AHUJA
PUBLIC ADDRESS SOLUTIONS
Hallmark of Reliability!

XDA-5002

Dual Channel Class D Power Amplifier

DESCRIPTION :

The Ahuja XDA-5002 is a 1800W Class-D dual channel class d power amplifier with a toroidal transformer power supply.

FEATURES :

- Dual Channel Class D Power Amplifier.
- 1800 + 1800 Watts rated output.
- 80Hz/120Hz Low Pass Filter.
- 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, Over voltage & Clip Monitoring.
- Compact 2U Size.
- BIS approved.

SPECIFICATIONS :

Continuous Rated Power Stereo/Mono	8Ohm : 1100W + 1100W RMS, 4Ohm : 1800W + 1800W RMS
THD + N	< 0.1%
Frequency Response (-1dB)	20-20,000Hz
Low Pass Filter	80/120Hz @ 24dB per octave
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 (8W)	>1000
Slew Rate	20V/us
Protections	Temperature, DC, RFI, Short Circuit, Overload, Overvoltage, Built-in Limiter (ON/C
Input Connectors	2×XLR, Stereo Phone Jack 6.3mm
Output Connectors	Speakon 4-Way and heavy duty Binding Post for each channel

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Cooling	2 × Variable Speed DC Fan with Temperature Sensing
Front Panel Controls	2×41 Step Level Attenuators
Indicators	Power ON/FAULT, Signal, Clip, Temperature, Protect (Ch. A & B)
Power Consumption (Rated)	5500VA @ 220-240V ~ 50/60Hz
Dimensions	W482 × H104 × D438mm
Weight	21.50kg Approx.

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