

SAROS ICE8LPT

Saros® Express Low-Profile 8 in. 2-Way In-Ceiling Speaker

- > Low-profile 2-way in-ceiling speaker
- > Requires only 5.13 in. (130 mm) mounting depth
- > 8 in. woofer with damped cloth surround
- > Dual front ports for enhanced low-frequency response
- > Wide-dispersion, horn-loaded dome tweeter
- > Built-in 30 W 70V/100V multi-tap transformer
- > Zero-bezel frameless grille for a clean, contemporary appearance
- > Integral metal back can with side-entry cable clamp
- > Two-step toggle clamps for fast, easy installation
- > Includes tile bridge for installation in a drop-tile ceiling
- > Meets the UL® 2043 requirements for installation in an environmental air-handling space
- > 60 W program power handling at 8 Ohms
- > 80 Hz-20 kHz frequency response
- > 95° nominal coverage pattern
- > Paintable to blend with surroundings



Saros® Express speakers by Crestron® deliver easy installation and excellent performance in a range of popular sizes for cost-sensitive commercial applications. Ideal for use in music, paging, and sound reinforcement systems, Saros Express speakers are engineered to achieve full, even coverage and clear sound quality at an affordable cost.

The Saros Express ICE8LPT model is a 2-way in-ceiling speaker featuring an 8 in. (203 mm) woofer and wide-dispersion, horn-loaded 1 in. (25 mm) dome tweeter. Its low-profile enclosure allows for installation in constricted ceiling spaces as shallow as 5.13 in. (130 mm). A built-in 30 W multi-tap transformer allows for use with 70V and 100 V distributed speaker systems. Power handling at 8 Ohms is 60 W (program), with a frequency response from 80 Hz to 20 kHz (± 3 dB).

The Saros Express ICE8LPT is smartly designed for quick and easy installation and 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 firmly secure the grille. Grilles can also be painted to blend with the ceiling surface.

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 toggle clamps integrated into the enclosure. Each toggle clamp offers 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 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 UL® 2043 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. 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 70V/100V transformer tap is performed via a screwdriver-adjustable control located on the front baffle behind the grille.

Saros Express ICE8LPT speakers are priced individually, but must be ordered in pairs.

SPECIFICATIONS

Features & Performance

Woofer: 8 in. (203 mm) treated paper w/ring mode decoupled cloth surround & steel basket

Tweeter: 0.98 in. (25 mm) treated cloth dome, horn loaded

Crossover Frequency: 2.5 kHz

Impedance: 8 Ohms nominal with transformer set to 8 Ω

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

Frequency Response: 80 Hz to 20 kHz (± 3 dB)

Frequency Range: 65 Hz to 20 kHz (-10 dB)

Power Handling: 60 W program (8 Ohms)

Sensitivity: 89 dB @ 1W/1m
Coverage: 95° conical (nominal)

Connections

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

Controls

Transformer Tap: (1) Recessed screwdriver-adjustable rotary switch on baffle;
Used to select 70V/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 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, 5.2 in. (132 mm) minimum mounting depth, 11.31 in. (287 mm) diameter recommended cutout, tile bridge included, (2) rigging points for safety tether (SPKA-ST-15 sold separately)

Dimensions

Diameter: 12.13 in. (308 mm) not including toggles
Depth: 5.30 in. (135 mm)

Weight

10.8 lb (4.9 kg)

Compliance

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

MODELS & ACCESSORIES

Available Model

SAROS ICE8LPT-W-T-EACH: Saros® Express Low-Profile 8 in. 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)

Available Accessories

For a list of available accessories, visit the SAROS ICE8LPT-W-T-EACH product page.

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 grills 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.

Crestron, the Crestron logo, and Saros are either trademarks or registered trademarks of Crestron Electronics, Inc. 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. ©2021 Crestron Electronics, Inc.

SAROS ICE8LPT

Saros® Express Low-Profile 8 in. 2-Way In-Ceiling Speaker

