

SAROS PD6T

Saros® 6.5 in. 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 in. 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 W 70/100V multi-tap transformer*
- *125 W program power handling at 8 Ω*
- *50 Hz - 20 kHz 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 Grippler® 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](#) is a 2-way pendant speaker featuring a 6.5 in. woofer and wide-dispersion, horn-loaded 0.75 in. dome

tweeter. A built-in 60 W multi-tap transformer allows for use with 70V and 100V distributed speaker systems. Power handling at 8 Ω is 125 W (program), with a wide frequency response from 50 Hz to 20 kHz (± 3 dB).

The speaker 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 10 ft (3 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 Grippler® 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 speaker is capped by a top cover, which conceals the wiring connections and suspension hardware for a clean, contoured appearance. Saros PD6T speakers are available in white ([SAROS PD6T-W-T-EACH](#)) or black ([SAROS PD6T-B-T-EACH](#)), and can be painted to blend with the surrounding architecture. They are priced and sold individually.

Specifications

Features & Performance

Woofer	6.5 in. (102 mm) polypropylene w/ring mode decoupled cloth surround & steel basket
Tweeter	0.75 in. (20 mm) titanium dome, horn loaded
Crossover Frequency	2.5 kHz
Impedance	8 Ω nominal with transformer set to 8Ω
Transformer Taps	3.75 W/7.5 W/15 W/30 W/60 W at 70V; 7.5 W/15 W/30 W/60 W at 100V
Frequency Response	50 Hz to 20 kHz (± 3 dB)

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Frequency Range	40 to 20 kHz (-10 dB)
Power Handling	125 W program (8 Ω)
Sensitivity	88.5 dB @ 1 W/1 m
Coverage	100° conical (nominal)

Connections

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

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

Temperature	-2° to 120°F (-19° to 49°C)
Humidity	5% to 95% RH (noncondensing)
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® 10 ft (3 m) wire rope hanger with attached snap hook and self-locking wire rope grip included

Dimensions

Height	10.49 in. (267 mm)
Diameter	11.07 in. (282 mm)

Weight

9.8 lb (4.5 kg)

Models

SAROS PD6T-B-T-EACH
Saros® 6.5 in. 2-Way Pendant Speaker, White Textured, Single

SAROS PD6T-W-T-EACH
Saros® 6.5 in. 2-Way Pendant Speaker, Black Textured, Single

Included Accessories

Sortname
Line Description
Included Quantity: #

Sortname
Line Description
Included Quantity: #

Available Accessories

For a list of available accessories, visit the [SAROS PD6T](#) product page.

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.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

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