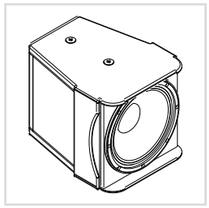
PSUT1

Stackable micro loudspeaker system







TECHNICAL FEATURES	
Power handling RMS	**50 W**
Power handling music	**100 W**
Power handling peak	**200 W**
Frequency response (-6 dB)	**160÷18k Hz**
Axial sensitivity (1W@1m)	**92 dB**
Continuous SPL (@1m)	**108 dB**
Peak SPL (@1m)	**114 dB**
Nominal impedance	**16 Ohm**
Horizontal coverage angle (-6 dB)	**100° horizontal**
Vertical coverage angle (-6 dB)	**100° vertical**

TRANSDUCERS	
Sub system	**1 × 4" full range neodymium magnet**
Nominal impedance	**16 Ohm**
Nominal power handling (AES)	**50 W**
Sensitivity (1W@1m)	**92 dB**

DESCRIPTION

PSUT1 is a lightweight, compact and modular micro-speaker that measures only 13 cm. This model was designed for sound reinforcement in pubs, restaurants, bars, stores, museums, public buildings, etc.
It is conceived as a single element that can be perfectly matched with PSUT8TE or PSUT8AE columns, and it can be used in clusters with up to 4 individually adjustable elements.

COMPONENTS

A single 4", full-range woofer with a neodymium magnet is mounted on the PSUT1 unit and then treated with waterproofing resins. This type of transducer produces a far more accurate sound in the central area of the audio spectrum (human voices, guitars, etc.) as compared to a 12" or 15" transducer that is found in standard 2-way speakers, thanks to the extreme reduction of intermodulation problems, thereby adding clarity to the significantly higher sound. This model is also remarkably light and small in diameter which makes it perfect for background music, in dance clubs, wine/lounge bars and HO.RE.CA.

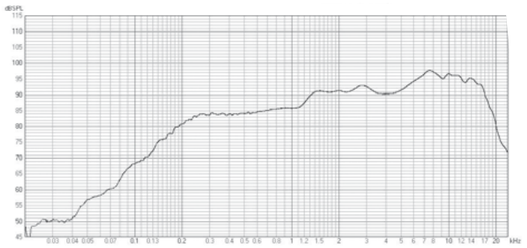
CABINET

The cabinet is designed to provide controlled directivity and therefore a perfect and uniform coverage of the area covered by the sound. The water-based paint used for the cabinets contains a textured component specially conceived to withstand damages due to abrasions, scratches, bumps, or high levels of humidity. The cabinet, made of Finnish birch, can withstand any type of mechanical oscillations without vibrating. It is available in any customized RAL colour against payment of a slight extra charge.

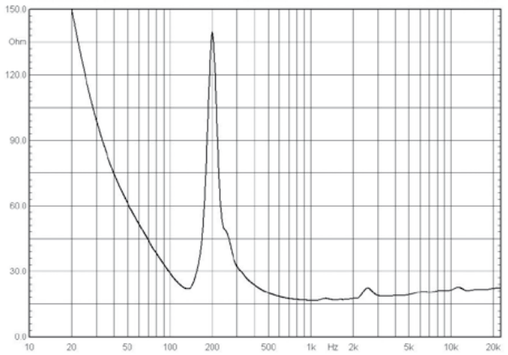
USE

PSUT1 can be used in wall-mounted clusters (up to *four* elements) with STD-WUT1 or STD-PSUT124 brackets (depending on the number of components). The combination of ultra-compact PSUTS subwoofers with single PSUT1 units, screwed directly to the subwoofer and installed either on the floor or suspended, is particularly successful and gives good performance at low frequencies.
Thanks to the ingenious PSUT1-ST110 floor stand, the configuration made up of 1 PSUT1 (or 2 units) and 1 PSUTS per channel extends the range of possible applications of these products, operating alongside the active stacks (sub + sound columns) as portable system for bands and entertainers as well as for use in demo rooms, multi-media installations for exhibitions or other events, wine bars and HO.RE.CA. venues.

