

SERENIX PROFESSIONAL AUDIO

SR-TW6.5HS

6.5-inch two-way ceiling loudspeaker — 110° conical coverage, 60W RMS, 70V/100V transformer taps.

SR-TW6.5HS is a 6.5-inch two-way ceiling loudspeaker featuring a high-performance polypropylene woofer and a 1-inch silk dome tweeter for exceptional speech intelligibility and full-range music reproduction. A wide 110° conical coverage pattern lets fewer loudspeakers cover the same room, while 60W RMS handling with 70V/100V transformer taps (60/30/15/7.5W) and an 8Ω low-impedance bypass give it the flexibility to fit either constant-voltage or low-Z system designs.

Its low-profile, frameless thin-edge bezel enables seamless architectural integration, and a durable ABS baffle with powder-coated steel grille is built for long-term reliability in conference rooms, boardrooms, hospitality venues, educational institutions, and other commercial spaces.



60W	70/100V	90dB	107dB	110°
RATED RMS	TRANSFORMER	SENSITIVITY	MAX SPL	CONICAL COVERAGE

FEATURES

- 01Two-Way Coaxial Driver
- A 6.5-inch polypropylene low-frequency driver paired with a 1-inch silk dome tweeter for balanced, full-range audio.
- 03Flexible 70V/100V Taps
- Built-in line transformer with 60/30/15/7.5W taps, plus an 8Ω low-impedance bypass for either system topology.

- 02Wide 110° Conical Coverage
- Uniform dispersion ensures consistent coverage with fewer loudspeakers required per room.
- 04Frameless, Fast Install
- A magnetic, frameless thin-edge grille and dog-ear ceiling clamps enable a clean look and quick mounting.

SPECIFICATIONS

Type	2-Way Coaxial Ceiling Speaker
LF Driver	6.5" Polypropylene Woofer
HF Driver	1" Silk Dome Tweeter
Frequency Response	70Hz – 22kHz
Rated Power	60W RMS
Peak Power	120W
Sensitivity	89–90dB
Maximum SPL	107dB Continuous / 113dB Peak (approx.)
Coverage	110° Conical
Impedance	8Ω
Transformer	70V/100V
Transformer Taps	60W / 30W / 15W / 7.5W
Grille	Frameless Magnetic, Thin Edge
Baffle Material	ABS with Powder-Coated Steel Grille
Mounting	Dog-ear Ceiling Clamps

- SYSTEM COMPATIBILITY
- Constant-Voltage: 70V or 100V line, selectable taps.
- Low-Impedance: 8Ω direct bypass connection.
- Crossover: High-quality network for smooth LF/HF transition.
- CONSTRUCTION
- Baffle: Durable ABS construction.
- Grille: Powder-coated steel, corrosion resistant.
- Installation: Dog-ear clamps for secure, fast ceiling mount.

- APPLICATIONS
- Conference Rooms
- Boardrooms
- Classrooms
- Hotels & Restaurants
- Retail Stores
- Airports
- Hospitals
- Houses of Worship

All figures are nominal, per manufacturer data.