

SAROS ICS8T

Saros® 8" In-Ceiling Subwoofer

- > High-performance in-ceiling subwoofer
- > 8" polypropylene woofer with rubber surround for deep, full low end
- > Optimized dual front ports for enhanced bass response
- > Phase plug for reduced beaming at higher frequencies
- > Built-in 70/100 Volt transformer
- > "Zero-bezel" frameless grille for a clean, contemporary appearance
- > Integral metal back can with top and side conduit knockouts
- > Two-step toggle clamps for fast, easy installation
- > Includes tile bridge for installation in a drop-tile ceiling
- > Meets the requirements for installation in an environmental air-handling space
- > 100 Watts program power handling at 8 Ohms
- > 45Hz-125Hz frequency response
- > 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.

The Saros ICS8T model is an 8 inch in-ceiling subwoofer designed to provide extended low-frequency response for music and sound reinforcement applications. Power handling is 100 Watts (program) at 8 Ohms, with a tailored frequency response of 45 Hz to 125 Hz (± 3 dB) and a usable range down to 35 Hz. A built-in transformer allows for use with 70 and 100 Volt distributed speaker systems.

Its built-in low-pass filter allows the Saros ICS8T to sound great alongside Saros 4, 6, and 8 inch full-range speakers without requiring a separate crossover. Optimum performance and sound quality is achieved using a bi-amplified sound system such as the Sonnex® Multiroom Audio System^[1], which can be configured to employ a dedicated subwoofer amplifier channel with active 2-way crossover.

The Saros ICS8T is smartly designed for quick and easy installation and years of reliable performance. Its "zero-bezel" frameless grille 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 subwoofer enclosure simplifies specification and installation for use in new and existing ceilings. Mounting the subwoofer is facilitated using rugged, 2-step toggle clamps integrated into the enclosure. Each toggle clamp offers 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 can be folded to fit through the speaker cutout in blind-mount situations. Two rigging points are also provided on the top of the subwoofer 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 for installation in an environmental air-handling (plenum) space. The wiring connection is accessible behind a rear cover panel by removing a single screw. Top and side knockouts are provided on the cover panel to accommodate 1/2" or 3/4" flexible conduit. A cable clamp is also provided. 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 ICS8T subwoofers can be painted to blend with the ceiling surface. They are priced individually, but must be ordered in pairs.

SAROS ICS8T Saros® 8" In-Ceiling Subwoofer

SPECIFICATIONS

Features & Performance

Woofer: 8 inch (203 mm) polypropylene w/rubber surround, steel basket, & phase plug

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

Transformer Taps: 60W or 120W at 70V;
120W at 100V

Low-Pass Filter: 125 Hz, 2nd order

Frequency Response: 45 Hz to 125 Hz (±3 dB)

Frequency Range: 35 Hz to 125 Hz (-10 dB)

Power Handling: 100 Watts program (8 Ohms)

Sensitivity: 90 dB @ 1W/1m

Connections

Input: (1) 4-pin 5mm detachable terminal block with screw-down flanges;
Speaker input with parallel pass-thru;

Maximum Wire Size: 12 AWG

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, 1/2" or 3/4" conduit knockout top and side, (1) cable clamp included

Baffle: ABS UL® 94V-0 plastic

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

Mounting: Flush ceiling mount using 4 integral 2-step toggle clamps, 2.4 in (61 mm) maximum surface thickness, 8.9 in (226 mm) minimum mounting depth, 11-5/16in (287 mm) diameter recommended cutout, tile bridge included, (2) rigging points for safety tether (SPKA-ST-15 sold separately)

Dimensions

Diameter: 12.07 in (307 mm) not including toggles

Depth: 9.10 in (231 mm)

Weight

14.0 lb (6.4 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 ICS8T-W-T-EACH: Saros® 8" In-Ceiling Subwoofer, White Textured, Single (must be ordered in multiples of 2)

Available Accessories

SPKA-ST-15: Safety Tether/Tie Down Kits, 10 Sets

SPKA-NCTP-IC810: New-Construction Speaker Templates, Flat

SPKA-NCTP-IC811: New-Construction Speaker Templates, Collared

SPKA-GRILLE-IC810: Round Grilles (for replacement)

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 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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