PSUT8TE

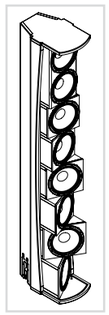
Hybrid-dispersion sound column Top Element





UPTURNED T series





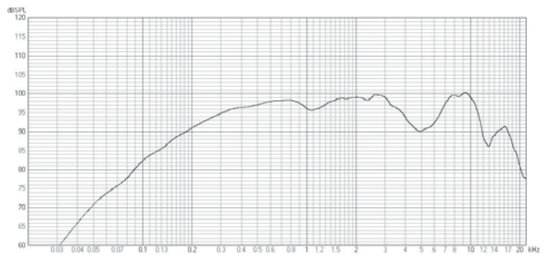
TECHNICAL FEATURES

Power handling RMS	**400 W**
Power handling Music	**800 W**
Power handling Peak	**1600 W**
Frequency response (-6 dB)	**140÷18k Hz**
Axial sensitivity (1W@1m)	**97 dB**
Continuous SPL (@1m / @16m)	**123 dB / 101 dB**
Peak SPL (@1m / @16m)	**129 dB / 107 dB**
Nominal impedance	**16 Ohm**
Horizontal coverage angle (-6 dB)	**140°** *(multi-angular loudspeaker design)*
Vertical coverage angle (-6 dB)	**15°** *(array effect)*

TRANSDUCERS

Sub system	**8 × 4" full range neodymium magnet**
Nominal impedance	**8 Ohm**
Nominal power handling (AES)	**50 W**
Sensitivity (1W@1m)	**92 dB**

FREQUENCY RESPONSE



DESCRIPTION

PSUT8TE is a stackable, 98-cm long, sound column speaker, with hybrid sound coverage. It is designed for sound reinforcement needing long throw and good intelligibility, so for multimedia installations, exhibitions or other shows, rehearsal rooms, multipurpose rooms, fair or congress areas, cinemas, places of worship, but especially as a portable system for musicians, bands or entertainers if driven by PSUTBASE/A active sub.

COMPONENTS

PSUT8TE model is made up of 8 x 4" full-range loudspeakers specifically designed for array installations with an optimized high-frequency efficiency. Moreover, the on-axis frequency response produced by this type of line source is nearly homogeneous thanks to a greater acoustic coupling at low frequencies.
The PSUT8TE sound column is distinguished by the mixed placement of the 8 loudspeakers (directed at 30°, 20°, 10° and 0° by sets of two, as regards the frontal axis, from the bottom). This solution (called *multi-angular loudspeaker design*) was achieved by accurate simulations starting with the measurement of the polar data of the individual speakers, carried out by the Sound Corporation R&D lab.

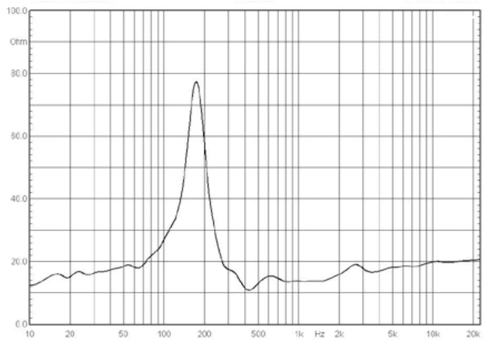
CABINET

The cabinet, made of Finnish birch, can withstand any type of mechanical oscillations without vibrating. The water-based paint used for the cabinets contains a textured component specially thought up to withstand damages due to abrasions, scratches, bumps, or high levels of humidity. On the bottom of the cabinet there is a solid hooking system and an interlocking *plug&play* connector (to receive power from the lower elements), which excludes the need for external cables. Black and white cabinets are customizable.

USE

PSUT8TE sound column can be used for different purposes. This particular model can be installed both alone on floor stand or on the wall (passive version, using the PSUT8-AC *jumper-SpeakON* converter) or combined with the "twin" speaker PSUT8AE, either in passive stacks (the accessories are the same) or in active stack configurations managed by the active subwoofer PSUTBASE/A. This latter configuration is particularly recommended for simultaneous use as main PA and stage fill.

