

SAROS IC6LPT Series

Saros® Low-Profile 6.5" 2-Way In-Ceiling Speaker

- > High-performance, low-profile 2-way in-ceiling speaker
- > Requires only 5-1/8" (130 mm) mounting depth
- > 6.5" polypropylene woofer with damped cloth surround for tight, controlled bass and clear midrange
- > Optimized dual front ports for enhanced low-frequency response
- > Wide-dispersion, horn-loaded titanium dome tweeter for crisp, clear high-end and enhanced pattern control
- > Built-in 60 Watt 70/100V multi-tap transformer
- > "Zero-bezel" frameless grille for a clean, contemporary appearance
- > Integral metal back can with side-entry cable clamp
- > Two-step swiveling dog mounting system for quick and easy installation
- > Includes tile bridge for installation in a drop-tile ceiling
- > Meets the requirements of UL® 2043 for installation in an environmental air-handling space
- > 50 Watts program power handling at 8 Ohms
- > 65 Hz - 20 kHz frequency response
- > 95° nominal coverage pattern
- > Easy commissioning using pre-configured channel strip for Crestron Avia™ DSP
- > Available in black or white
- > Paintable to blend with surroundings



Saros® speakers by Crestron® deliver professional grade performance and flexible installation in a range of popular sizes for demanding commercial applications. Solid construction, easy installation, and high-end components are hallmarks of the Saros speaker line. Ideal for use in background or foreground music, paging, and sound reinforcement systems, Saros speakers are engineered to achieve smooth, even coverage, high output, and clear, natural sound quality through the employment of horn-loaded titanium dome tweeters, high-efficiency damped cone woofers, ported enclosures, and precisely tuned crossovers. Fast and easy commissioning is afforded using pre-configured channel strips for [Crestron Avia™ DSP](#).

The Saros IC6LPT series are 2-way in-ceiling speakers that feature a 6-1/2 inch woofer and wide-dispersion, horn-loaded 1 inch dome tweeter. Their low-profile enclosures allow for installation in constricted ceiling spaces as shallow as 5-1/8 inches (130 mm). A built-in 60 Watt multi-tap transformer allows for use with 70 and 100 Volt distributed speaker systems. Power handling at 8 Ohms is 50 Watts (program), with a frequency response from 65 Hz to 20 kHz (± 3 dB).

Saros IC6LPT series speakers are smartly designed for quick and easy installation and years of reliable performance. They feature a "zero-bezel" frameless grille that achieves an unobtrusive and contemporary appearance well-suited for use in restaurants and night clubs, retail spaces, houses of worship, convention facilities, universities, and office buildings. Installing the grille requires no hardware or tools, utilizing powerful magnets to hold it in place. A safety tether is included to prevent the grille from ever falling from the ceiling.

Unitized construction of the speaker enclosure simplifies specification and installation for use in new and existing ceilings. Mounting the speaker is facilitated using rugged, 2-step swiveling dogs integrated into the enclosure. The mounting dogs feature two positions to accommodate standard and extra thick surfaces up to 2.4 inches (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 in blind-mount situations. Two rigging points are also provided on the side of the speaker enclosure for securing to the building structure using the optional safety tether kit ([SPKA-ST-15^{\(1\)}](#)).

An integral metal back can is employed to meet the requirements of UL® 2043 for installation in an environmental air-handling (plenum) space. The wiring connection is accessible behind a rear cover panel by removing a single screw. Wiring enters through a side-mounted cable clamp attached to the cover panel. Connecting the wiring behind the cover panel is facilitated using a detachable screw terminal block with provisions for easy parallel wiring in a multi-speaker application. Setting the 70/100V transformer tap is performed via a screwdriver-adjustable control located on the front baffle behind the grille.

Saros IC6LPT speakers are available in white or black, and can be painted to blend with the ceiling surface. They are priced individually, but must be ordered in pairs.

