

SERENIX INSTALLATION SERIES

SR-TW6.5LS

6.5" coaxial ceiling speaker with transformer — five power taps, 150° conical coverage.

A commercial ceiling loudspeaker for large-scale PA installation. The two-way coaxial driver pairs a polypropylene cone and butyl rubber surround with a Kapton voice-coil former, high-temperature voice coil and aluminium coupling ring for low distortion and extended HF. Five power tapings at 100 V or 70 V — or direct 8 Ω operation — make it equally at home in schools, restaurants, hotels, stations and airports.

60 W	100 / 70 V	90 dB	107 dB	150°
MAX TAPPING	LINE INPUT	SENSITIVITY	MAX SPL	CONICAL COVERAGE



FEATURES

- 01

Coaxial two-way driver

Polypropylene cone, butyl rubber surround, Kapton former and aluminium coupling ring for low distortion and HF extension.
- 02

Five-step power tapping

7.5 / 15 / 30 / 60 W at 100 V, halved at 70 V, or direct 8 Ω connection.
- 03

150° conical dispersion

Wide, even coverage lets fewer units serve open ceilings for speech and background music.
- 04

Secure flush mounting

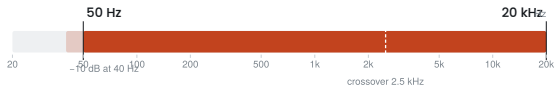
Removable locking 4-pin connector with screw-down terminals, metal grille and metal back can.

SPECIFICATIONS

Description	6.5" woofer, 0.98" tweeter
Rated power output	7.5 / 15 / 30 / 60 W at 100 V 3.75 / 7.5 / 15 / 30 / 60 W at 70 V
Line input	100 V or 70 V; 8 Ω
Frequency response	50 Hz–20 kHz (±3 dB)
Frequency range	40 Hz–20 kHz (–10 dB)
Crossover frequency	2.5 kHz
Conical dispersion	150°
Continuous SPL	97 dB
LF driver	6.5" minimum
HF driver	Coaxially mounted, 0.9" minimum
SPL (@ 1 W / 1 m)	107 dB
Sensitivity	90 dB @ 1 W / 1 m
Speaker unit	Coaxial PP two-way driver unit
Cut-out size	170 mm
Dimensions	203 (D) × 145 (H) mm
Material	ABS enclosure, metal grille and metal back can, white
Mounting	Flush mount, in-ceiling

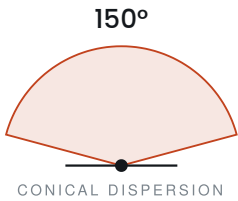
Dimensions and weight are nominal, per manufacturer data.

FREQUENCY RANGE



Solid band: ±3 dB response. Tinted: –10 dB extended range. Per published specification.

COVERAGE



APPLICATIONS

- Schools
- Restaurants
- Hotels
- Train stations
- Airports
- Background music
- Speech & paging