

compact

lightweight

powerful

versatile



## PS10 LOUDSPEAKER

### PRODUCT FEATURES

High power system (127dB Peak SPL @ 1m) with 10" LF and 1" HF drivers.

Rotatable asymmetrical horn and unique cabinet architecture ensure versatility; user adaptable for both PA and stage monitoring applications.

Two-way passive 8 Ohm design uses a single amplifier channel for simpler installation and lower cost.

Sophisticated control electronics ensure reliable, linear operation.

Supported with a full range of mounting and flying accessories.

### PS10 SYSTEM APPLICATIONS

Touring, installed PA for clubs, A/V, theater, broadcast, etc.

High quality stage monitoring for clubs, A/V, theater, broadcast, etc.

Fill-in system in conjunction with larger Nexo PS/Alpha systems.



### PS10 System Components

- ▶ PS10 Loudspeaker
- LS500 Subwoofer
- PS10 TDController
- PS10 Amplifier

The PS10 Loudspeaker can be safely driven with over 500 Watts of amplifier power, yet it is only half the weight and volume of standard trapezoidal systems. The dispersion, architecture and weight balance of the PS10 Loudspeaker are designed to provide both exceptional PA and stage monitor performance from a single product without compromise. This flexibility is realized by a proprietary constant directivity asymmetrical dispersion horn, easily rotated in four positions by the user. Coupled with the horn's unique progressive horizontal (50° to 100°) and vertical (55°) dispersion, the most suitable pattern can be selected for vertical or horizontal PA usage or wedge monitoring. The 2-way passive 8 Ohm design uses a single amplifier channel to deliver bi-amped performance for less money, space and complexity.

The PS10 Loudspeaker System is the foundation of Nexo's acclaimed PS Series; versatile, compact, full-range loudspeakers tailored for a wide range of touring and installed sound reinforcement applications. Like all Nexo products, the PS10 Loudspeaker and optional LS500 Subwoofer are designed to work with advanced electronic processors, guaranteeing consistent performance and reliability of the highest standard.

PS10's compact size, enormous sound and reconfigurable horn make it the perfect solution for almost any application.



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PRODUCT FEATURES

Table with 2 columns: Component/Feature and Specification. Includes details for LF/ HF drivers, dimensions, weight, connectors, construction, and fittings.

SYSTEM SPECIFICATIONS PS10 with PS10 TDController

Table with 2 columns: Specification and Value. Includes Frequency Response, Usable Range, Sensitivity, Nominal Peak SPL, HF Dispersion, Directivity, Crossover Frequencies, Nominal Impedance, and Recommended Amplifiers.

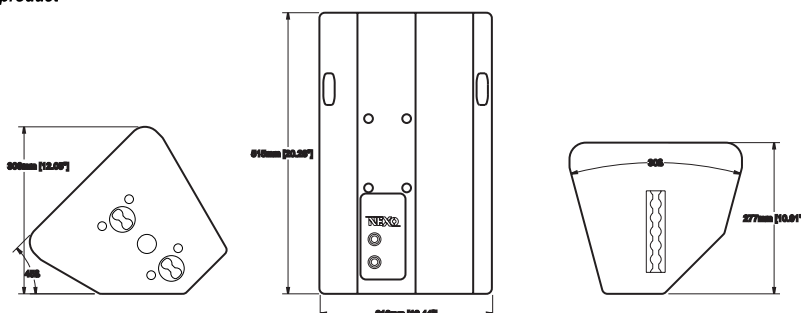
SYSTEM OPERATION

Table with 2 columns: Operation Detail and Description. Covers Electronic Controller, Dispersion configuration, Subbass, and Speaker Cables.

SHIPPING & ORDERING

Table with 2 columns: Shipping/Ordering Detail and Description. Includes Packaging, Shipping Weight & Volume, and Accessories.

As part of a policy of continual improvement, NEXO reserves the right to change specifications without notice. [a] Response curves & data : Anechoic Far Field for the PS10 + PS10TD. Half-Space Anechoic radiation for the LS500 + PS10TD. [b] Sensitivity & Peak SPL data : these will depend on spectral distribution and crest factor of program material. Measured with band limited Pink Noise. Nominal refers to Voice Decade (300 Hz - 3 kHz), Wideband to the specified ±3dB range. Data are for speaker + processor + recommended amplifier combinations. Peak SPL is at clipping of recommended amplifier. [c] Directivity curves & data : obtained by computer treatment on off axis response curves.



LIMITED WARRANTY

Nexo loudspeakers and electronics are covered against defects in workmanship or materials for a period of two (2) years from the original date of purchase. At the option of Nexo, the defective item will be repaired/replaced with no charge for materials/labor. The item is to be adequately packaged and dispatched, pre-paid, to a Nexo authorized distributor/service center. Unauthorized repair shall void the warranty. This Nexo warranty does not cover cosmetics or finish and does not apply to any items which in Nexo's opinion have failed due to user abuse, accidents, modifications or any type of misuse.

PS10 LOUDSPEAKER

NEXO is one of the world's leading sound reinforcement loudspeaker manufacturers. Founded in 1979, the company is dedicated to crafting practical solutions with solid engineering. Each new design begins with a proprietary sophisticated computer simulation process that allows every parameter to be extensively modelled and simulated, leading to breakthrough cost and performance gains.

Nexo's comprehensive product line includes loudspeakers, analogue and digital control electronics and amplification; all designed to deliver consistent sound quality and long-term reliability for a broad range of applications. Continuing research drives all new product development to deliver on our promise; Sonic Innovation That Works.

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SONIC INNOVATION THAT WORKS