SAROS IC6LPT Series

Saros® Low-Profile 6.5" 2-Way In-Ceiling Speaker

SPECIFICATIONS

Features & Performance

Woofers: 6.5 inch (165 mm) polypropylene w/ring mode decoupled cloth surround & steel basket

Tweeter: 0.98 inch (25 mm) titanium dome, horn loaded

Crossover Frequency: 2.5 kHz

Impedance: 8 Ohms nominal with transformer set to "8Ω"

Transformer Taps: 3.75W/7.5W/15W/30W/60W at 70V;
7.5W/15W/30W/60W at 100V

Frequency Response: 65 Hz to 20 kHz (±3 dB)

Frequency Range: 55 Hz to 20 kHz (-10 dB)

Power Handling: 50 Watts program (8 Ohms)

Sensitivity: 88 dB @ 1W/1m

Coverage: 95° conical (nominal)

Connections

Input: (1) 4-pin 5 mm detachable terminal block with screw-down flanges;
Speaker input with parallel pass-thru;
Maximum Wire Size: 12 AWG (4 mm²)

Controls

Transformer Tap: (1) Recessed screwdriver-adjustable rotary switch on baffle; Used to select 70/100V tap or 8 Ohms (bypass)

Environmental

Temperature: -2° to 120° F (-19° to 49° C)

Humidity: 5% to 95% RH (non-condensing)

Construction

Enclosure: Zinc-plated steel, plenum-rated, side-entry cable clamp

Baffle: ABS UL 94V-0 plastic

Grille: Steel with white or black textured finish, paintable, magnetically-held "zero-bezel" frameless design, safety tether included

Mounting: Flush ceiling mount using 4 integral 2-step swiveling dogs, 2.4 in (61 mm) maximum surface thickness, 5.2 in (130 mm) minimum mounting depth, 9.7 in (245 mm) diameter recommended cutout, tile bridge included, (2) rigging points for safety tether (SPKA-ST-15 sold separately)

Dimensions

Diameter: 10.64 in (270 mm) not including mounting dogs

Depth: 5.30 in (135 mm)

Weight

8.2 lb (3.7 kg)

Compliance

UL Listed for US & Canada, CE, FCC Part 15 Class B, UL 1480, UL 1480A, UL 2043^[2]

MODELS & ACCESSORIES

Available Models

SAROS IC6LPT-B-T-EACH: Saros® Low-Profile 6.5" 2-Way In-Ceiling Speaker, Black Textured, Single (must be ordered in multiples of 2)

SAROS IC6LPT-W-T-EACH: Saros® Low-Profile 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)

Available Accessories

SPKA-ST-15: Safety Tether/Tie Down Kits

SPKA-NCTP-IC610: New-Construction Speaker Templates, Flat

SPKA-NCTP-IC611: New-Construction Speaker Templates, Collared

SPKA-GRILLE-IC610 Series: Round Grilles (for replacement)

SAROS ICS8T Series: Saros® 8" In-Ceiling Subwoofers

DSP Series: Crestron Avia™ Digital Signal Processors

AMP-8000 Series: Crestron Avia™ 8-Channel Power Amplifiers, 4/8 Ohm or 70V, North America & Japan, 100-120V

AMPI-8000 Series: Crestron Avia™ 8-Channel Power Amplifiers, 4/8 Ohm or 100V, International, 220-240V

AMP-150/225/1200/2100 Series: Modular Power Amplifiers, 4/8 Ohm, 70V, or 100V

Notes:

1. Item(s) sold separately.
2. UL 1480 speakers for fire alarm and signaling systems in the United States, in accordance with the National Electrical Code, NFPA 70, and the National Fire Alarm and Signaling Code, NFPA 72. In Canada, in accordance with CSA C22.1, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations; and with CAN/ULC S524, Standard for Installation of Fire Alarm Systems. UL 2043 in accordance with the Standards for Fire Test for Heat and Visible Smoke Release for Discrete Products and Accessories Installed in Air-Handling Spaces, UL 2043 and ULC ORD-C2043.

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 <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover Crestron products are listed online at <https://www.crestron.com/legal/patents>.

Certain Crestron products contain open source software. For specific information, visit <https://www.crestron.com/opensource>.

Crestron, the Crestron logo, Crestron Avia, and Saros are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Dante is either a trademark or registered trademark of Audinate Pty Ltd. in the United States and/or other countries. UL is either a trademark or registered trademark of UL LLC in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice. ©2018 Crestron Electronics, Inc.

SAROS IC6LPT Series

Saros® Low-Profile 6.5" 2-Way In-Ceiling Speaker

