

DIGITAL POWER AMPLIFIERS

D Series

Digital Power Amplifiers | D4120 | D4320

Combining massive power output with absolute spatial efficiency, this series of sophisticated four-channel amplifiers is engineered to meet the stringent demands of modern sound reinforcement. The D Series comprises the D4120 and D4320 models, both utilising advanced Class D amplification technology to deliver high-performance output within a remarkably compact 1U chassis design. Built for high-reliability applications, these amplifiers incorporate a comprehensive protection suite that safeguards the system against short circuits, DC offset, overload, overheating, ultrasonic frequencies, RF interference, and voltage peak limits. Equipped with XLR active balanced inputs and four Neutrik speakON NL4 output sockets, they offer robust, high-fidelity operation across a diverse spectrum of projects. Whether deployed for portable AV systems, live sound reinforcement, commercial installations, or professional cinema environments, the D4120 and D4320 provide the definitive blend of dense multi-channel power and long-term stability where rack space is at a premium.



APPLICATIONS

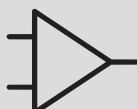
A/V Portable	Music Reproduction	Pro Audio Installs
Commercial Cinema Applications	Installed Sound reinforcement	



FEATURES



Chassis Design



Class D Amplifier



Amplifier



speakON Outputs

* Terms & Condition Apply

SPECIFICATIONS

MODEL	D4120	MODEL	D4320
Output Power Stereo (RMS)	4 x 700W @ 8ohm 4 x 1150W @ 4ohm	Output Power Stereo (RMS)	4 x 2000W @ 8ohm 4 x 3250W @ 4ohm
Bridge Mode (RMS)	2 x 1400W @ 16ohm 2 x 2300W @ 8ohm 2 x 3000W @ 4ohm	Bridge Mode (RMS)	2 x 4000W @ 16ohm 2 x 6600W @ 8ohm 2 x 8400W @ 4ohm
Frequency Response	10Hz - 20KHz / 30.35dB	Frequency Response	10Hz - 20KHz / 30.35dB
THD+N (20Hz-20KHz)	0.5% @ 8Ω 1KHz	THD+N (20Hz-20KHz)	0.5% @ 8Ω 1KHz
S/N Rate(20Hz -20 kHz)	>100dB	S/N Rate(20Hz -20 kHz)	>100dB
Slew Rate	>30v/Qs	Slew Rate	>30v/Qs
Damping Factor	> 3000 (8 Ohm) 20Hz to 100Hz	Damping Factor	> 3000 (8 Ohm) 20Hz to 100Hz
Voltage Gain	39.7dB (0,775V:75V)	Voltage Gain	45dB (0,775V:127V)
Input Sensitivity	0.775V,1V,1.4V,2V	Input Sensitivity	0.775V,1V,1.4V,2V
Input Impedance	10KΩ Balanced / 20KΩ Unbalanced	Input Impedance	10KΩ Balanced / 20KΩ Unbalanced
Input Connectors	XLR Active balanced Pin1 Ground / Pin2 + / Pin3 -	Input Connectors	XLR Active balanced Pin1 Ground / Pin2 + / Pin3 -
Output Connectors	4 x Neutrik NL4 Sockets	Output Connectors	4 x Neutrik NL4 Sockets
Protection	Short-Circuit, DC, Overload, Overheat, Ultrasonic, RF, Voltage Peak Limit	Protection	Short-Circuit, DC, Overload, Overheat, Ultrasonic, RF, Voltage Peak Limit
Operating Voltage	110V/220V available	Operating Voltage	110V/220V available
Fuse	F-20A	Fuse	F-20A * 2
Output Power (Nonclipped)	2000 W	Output Power (Nonclipped)	5000 W
Amplifier Class Type	Class D	Amplifier Class Type	Class D
Dimensions (H x W x D)	45 x 483 x 420 mm (1U)	Dimensions (H x W x D)	45 x 500 x 420 mm (1U)
Net Weight	8Kg	Net Weight	11.5Kg
Gross Weight	9.3kg	Gross Weight	15.5kg

