

ProTone A44D

FOUR CHANNEL POWER AMPLIFIER WITH DSP



▼ Specifications

Amplifier				
Number of channels	4, Class D			
Peak output voltage	141 V			
Max. output current	60 A			
Output Power	2,66 ohm	4 ohm	8 ohm	16 ohm
Output power CEA-2006 / 490A (1% THD, 1 kHz, all channels driven)	3500 w	2800 w	1400 w	700 w
Peak output power	7000 w	5600 w	2800 w	1400 w
Audio specifications				
Distortion THD+N (20 Hz - 10 kHz)	< 0.010% (at 8 Ω, 60 W output power) < 0.015% (at 4 Ω, 120 W output power)			
Signal To Noise Ratio	>112 dBA			
Frequency response	20 Hz - 20 kHz, ± 0.05 dB (at 8 Ω, 60 W output power) 20 Hz - 20 kHz, ± 0.05 dB (at 4 Ω, 120 W output power)			
Gain	37 dB			
Connectors and Switches				
Power	Neutrik PowerCon 32 A			
Input connectors	3-pin XLR, electronically balanced			
Output connectors	speakON NL 8 pins , 2 speakON NL 4 pins			
Power				
Power supply	"Power Supply with Power Factor Correction (PFC)			
Operating voltage, 230 V / 30A	140-250 V (50 - 60 Hz)			
Dimensions (W/H/D)	483x88x440mm			
Weight	14.4 kg			

DSP	
Module input mixer	4 ch.Mix any ratio between all input routers.
Input processing	Parametric 10 band input equalizers
Output processing	Linear phase or Classic crossovers, Parametric 10 band EQ, shelving filters
Features	Delay, Mute, Phase, Gain, Limiter.
Conversion resolution	24-bit
Internal Sample Rate / Data path	192/96 kHz / 32 bit fixed point
Maximum available user delay	2 seconds
Inputs and Outputs	2 inputs analog, 1 AES/EBU[AES3] input, 6 outputs analog
Dynamic range, inputs	114 dB
Supported resolutions	Up to 24-bit
Supported sample rates	18- 192 kHz
Remote control and monitoring Network connection	Dual-port Ethernet Gigabit interface
ProTone LM (Loudspeaker manager)	remote control software

ProTone

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