

SPCT8T

Features

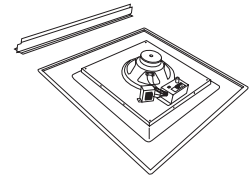
Speco Technologies' SPCT8T ceiling tile speaker is the perfect solution for commercial sound applications that require speed of installation, aesthetics and superior performance. Installation is quick and easy, requiring only the connecting of speaker wire to the unit's pushbutton terminals. A smooth vent façade design blends seamlessly within a commercial drop-ceiling environment, and provides an ample gateway for wide sound dispersion. Design is matched with high performance via a flat frequency curve and wide.

Specifications

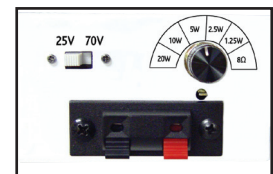
Frequency Response	50Hz – 20kHz (±3dB)
Woofer	8" Polypropylene
Woofer Magnet	10 oz. Ferrite
Tweeter	0.75" Mylar
Sensitivity	89dB (1W/1M)
Impedance	8 Ohms, 70/25V
RMS Power	30W
Max. Power	60W
Transformer Settings	20W, 10W, 5W, 2.5W, 1.25W & 8 Ohms
Baffle Material	High impact polystyrene
Grille Material	High impact polystyrene
Wire Connection Type	Press terminal
Minimum Mounting Depth	6.5"
Dimensions	23.78" (W) x 23.78" (L) x 4.94" (D)
Weight	7.26 lbs.
Included Accessories	2' rail for mounting in a 2'x4' ceiling grid



Support Rail Crossbar
(For use within 2'x4'
tile space only)



Rear View of Speaker



Architect & Engineer Specifications / SPCT8T

The loudspeaker system shall be Speco Technologies SPCT8T. System shall include a high performance 8" loudspeaker installed inside a High Impact Polystyrene front baffle designed to appear as an air vent.

The frequency response ($\pm 3\text{dB}$) shall be 50Hz – 20kHz.

Sensitivity shall be 89dB average.

Loudspeaker shall be comprised of an 8" cone type driver. Cone shall be constructed of polypropylene with a rubber surround. The 3/4" tweeter shall be constructed of Mylar. Magnet shall be Ferrite and a minimum of 10 oz.

Transformer shall be a 70.7V / 25V type with 1.25, 2.5, 5.0, 10 and 20.0 watt primary taps (@70.7V) with a rear mounted tap selector switch to include transformer bypass setting for 8Ω direct coupled operation.

The system shall be in a flame-retardant ABS Plastic enclosure HVAC design. To ensure fast installation, the system shall be sized to fit directly into a 2' x 2' ceiling tile grid, or into a 2' x 4' ceiling tile grid with assistance of mounting accessory.

External wiring shall be accomplished via press-terminals to provide both secure wire termination and fast installation of wires.

Seismic support eye shall be provided on side of enclosure for additional suspension point when used in drop tile ceilings.

