmental

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

Construction

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

Dimensions

Baffle Diameter	7.49 in. (191 mm) not including mounting clamps
Back Can Diameter	6.33 in. (161 mm) not including mounting clamps

Depth	4.28 in. (109 mm) mounting depth; 4.50 in. (115 mm) including grille
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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.

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Model

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Available Accessories

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

Note:

1. Only straight-through wiring should be used for the Category cable connection between the SAROS DM-NAX-IC4A-W and any connected SAROS IC4P-W speakers. Do not use a crossover cable; crossover wiring may cause damage to the components of the SAROS IC4P-W speaker. Perform a pin-out and continuity test on the cable before installation to ensure the cable is wired straight-through.

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 or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

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All other languages are a translation of the original document.

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