

# SAROS SR6T

## Saros® 6.5" 2-Way Surface Mount Indoor/Outdoor Speaker

- > High-performance 2-way surface mount speaker
- > Designed for high reliability in both indoor and outdoor applications
- > 6.5" polypropylene woofer with damped cloth surround for tight, controlled bass and clear midrange
- > Optimized dual front ports for enhanced low-frequency response
- > Horn-loaded titanium dome tweeter for crisp, clear high end and enhanced pattern control
- > Built-in 60 Watt 70/100V multi-tap transformer
- > Rigid ABS plastic construction with powder coated aluminum grille
- > IPx4 splash-proof rated, weatherized construction
- > Versatile and easy-to-install "QuickBall" mounting system
- > Allows 360° rotation and continuously variable positioning
- > 150 Watts program power handling at 8 Ohms
- > 70 Hz - 18 kHz frequency range
- > 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 or residential 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 SR6T model is a 2-way surface-mount speaker featuring a 6-1/2 inch woofer and 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 an impressive 150 Watts (program), with a frequency range from 70 Hz to 18 kHz (-10 dB).

The Saros SR6T is smartly designed for quick and easy installation and years of reliable performance. Its clean, contoured enclosure achieves an attractive appearance in restaurants and night clubs, retail spaces, houses of worship, convention facilities, universities, office buildings, and custom homes. Weatherized construction allows for use in outdoor entertainment venues, decks, patios, locker rooms, and swimming pools.

Featuring a unique "QuickBall" mounting system, the Saros SR6T can be mounted to any solid flat surface with the ability to orient and aim the speaker in virtually any position. The QuickBall bracket achieves a very clean and stable installation using a tool-free ball-and-socket mechanism. Simply position the speaker as desired and flip the clamp lever closed. A security screw is included to deter theft by preventing the lever from being released.

The QuickBall mounting bracket can be mounted over a 1-gang US, UK, or European electrical box, allowing wiring to be run through the wall and exit cleanly through the included cover plate. It can also be mounted to a light pole or post using pole-mounting straps (not included). A rear rigging point is also provided for securing the speaker using the optional safety tether kit ([SPKA-ST-15](#)<sup>(1)</sup>).

Connecting the wire at the back of the speaker is facilitated using a detachable screw terminal block with provisions for easy parallel wiring in multi-speaker applications. A weather boot is included to protect the wiring connections from moisture. Setting the 70/100V transformer tap is done via a recessed screwdriver-adjustable control on the rear.

Saros SR6T speakers are available in white or black, and can be painted to blend with the surrounding architecture. They are priced individually, but must be ordered in pairs.

## 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, 90° conical horn loaded

**Crossover Frequency:** 2 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

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Frequency Response: 90 Hz to 16 kHz ( $\pm 3$  dB)  
Frequency Range: 70 Hz to 18 kHz ( $-10$  dB)  
Power Handling: 150 Watts program (8 Ohms)  
Sensitivity: 90 dB @ 1W/1m

## 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

## Controls

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

## Environmental

**Temperature:**  $-2^{\circ}$  to  $120^{\circ}$  F ( $-19^{\circ}$  to  $49^{\circ}$  C)  
**Humidity:** 5% to 95% RH (non-condensing)  
**Splash Resistance:** IPx4 rated per IEC 60529; withstands water splashing from any direction

## Construction

**Enclosure:** ABS plastic, textured finish, paintable  
**Grille:** Aluminum, powder coated, paintable  
**Mounting:** Surface mount to a solid flat surface with option to position over a flush-mounted 1-gang electrical box, 1-gang UK (BS 4662) electrical box, or 1-gang European (DIN 49073) electrical box; pole mount (straps not included); rigging point for safety tether (SPKA-ST-15 sold separately); theft-resistant security screw

## Positioning

**Yaw (Horizontal):**  $\pm 30^{\circ}$   
**Pitch (Vertical):**  $\pm 30^{\circ}$   
**Roll (Rotation):**  $360^{\circ}$

## Dimensions

**Height:** 11.19 in (285 mm)  
**Width:** 8.08 in (205 mm)  
**Depth:** 6.70 in (170 mm), 8.86 in (225 mm) with mounting bracket

## Weight

8.3 lb (3.8 kg)



Black model – shown with cover removed



White model – shown with cover installed

## QuickBall Mounting Bracket (included)



SAROS SR6T – Shown in White

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## MODELS & ACCESSORIES

### Available Models

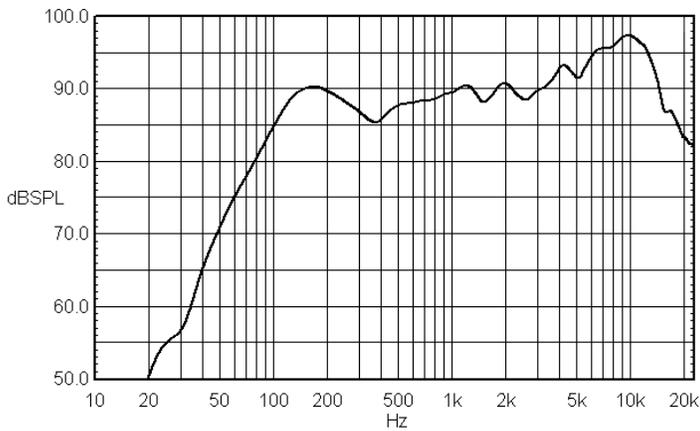
**SAROS SR6T-B-T-EACH:** Saros® 6.5" 2-Way Surface Mount Indoor/Outdoor Speaker, Black Textured, Single (must be ordered in multiples of 2)  
**SAROS SR6T-W-T-EACH:** Saros® 6.5" 2-Way Surface Mount Indoor/Outdoor Speaker, White Textured, Single (must be ordered in multiples of 2)

