

compact

lightweight

powerful

versatile



## PS 15 TDCONTROLLER

### PRODUCT FEATURES

Precision circuits engineered for the PS15/PS15BASS/LS1200 systems permit increased sound pressure and operational reliability

User configurable for passive or active (bi-amp) operation of the PS15 Loudspeaker.

Servo controlled VCEQs provide precise dynamic control without spectral imbalance

2 inputs and 3 outputs enable a single PS15 TD MkII to manage multiple PS15, PS15Bass and LS1200 products.

Comprehensive indicators and controls

### PS15 SYSTEM APPLICATIONS

High power touring, installed PA for clubs, A/V, theater, broadcast, etc.

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

Fill-in system in conjunction with Nexo Alpha systems.

PS15's flexible architecture, high power handling and reconfigurable horn make it the perfect solution for almost any application.



### PS15 System Components

PS15 Loudspeaker

LS1200 Subwoofer

PS15 Bass

▶ PS15 TDController

The PS15 TDController MkII is an advanced analogue processor that allows the PS15 Loudspeaker and optional PS15Bass and LS1200 Subwoofers to achieve exceptional performance from such compact packages. The PS15 TD MkII provides crossover, sensed amplifier control and system equalisation optimised for the PS15, PS15Bass and LS1200. The PS15 TD MkII also features user selectable passive or active (bi-amp) operation of the PS15 Loudspeaker. One PS15 TD MkII has two inputs and three outputs, including summed sub out, minimising installation cost and complexity. Like all Nexo processors, the PS15 TD MkII provides precision dynamic, voice coil temperature and diaphragm displacement protection through the use of selective Voltage Controlled Equalisers (VCEQs), reducing levels only at frequencies when and where necessary.

The PS15 Loudspeaker System is the most powerful member 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 PS15 Loudspeaker and optional PS15Bass and LS1200 Subwoofer are designed to work with advanced electronic processors, guaranteeing consistent performance and reliability of the highest standard.



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PRODUCT FEATURES

Audio Inputs	Two L&R Audio inputs. Electronically balanced, 36 kOhm. Two XLR-3F connectors.
Sense Inputs	Three Amplifier Sense Inputs, 180 kOhm. 6 Pole Removable Strip Terminal. Passive Mode, PS15 L&R, LS1200). Active Mode, PS15 LF and HF, LS1200.
Audio Outputs	Three audio outputs. Electronically balanced, 50 Ohm. Three XLR-3M connectors. Passive Mode, two PS15 L&R, one Mono (L+R) LS1200. Active Mode, one PS15 LF, one PS15HF, one Mono (L+R) LS1200
Controls	Front panel: Overlap/Crossover switch, Two Bass EQ trimmers (+/- 3 dB), Three Peak Limiter Adjust trimmers. Three Gain trimmers (+/- 6dB). Back panel: Gain switch (back panel), 3 positions for Amps with Gain : -6 / 0 / +6 dB. Internal: Active/Passive Mode switch. Three Protection trimmers.
Indicators	Speaker Protect LED's. Amp Sense & Peak LED's. Active Mode LED. Power ON LED.
Dimensions	1U 19" Rack. 210mm (8.5") Depth
Weight :	3.3 kg (7.3 lbs) net

SPECIFICATIONS

Output Level	+20 dBm Max. +19dBm Max on 1kOhm
Noise	-88 dBm (22 Hz - 22 kHz, UnWeighted)
THD+N	< 0.03% Typ. 0.05 Max for +18dBm Output
Power Supply	110/220 Volts (internal wiring), 50/60Hz. Earth-Lift (back panel)

SYSTEM OPERATION

Applicable Products	The PS15 TDController MkII is precisely matched to the PS15, PS15BASS & LS1200 cabinets and includes sophisticated protection systems. Use of either product without a properly connected Controller will result in poor sound quality and may damage the components.
Subbass	Active two-way operation of the PS15 Loudspeaker in passive mode or three-way operation in active mode with the LS1200 Subwoofer is included in the PS15TD MkII.

SHIPPING & ORDERING

Packaging	PS15TD MkII's are sold as single items and multiples thereof.
Shipping Weight & Volume	1 x PS.15UTD = 3.85 kg (8.47 lbs) 0.02 cu m (0.71 cu ft)

As part of a policy of continual improvement, NEXO reserves the right to change specifications without notice.



PS15 TDCONTROLLER

**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.

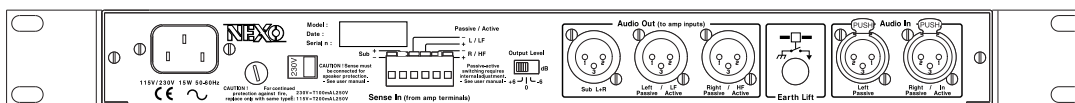
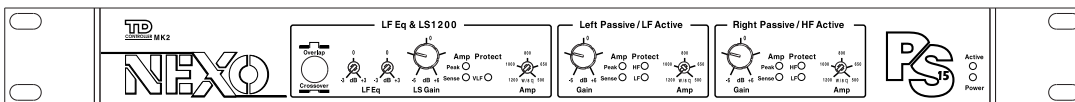
Nexo's comprehensive product line includes loudspeakers, analogue and digital control electronics and amplification; all designed to deliver consistent sound quality and long-term reliability for a broad range of applications. Continuing research drives all new product development to deliver on our promise;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

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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.