IMPEDANCE RESPONSE

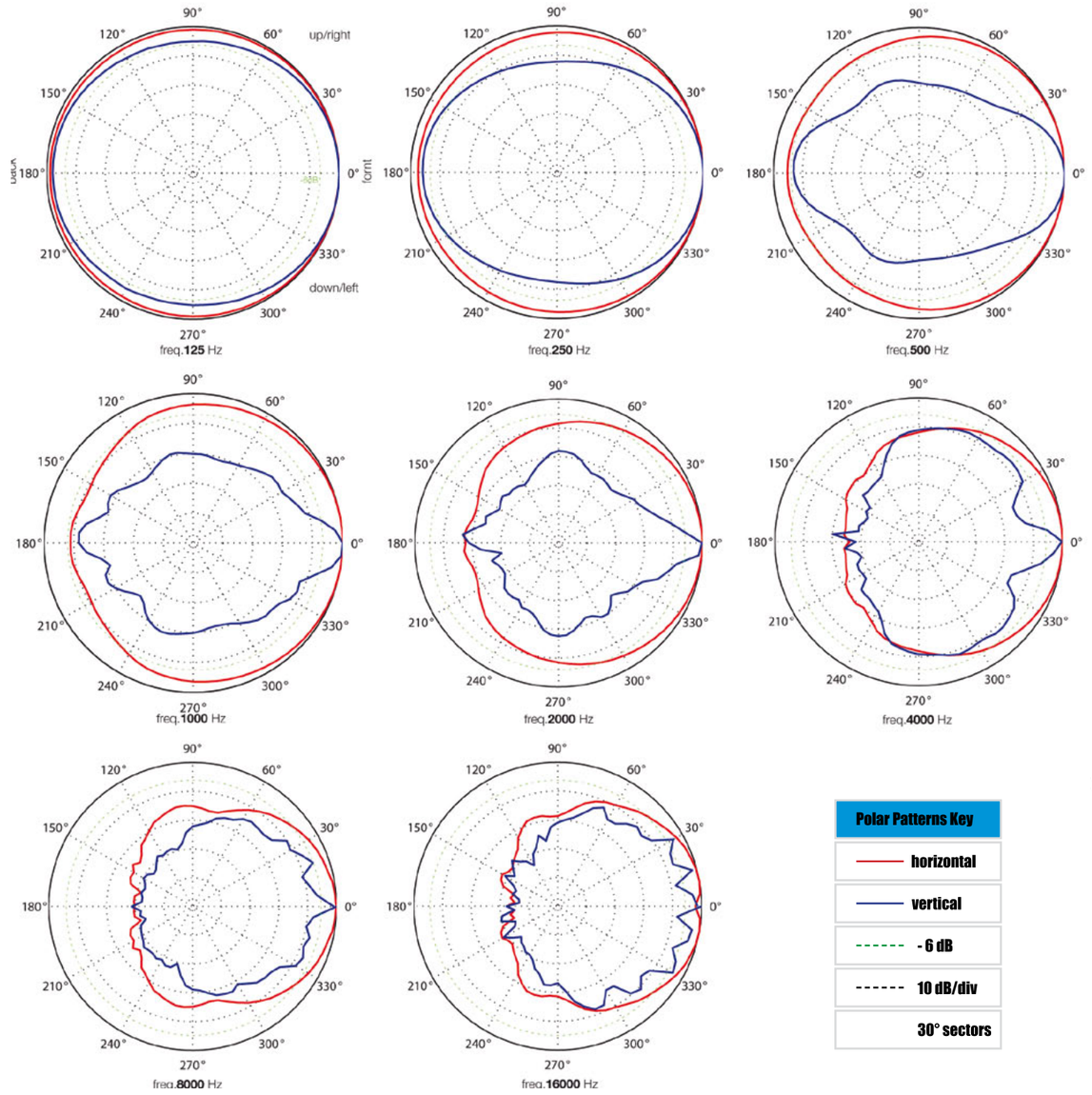


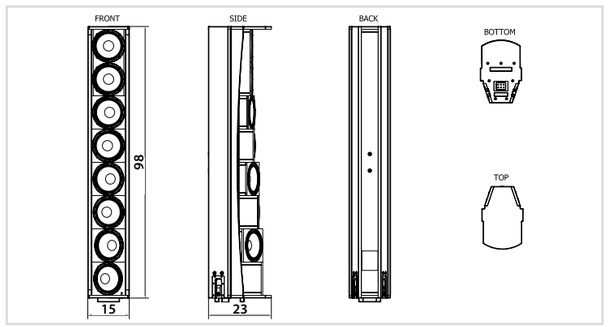
All measurements have been taken in Sound Corporation R&D laboratories

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PSUT8TE POLAR PATTERNS (normalized, ref on axis)





PHYSICAL

Cabinet	**birch plywood**
Colour	**black or white**
Input connectors	**direct connection to another UT element**
Finish	**water-based polyurethane varnish**
Grille	**black or white, perforated steel (Ø 6 mm) with acoustically transparent foam**
Suspension accessories	**STD-WUT8**
Dimensions (WxHxD)	**15 x 98 x 23 cm**
Net weight (kg)	**10**

In compliance with European Standards CE *- Certified by Italian Quality Institute*

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