### Available Accessories

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

#### Notes:

1. Item(s) sold separately.



**SAROS SR6T – Frequency Response**

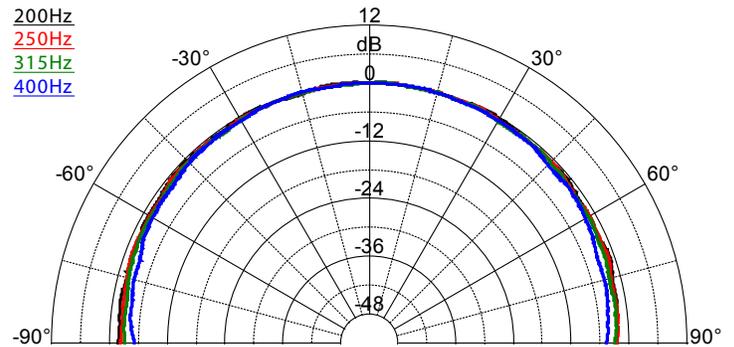
Crestron warrants to the original end purchaser that this Crestron Speaker Product, when purchased directly from Crestron or an authorized Crestron Dealer, will be free from defects in material and workmanship for the life of the product except for speaker grills and outdoor rated speakers, which are 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](http://www.crestron.com/salesreps) or by calling 800-237-2041.

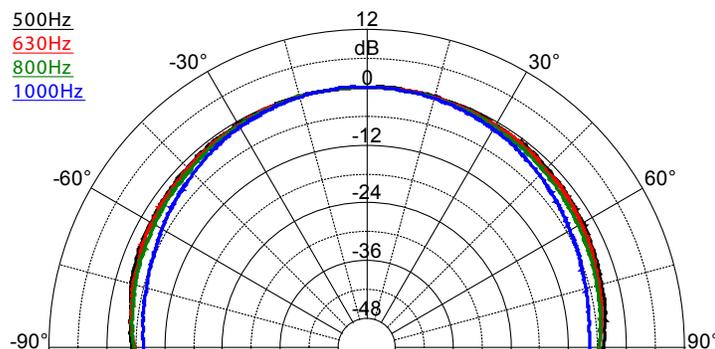
The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

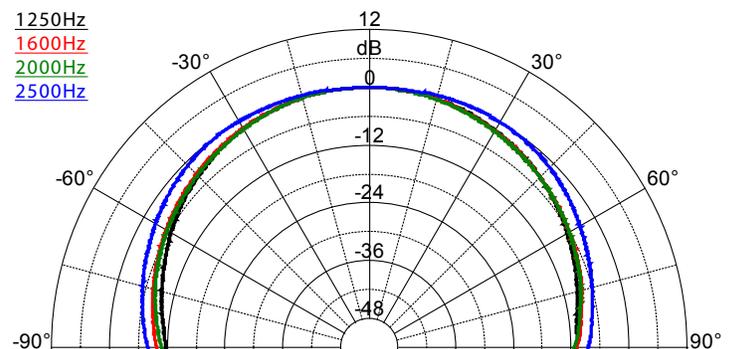
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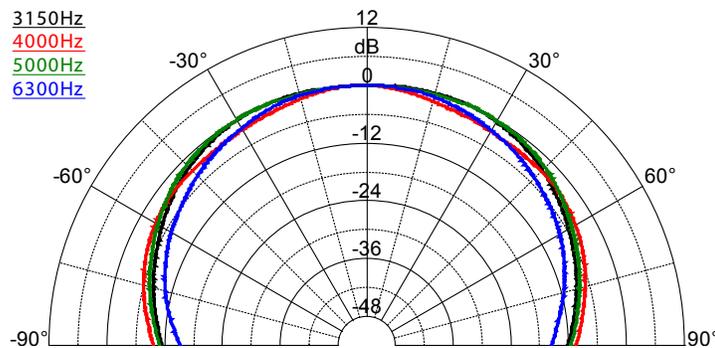
**SAROS SR6T – Dispersion Pattern, 200 Hz - 400 Hz**



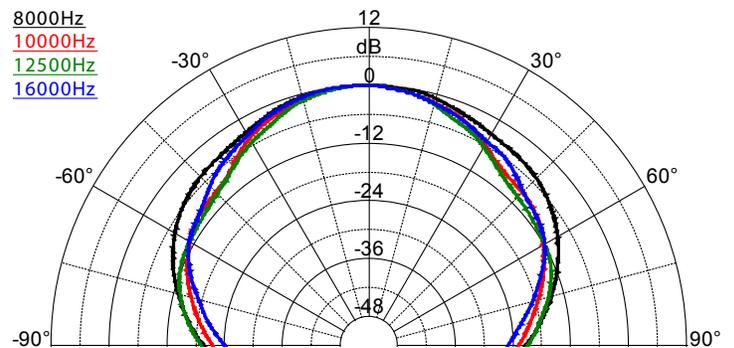
**SAROS SR6T – Dispersion Pattern, 500 Hz - 1000 Hz**



**SAROS SR6T – Dispersion Pattern, 1250 Hz - 2500 Hz**



**SAROS SR6T – Dispersion Pattern, 3150 Hz - 6300 Hz**



**SAROS SR6T – Dispersion Pattern, 8000 Hz - 16000 Hz**

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