

XDA-3004

QUAD CHANNEL CLASS D POWER AMPLIFIERS

DESCRIPTION :

The Ahuja XDA-3004 is a 1200W Class-D PA power amplifier with a toroidal transformer power supply. Three selectable modes of operation ie.

, Individual, Dual and ALL. 1200 Watts rated output from each channel.



FEATURES :

- Four Channel Class D Power Amplifier.
- 1200 Watts rated output from each channel .
- Three selectable modes of operation ie., Individual, Dual and ALL.
- Built-in Limiter ON/OFF circuit.
- Toroidal Transformer power supply.
- Two selectable input sensitivities.
- Built-in Amplifier Protection system: DC offset, HF, Short circuit, Thermal, Overload, Overvoltage & Clip Monitoring.
- Rack mountable in 3U Size.
- BIS approved.

SPECIFICATIONS :

Continuous Rated Power Stereo/Mono	8Ohm : 700W + 700W + 700W + 700W RMS, 4Ohm : 1200W + 1200W + 1200W + 1200W
THD + N	< 0.1%
Frequency Response (-1dB)	20-20,000Hz
Power Bandwidth (0.5% THD)	20-20,000Hz
Input Sensitivity	0dBu (775mV) & 4dBu (1.23V) (Selectable)
Input Impedance	10k Unbalanced, 20k Balanced
Signal to Noise Ratio	> 100dB
Channel Separation	> 65dB at 1kHz
Damping Factor (8Ohm)	>1000
Slew Rate	20V/us
Protections	Temperature, DC, RFI, Short Circuit, Overload, Overvoltage, Built-in Limiter (ON/OFF)
Input Connectors	4×XLR, Stereo Phone Jack 6.3mm

Output Connectors	Speakon 4-Way for each channel
Cooling	4 × Variable Speed DC Fan with Temperature Sensing
Front Panel Controls	4×41 Step Level Attenuators
Indicators	Power ON/AC Mains Protection, Signal, Clip, Temperature, Protect (Ch. A, B, C & D)
Power Consumption (Rated)	5620W; 6460va @ 220-240V ~ 50/60Hz
Dimensions	W482 × H126 × D540mm
Weight	28.50kg

Specifications from the official Ahuja catalogue. Issued for customer reference.

