



DIGITAL DTDAMP 4x0.7
4 x CH AMPLIFIER

DIGITAL DTDAMP 4x1.3
4 x CH AMPLIFIER

4 channel amplifiers perfectly matching NEXO DTD Controller.

The new range of NEXO four channel amplifiers offers an ideal companion to the Digital TD Controller, both for touring and fixed installation.

DTDAMP main features

- Two models of high-power, lightweight four channel amplifiers.
- Perfect match for the NEXO speakers supported by the DTD Controller.
- High-efficiency Switch Mode power supply and Amplifier channel design.
- Channels can be independently bridged two by two.
- Four Inputs on XLR connectors and four Outputs on SP-4 connectors.
- Extensive protection (Mains over/undervoltage, temperature, DC outputs, current and voltage peak limiters, variable speed cooling system).

The DTDAMP range is composed of two models of four channel amplifiers housed in a 1U rack and weighting only 7.5 Kg.

Matching The DTD Controller

The DTD Controller offers a very efficient solution for processing most of the Nexo Speakers, from the ID series to our world famous PS15.

When used with a DTDAMP you are sure to get all the necessary power for your NEXO speakers, while this combo offers both a coherent look and ease of use.

Lightweight technology

A pair of DTD + DTDAMP will weigh together less than 10 Kg, while being able to process and power system composed, for example, of 2 x NEXO Speakers + 2 x NEXO subs.

This performance is due to the use of high-density and highly integrated components together with high-efficiency design (smaller heatsinks) for power supply/power amplifier parts.

Road & Racks Ready

The DTDAMP offers all the sensor and protection that are mandatory for a professional touring amplifier, such as mains over/under voltage, Over-voltage or DC output on each channel, short circuit etc.

The variable speed cooling system will assure a quiet and cool amplifier while the front to back cooling system ensure compatibility inside racks where both DTDAMP and our high-end NXAMP are used together in large installations.

Nothing to configure

Once your NEXO Speakers are selected in your DTD Controller, you can use your DTD + DTDAMP system in most situations without any further adjustments to the settings.

When used with the Nexo DTD controller the DTDAMP is the perfect solution for "Dry" hire or where the user has a limited knowledge but still allowing the best possible result from the Nexo speaker system.



DTD Controller + DTDAMP: input/output patch bay, processing and 5 kW of power in a 2U light rack.

DTDAMP

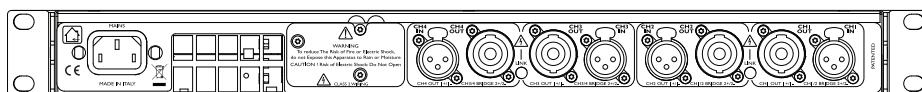
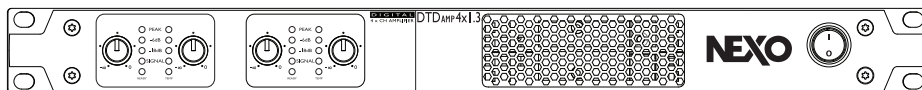
Four Channels Amplifiers Data Sheet

NEXO

DIGITAL DTDAMP 4 x CH AMPLIFIER

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 modeled 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.

	DTDAMP4x0.7		DTDAMP4x1.3	
POWER SPECIFICATIONS				
Number of channel	4 x amplifiers channel, 2 by 2 bridgeable			
Max. output voltage (no Load)	4 x 85 Volts		4 x 135 Volts	
Max. output power (4 x 8 Ohms)	4 x 360 Watts		4 x 750 Watts	
Max. output power (4 x 4 Ohms)	4 x 700 Watts		4 x 1300 Watts	
Max. output power (2 brigde x 8 Ohms)	2 x 1400 watts		2 x 2600 watts	
AUDIO CHARACTERISTICS				
Frequency response	+/- 0.5 dB from 20 Hz to 20 kHz			
Input impedance	10 kOhms			
Input sensitivity	+5 dBu		+8 dBu	
Nominal Gain	32 dB			
Dynamic Range (A-weighted)	> 110 dB			
THD+N	Typical 0.01%			
BACK PANEL FEATURES				
Analog audio inputs	4 x balanced analog inputs on XLR			
Power outputs	4 x SP4 outputs			
Link switch	To use same XLR input for 2 x adjacent channels			
Mains sockets	IEC C14 Inlet with secure lock			
FRONT PANEL FEATURES				
Switch and knobs	Mains On/Off switch and volume control knob per channel			
View meters	4 x LEDs (signal / -18 dB / -6 dB / Peak) per channel			
Amplifier status	Amp Ready and Temperature indicator per channels pairs			
MAINS REQUIREMENTS				
Mains voltage	Factory set for 120 volts of 230 volts mains operation			
Power consumption (Idle)	65 Watts			
Power consumption 1/8 max. / 4 Ohms	580 Watts		900 Watts	
Power consumption 1/4 max. / 4 Ohms	1100 Watts		1800 Watts	
PHYSICAL SPECIFICATIONS				
Dimensions (W x H x D)	480 (W) x 44 (H) x 370 (D) mm, 19 inches / 1U			
Weight	7.5 kg			
Operating temperature range	0°C - 45 °C			
CERTIFICATIONS				
CE conformity	2006/95/CE (Low voltage) 2004/108/CE (EMC) 2002/95/CE (RoHS)			
Electrical safety certification	CSA, CB, EN60065			
EMC certification	EN55103-1 / EN55103-2 / FCC			
ORDERING INFORMATION				
Pre-configured for 230 volts mains	DTDAMP4x0.7C		DTDAMP4x1.3C	
Pre-configured for 120 volts mains	DTDAMP4x0.7U		DTDAMP4x1.3U	



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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/labour. The item is to be adequately packaged and dispatched, pre-paid, to a NEXO authorised distributor/service centre. Unauthorised repair shall void the warranty. The NEXO warranty does not cover cosmetics or finish and does not apply to any items which in NEXO's opinion have failed due to used abuse, accidents, modifications or any type of misuse. All images and text herein are the property of NEXO SA, and deemed accurate, although specifications are subject to change without notice.