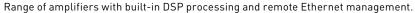
NPA series

NPA4000T

amplifiers



An AMIC digital signal processing module and a remote Ethernet management module are built into all NPA series amplifiers, allowing them to be controlled and supervised from any PC on the network where they are installed-or even from a remote location via the Internet.

The EclerNet manager application is the control tool for this amplifier series. With this software application, users can configure each amplifier's built-in DSP processor (gain, crossovers, parametric EQ with 10 filters, delay, compressor/limiter, etc.) as well as control and supervise the status of individual amplifiers, amplifier groups, individual amplifier channels and amplifier channel groups.

Key features

- Two available models: NPA2500T and NPA4000T
- SPM TECHNOLOGY (Switching Power Mosfet)
- Analogue and digital inputs (AES/EBU)
- LCD screen and local controls on front panel
- Built-in AMIC DSP module
- Built-in EclerNet remote control module (including control over all AMIC DSP functions + supervision and control over alarms, protections, temperature, load impedance, output power, AC power supply, amplifier groups and/or channels, output power limiter, system log, etc.)
- Cooled with variable-speed fan that adjusts to the internal temperature
- Built-in anti-clip system
- Soft start
- Built-in RJ45 (Ethernet) and RS-232 (CRESTRON®, AMX®, EXTRON®, etc.) remote control ports
- Speakon® outputs
- Height: 3 rack units

NPA power fa	st guide	NPA2500T	NPA4000T	
POWER 20-20kHz	2Ω Stereo	1650 WRMS	2840 WRMS	
1% THD (Both channels driven)	4Ω Stereo	1150 WRMS	1910 WRMS	
	8Ω Stereo	695 WRMS	1120 WRMS	
	8Ω Bridged	2290 WRMS	3800 WRMS	









Tech. Characteris	ati⊂s	NPA2500T	NPA4000T	
POWER 20Hz-20kHz 1% THD	2α Stereo	1650 WRMS	2840 WRMS	
	4Ω Stereo	1150 WRMS	1910 WRMS	
	8Ω Stereo	695 WRMS	1120 WRMS	
	8Ω Bridged	2290 WRMS	3800 WRMS	
Peak Power 2Ω/1kHz	_	3850 WRMS	6200 WRMS	
Overall Voltage Gain		26/32/38 dB	26/32/38 dB	
Frequency response (-1dB, -3dB)	6Hz-37kHz	6Hz-37kHz	
THD + Noise @ 1kHz Fu ll power		<0.04%		
S+N/N 20Hz-20kHz @ 1W/4Ω		>84dB		
Damping factor 1kHz @ 8Ω		>350		
Channel Crosstalk @ 1kHz		>80dB		
Input connectors		XLR3 bal	lanced	
Input CMRR/ref. Max. PWR		>60dB@	1kHz	
Signal present indicator		-40dB		

	NPA25001		NPAHOOOT	
Output connectors		Speakon®		
Anticlip limiter		3 level DSP controlled		
Mains		Depending on your country. See charact, in the back of the unit.		
Power consumption (pink noise, 1/8 power @ 4ohm) (pink noise, 1/3 power @ 4ohm)		70	2500VA 3800VA	
Dimensions Panel		482.6x132.5mm		
Depth		532mm		
Weight	31.2kg		35.8kg	

Applications

- Live sound (possibility of in-place WiFi management from a laptop)
- Fixed installation
- Integration in global facility control systems
- Large PA systems and zones with high number of speakers (high power direct over a 100 V line without additional transformers)
- Facilities requiring supervision, diagnostics and adjustments from remote locations (via LAN or Internet)



