

SAROS PD6T

Saros® 6.5" 2-Way Pendant Speaker

- > High-performance suspended speaker for open-ceiling applications
- > Weather-resistant for use under eaves and in semi-enclosed spaces
- > 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
- > 125 Watts program power handling at 8 Ohms
- > 50Hz-20kHz frequency response
- > 100° nominal coverage pattern
- > Rigid glass fiber reinforced ABS construction
- > Magnetically attached steel frameless grille
- > Available in black or white
- > Paintable to blend with surroundings
- > Includes wire rope hanger assembly with Gripple® hardware for quick and easy installation



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.

The Saros PD6T model is a 2-way pendant speaker featuring a 6-1/2 inch woofer and wide-dispersion, horn-loaded 1 inch dome tweeter. 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 125 Watts (program), with a wide frequency response from 50 Hz to 20 kHz (± 3 dB).

The Saros PD6T is designed to be suspended from a ceiling truss in an open-ceiling environment. Its clean, contoured enclosure achieves an attractive appearance in restaurants and night clubs, retail spaces, houses of worship, convention facilities, universities, and office buildings. Weatherized construction allows for use in outdoor entertainment venues, patios, and swimming pools. To facilitate installation, a 12 ft (3.65 m) length of wire rope with attached snap hook is supplied. Securing the wire rope to the truss and adjusting it to the desired length is accomplished quickly and easily using the provided Gripple® self-locking wire rope grip.

To achieve its sleek, sculpted appearance, the Saros PD6T employs a durable ABS plastic housing and "zero-bezel" frameless grille. Composed of steel, the grille is held in place by powerful magnets, eliminating any visible screws or other hardware. A safety tether is included to prevent the grille from ever presenting a falling hazard. Setting the 70/100V

transformer tap is performed via a screwdriver-adjustable control located on the speaker baffle behind the grille.

Wiring connections are provided on the top of the speaker adjacent to the suspension rigging point. Connecting the wiring is facilitated using a detachable screw terminal block with provisions for easy parallel wiring in a multi-speaker application. A weather boot is included to protect the wiring connections from moisture.

The PD6T is topped off with a top cover, which conceals the wiring connections and suspension hardware for a very clean, contoured appearance. Saros PD6T speakers are available in white or black, and can be painted to blend with the surrounding architecture. They are priced and sold individually.

SPECIFICATIONS

Features & Performance

Woofer: 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 "8 Ω "

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

Frequency Response: 50 Hz to 20 kHz (± 3 dB)

Frequency Range: 40 Hz to 20 kHz (-10 dB)

Power Handling: 125 Watts program (8 Ohms)

Sensitivity: 88.5 dB @ 1W/1m

Coverage: 100° conical (nominal)

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Connections

Input: (1) 4-pin 5mm detachable terminal block with screw-down flanges and weather boot;
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)
Splash Resistance: IPx4 rated per IEC 60529

Construction

Enclosure: Glass fiber reinforced ABS plastic, UL® 94V-0 flame rated, textured finish, paintable, removable top cover
Baffle: Glass fiber reinforced ABS plastic, UL 94V-0 flame rated
Grille: Steel with textured finish, paintable, magnetically-held "zero-bezel" frameless, safety tether
Mounting: Single rigging point beneath top cover for suspension; Gripple® 12 ft (3.65 m) wire rope (aka, aircraft cable) hanger with attached snap hook and self-locking wire rope grip included

Dimensions

Height: 10.49 in (267 mm)
Width: 11.07 in (282 mm) diameter

Weight

9.8 lb (4.5 kg)

MODELS & ACCESSORIES

Available Models

SAROS PD6T-B-T-EACH: Saros® 6.5" 2-Way Pendant Speaker, Black Textured, Single Available
SAROS PD6T-W-T-EACH: Saros® 6.5" 2-Way Pendant Speaker, White Textured, Single

Available Accessories

SAROS PDS8T: Saros® 8" Pendant Subwoofer

Notes:

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.

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SAROS PD6T-W-T (White)



SAROS PD6T-B-T (Black)

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