PSUTBASE/A

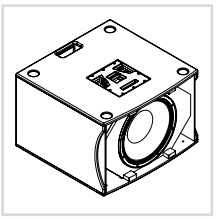
Active subwoofer, base for PSUT8AE or PSUT8TE



UPTURNED T series







DESCRIPTION

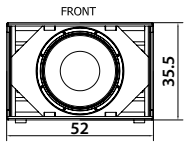
PSUTBASE/A is a self-powered *bass reflex* subwoofer and the ideal base for PSUT8TE and PSUT8AE elements in active stack formation or for single PSUT8TE with the proper stand holder (PSUT8-ST70). The resulting systems, both mono (1 *stack*) and stereo (2 *stacks*) are indicated for live music and especially for pop, jazz, rhythm&blues or unplugged rock.

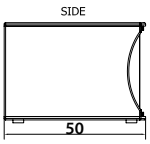
COMPONENTS

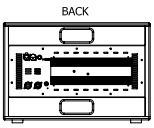
A 12" woofer with a high excursion and neodymium magnet is mounted on the PSUTBASE/A. The two channel amplifier (800 + 800 W, respectively dedicated to the sub and to the column system) provides the required power to achieve the maximum transducers excursion for an incomparable peak acoustic pressure (132 dB).
The quantity and quality of the low frequencies are optimised by the "collaboration" between the sub and the sound columns through a correct electronic alignment achieved with an internal DSP (24 bit/96 kHz) and by eliminating the problem of destructive interference between the various elements at its roots.

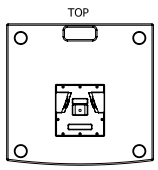
CABINET

The cabinet, made of Finnish birch, can resist any type of mechanical oscillations without vibrating. Thanks to the rigid assembly of all its interlocking components, the cabinet ensures an optimal coupling between the subwoofer and the PSUT8AE column (or the PSUT8-ST70 stand holder). The contacts are located on the physical interfaces of the stacked speakers, serving in this way as a guide for correct insertion. Two butterfly hinges are used to securely attach the system. Black or white cabinets are customizable.







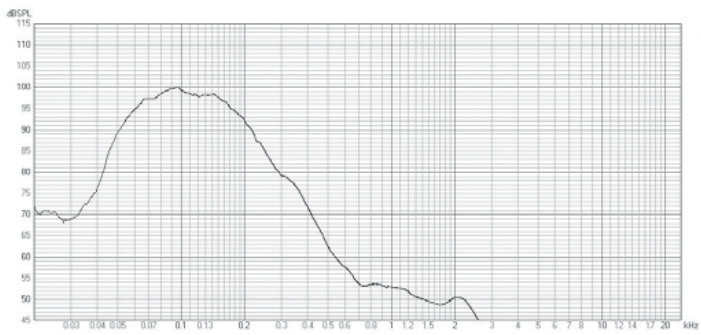


TECHNICAL FEATURES	
Power handling RMS	**400 W**
Power handling Music	**800 W**
Power handling Peak	**1600 W**
Frequency response (-6 dB)	**40÷160 Hz**
Axial sensitivity (1W@1m)	**99 dB**
Continuous SPL (@1m)	**126 dB**
Peak SPL (@1m)	**132 dB**

TRANSDUCERS	
Sub system	**LF 1 x 12" - neodymium magnet**
Nominal impedance	**8 Ohm**
Nominal power handling (AES)	**400 W**
Sensitivity (1W@1m)	**97 dB**

AMPLIFIER DATA	
Audio input	**XLR with loop through - max +10 dBu**
Panel indicators	**LED: power, signal/limit**
Panel controls	**preset selection switches, level control**
DSP processing	**24 bit/96 kHz (4 sel. presets)**
Amplification power for PSUTBASE/A	**800 W - class D**
Amplification power for PSUT8TE or PSUT8AE+PSUT8TE	**800 W - class D**
Efficiency	**> 90% typical**
Protection systems	**over current, temperature, brownout, mains**
Power supply	**switching technology**
AC power connector	**Neutrik® powerCON with loop through**
AC power operating range	**automatic 115/230 VAC ± 10%, 45/65 Hz**

FREQUENCY RESPONSE



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

PHYSICAL	
Cabinet	**birch plywood**
Colour	**black or white**
Finish	**water-based polyurethane varnish**
Grille	**black or white, perforated steel (Ø 6 mm) with acoustically transparent foam**
Dimensions (WxHxD)	**52 x 35.5 x 50 cm**
Net weight (kg)	**23**

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

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