FREQUENCY RESPONSE

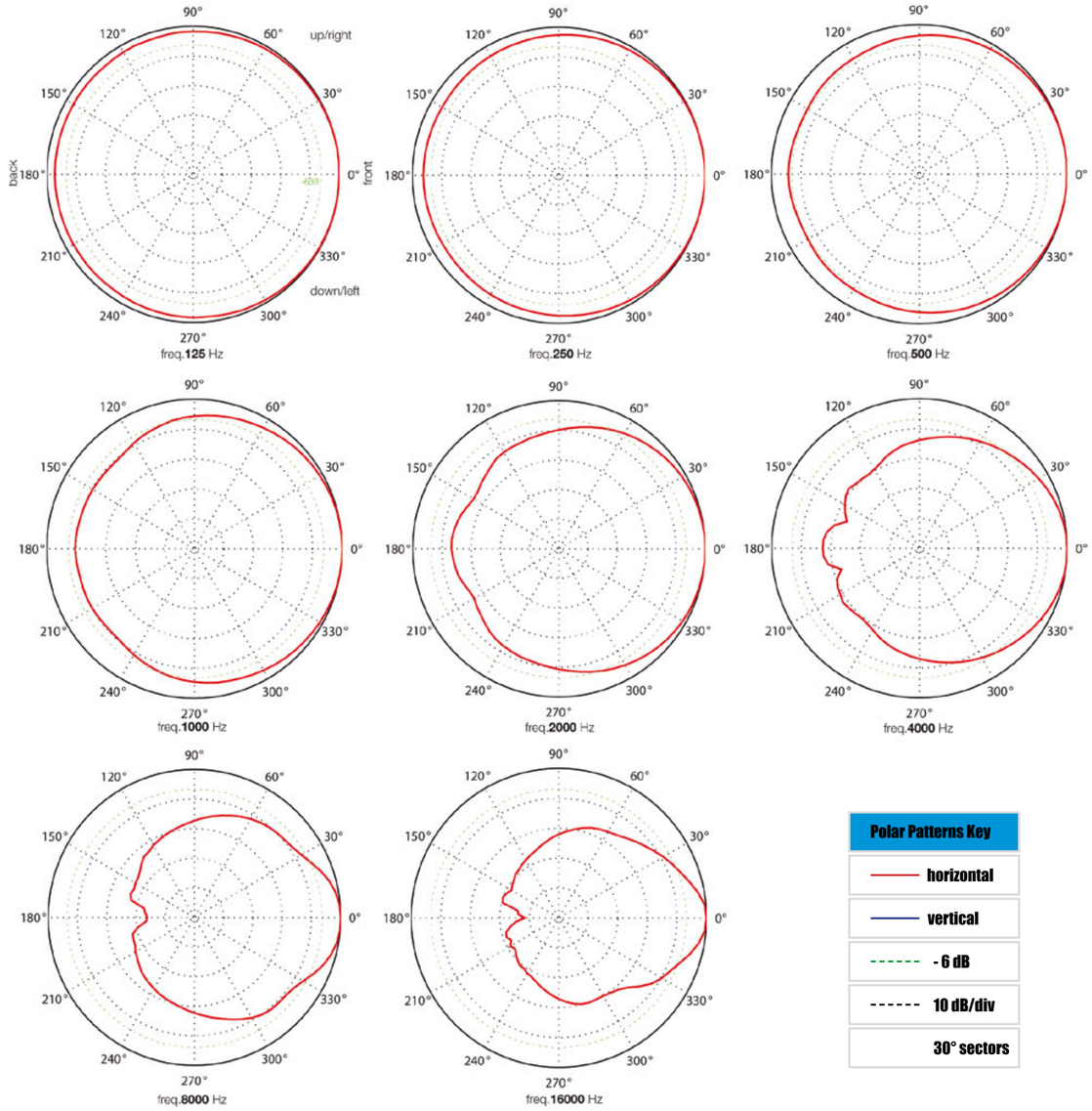


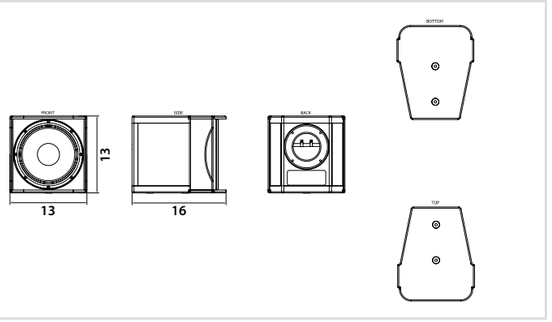
IMPEDANCE RESPONSE



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

PSUT1 POLAR PATTERNS (normalized, ref on axis)





PHYSICAL	
Cabinet	**birch plywood**
Colour	**black, white or any RAL on request**
Input connectors	**red/black spring terminals**
Finish	**water-based polyurethane varnish**
Grille	**black or white, perforated steel (Ø 6 mm) with acoustically transparent foam**
Suspension accessories	**STD-WUT1 or STD-PSUT124**
Dimensions (WxHxD)	**13 x 13 x 16 cm**
Net weight (kg)	**1.5**

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

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peecker sound® Via Monti Urali, 29 - 42122 Reggio Emilia (Italy) - Tel. +39 0522 557735 - Fax +39 0522 391268 - E-mail: info@peeckersound.com

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