

# nEX Series

## Professional compact network eco-amplifier

nEX2-400	4 Ω /Stereo 2 x 300W
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nEX2-600	4 Ω /Stereo 2 x 450W
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nEX2-1000	4 Ω /Stereo 2 x 750W
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nEX2-2400	4 Ω /Stereo 2 x 1800W
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nEX4-400	4 Ω /Stereo 4 x 150W
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nEX4-600	4 Ω /Stereo 4 x 225W
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nEX4-1200	4 Ω /Stereo 4 x 450W
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nEX4-1800	4 Ω /Stereo 4 x 675W
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nEX4-2400	4 Ω /Stereo 4 x 900W
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■ **Tough 1U rack steel enclosure**

While maintaining weight saving, the amplifier enclosure has not been compromised.

■ **Universal input voltage**

The EX and nEX power amplifiers are designed with a universal power supply operating from 100 to 240V AC.

■ **Lightweight design**

Weighing in at 4kg to 5.8kg, the power to weight ratio of the EX and nEX amplifiers is exceptional, especially in mobile set-ups.

■ **Auto-standby**

Another plus in the eco environment. The amplifiers will automatically go in to ‘standby mode’ when there is no signal, ensuring efficiency when the amplifier is in idle.

■ **Ethernet/Lan and AES-67**

Monitoring of the nEX amplifiers is simple with just an ethernet cable and control software. Additionally connection of the nEX to your networked audio set-up is possible with AES-67 compatibility.

■ **Color LCD display**

The nEX series are fitted with a large 2.2 inch colour LCD display, allowing you to quickly and easily navigate all the settings available on the built-in DSP.



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### Product Features

- Multiple set-up modes : stereo, parallel / mono and bridged.
- Selectable input gain : 0.775v and 32dB (26dB)
- Balanced XLR inputs and 4 pole industry standard speaker output connectors.
- Built in limiter to prevent output clipping
- DC protection circuitry
- Unique short-circuit protection
- Thermal and under voltage protection

### Product Parameters

Model	nEX2-400		nEX2-600		nEX2-1000		nEX2-2400	
Rated Power (THD=1%, continuous sine 1kHz, simultaneous operation of each channel)	8Ω/Stereo	2 x 200W	2 x 300W	2 x 500W	2X1200W			
	4Ω/Stereo	2 x 300W	2 x 450W	2 x 750W	2X1800W			
	8Ω/Bridge	1 x 600W	1 x 900W	1 x 1500W	1X3600W			
RMS Output Voltage (THD=1%, 1kHz)		40.0V	49.0V	63.2V	98V			
Input Sensitivity & Gain		0.5–2.0Vrms selectable (rated output power, 1kHz, 8Ω)						
Distortion + Noise		Typical Value: 0.05% (10% rated output power, 1kHz, 8Ω)						
Crosstalk Suppression		≥ 75dB (below rated power, 20Hz–1kHz, 8Ω)						
Frequency Response		Typical Value: ± 0.5dB (10% rated output power, 20Hz–20kHz, 8Ω)						
Input Impedance		20kΩ (balanced), 10kΩ (unbalanced)						
Damping Coefficient		Typical Value: 1000 (20Hz–200Hz, 8Ω)						
Signal to Noise Ratio		≥ 100dB (A-weighted, 20Hz–20kHz, 8Ω)						
Power Requirements		100–240 VAC(±10%), 50/60Hz						
Protection Function		Overheating threshold, overload protection, output DC protection						
Dimension		483 × 45 × 299mm						
Net Weight		4.0kg	4.2kg	4.3kg	5.4kg			

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DC protection circuitry  
Unique short-circuit protection  
Thermal and under voltage protection

### Product Parameters

Model	nEX4-400		nEX4-600		nEX4-1200		nEX4-1800		nEX4-2400		
Rated Power (THD=1%, continuous sine 1kHz, simultaneous operation of each channel)	8Ω/Stereo	4 x 100W	4 x 150W		4 x 300W		4 x 450W		4X600W		
	4Ω/Stereo	4 x 150W	4 x 225W		4 x 450W		4 x 675W		4X900W		
	8Ω/Bridge	2 x 300W	2 x 450W		2 x 900W		2 x 1350W		2X1800W		
RMS Output Voltage (THD=1%, 1kHz)		28.3V	34.6V		49.0V		60.0V		69.3V		
Input Sensitivity & Gain			0.5–2.0Vrms selectable (rated output power, 1kHz, 8Ω)								
Distortion + Noise			Typical Value: 0.05% (10% rated output power, 1kHz, 8Ω)								
Crosstalk Suppression			≥ 75dB (below rated power, 20Hz–1kHz, 8Ω)								
Frequency Response			Typical Value: ± 0.5dB (10% rated output power, 20Hz–20kHz, 8Ω)								
Input Impedance			20kΩ (balanced), 10kΩ (unbalanced)								
Damping Coefficient			Typical Value: 1000 (20Hz–200Hz, 8Ω)								
Signal to Noise Ratio			≥ 100dB (A-weighted, 20Hz–20kHz, 8Ω)								
Power Requirements			100–240 VAC(±10%), 50/60Hz								
Protection Function			Overheating threshold, overload protection, output DC protection								
Dimension			483 × 45 × 299mm								
Net Weight		4.5kg	4.8kg		5.2kg		5.2kg		5.8kg		