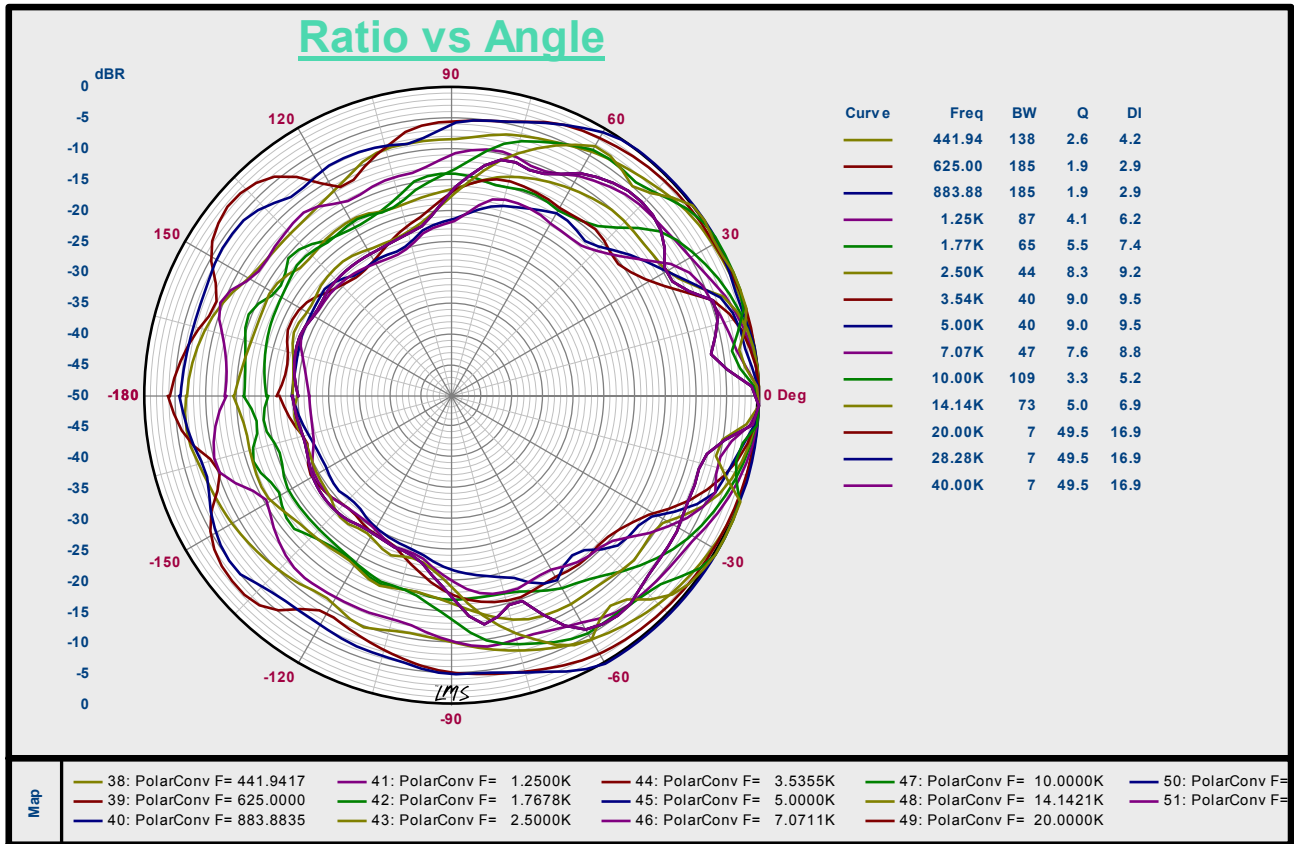
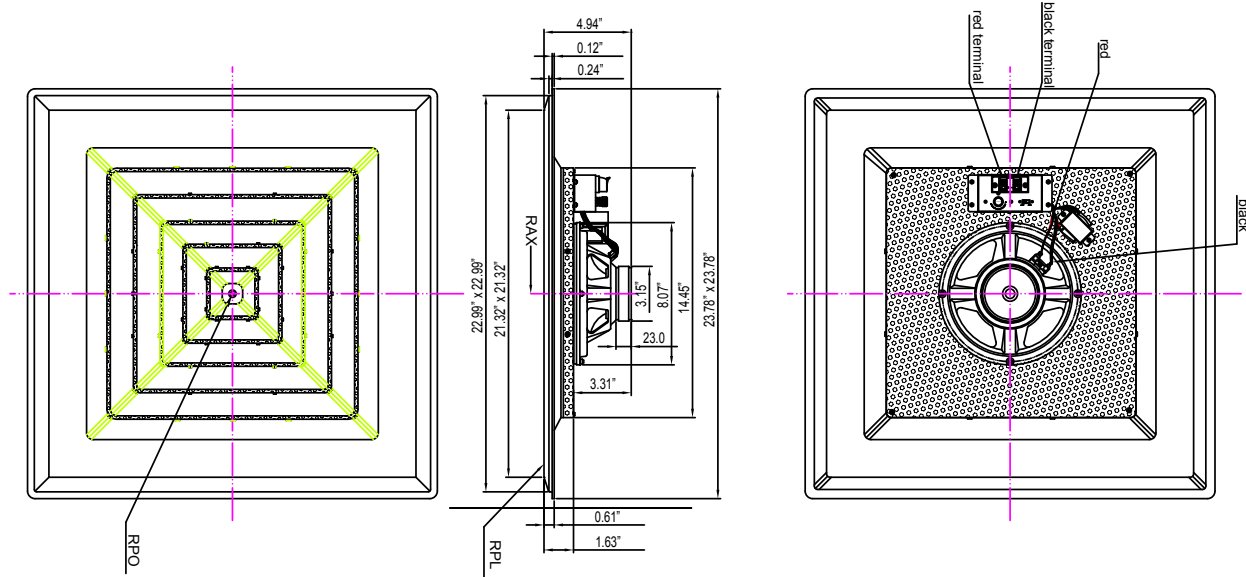
The mounting system shall be an included tile support rail for use on either 2' x 4' or 2' x 2' suspended ceiling tiles.

Overall front face diameter shall not exceed 11"; overall depth from the bottom of the ceiling shall not exceed 7.58".

Grilles shall be press-fit, manufactured from 24-gauge perforated steel mesh and finished in white epoxy. Round grill shall be 9.69" diameter.

The loudspeaker shall be the Speco Technologies SPCT8T.

