

D-1100Z, D-1025Z

CLASS D POWER AMPLIFIER

PCB'S ANTI-CORROSION POWER AMPLIFIER INDUSTRIAL GRADE



D-1100Z DUAL-CHANNEL 1000W POWER AMPLIFIER (PCB'S ANTI -CORROSION)

D-1025Z DUAL-CHANNEL 250W POWER AMPLIFIER (PCB'S ANTI -CORROSION)

D-1100Z is Dual Channel 1000W Class D amplifier and **D-1025Z** is Dual Channel 250W Class D amplifier . This Dual Channel amplifier is purpose-built for industrial and rugged environments. With conformal-coated PCBs for anti-corrosion protection, it delivers reliable performance even at 46°C room temperature.

Supporting 2Ω to 8Ω speaker loads and a wide input range of 80–260VAC, it ensures stable operation in demanding conditions. A fixed gain DIP switch provides easy input alignment for seamless integration.

Durable, efficient, and powerful — ideal for tough applications.

Technical Specifications

	D-1100Z	D-1025Z
Power Sources	60VAC - 260VAC	60VAC - 260VAC
Stereo Output	2x 1000W @ 80hm 2x 1700W @ 40hm 2x 2890W @ 20hm	2x 250W @ 80hm 2x 425W @ 40hm 2x 723W @ 20hm
Power Consumption (A) @ Peak	10.53A	10.53A
Input Sensitivity Options	0.775V@41dB / 1.125V@38dB / 1.414V@35dB / 2.25V@32dB	0.775V@41dB / 1.125V@38dB / 1.414V@35dB / 2.25V@32dB
Total Harmonic Distortion (THD)	0.01%(10% rated output Power @1khz@8ohm)	0.01%(10% rated output Power @1khz@8ohm)
Signal to Noise Ratio - S/N	>105dBA (20hz - 20khz, 80hm)	>105dBA (20hz - 20khz, 80hm)
Frequency Response	20Hz - 20Khz +/- 0.5dB	20Hz - 20Khz +/- 0.5dB
Input impedance	Balance 20k Ohm / Unbalance 10k Ohm	Balance 20k Ohm / Unbalance 10k Ohm
Slew Rate	> 20v / μs	> 20v / μs
Power Delay	4 seconds	4 seconds
Input Terminal	XLR input x 2 / XLR Link x 2	XLR input x 2 / XLR Link x 2
Output Terminal	SPEAKON Connector	SPEAKON Connector
Dimension	483MM (W) x 44MM (H) x 370MM (D)	483MM (W) x 44MM (H) x 370MM (D)
Weight	8.46 kg	8.00 kg