Product Dimensions



Speco Technologies is constantly developing and improving products.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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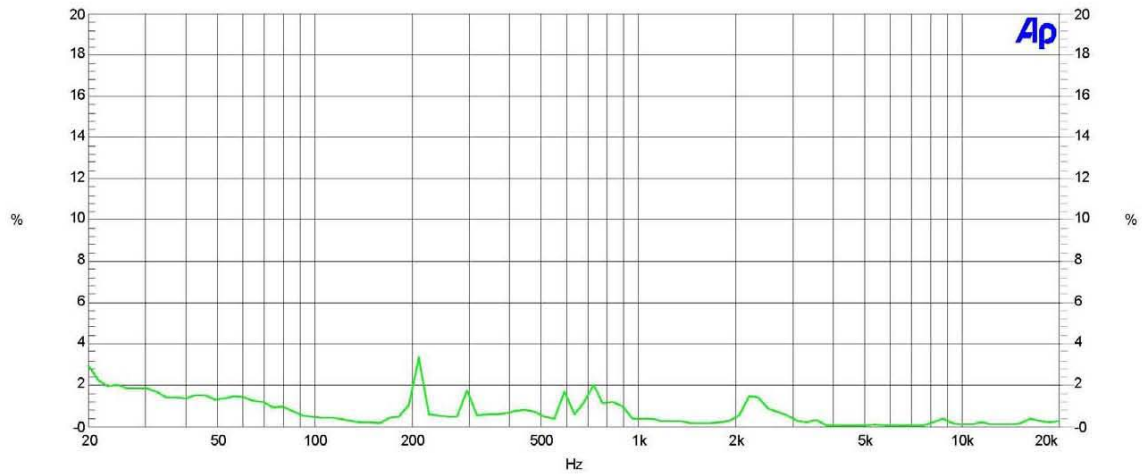
For more information contact Speco Technologies

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Audio Precision

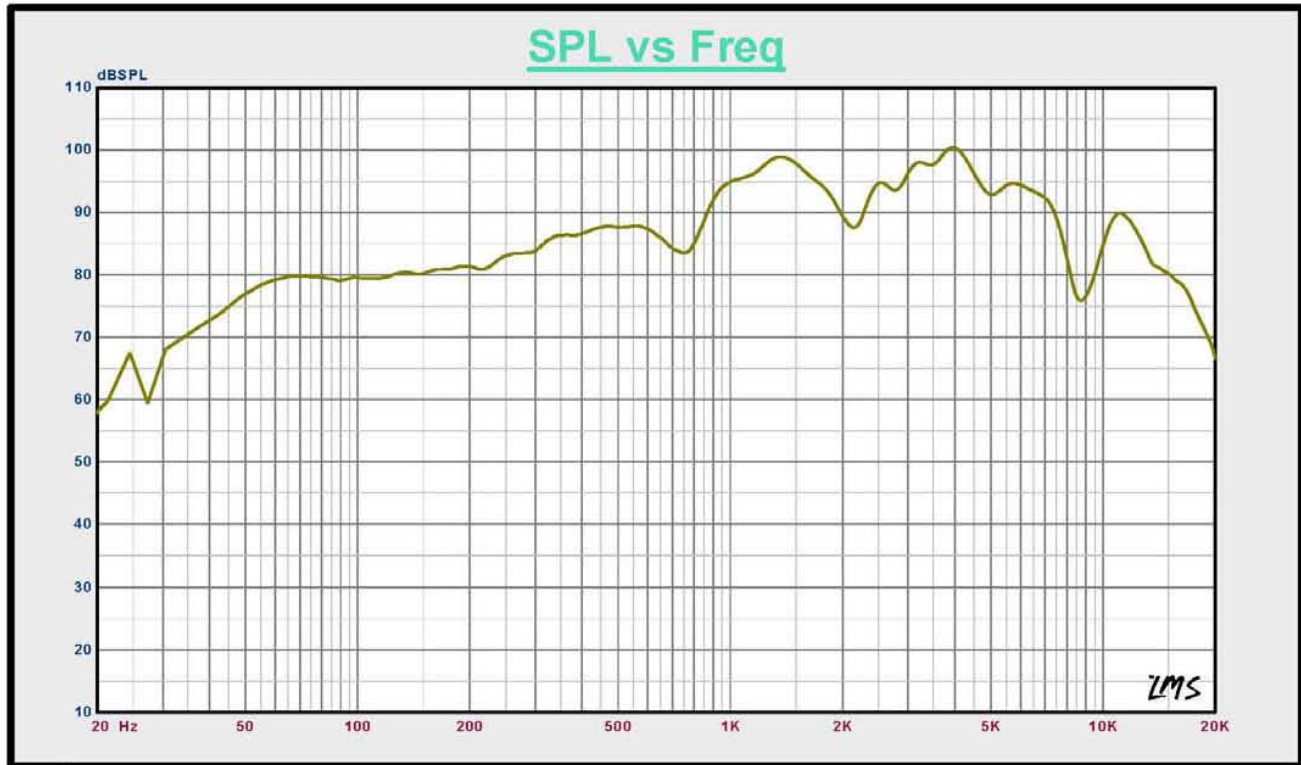
Total Harmonic Distortion

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Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Cyan	Solid	1	Anlr.THD+N Ratio	Left	
1	2	Green	Solid	1	Anlr.THD+N Ratio	Right	

8 Ohm SPK THD at 2c



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