

# ID Series

ID 1000 | ID 2000 | ID 3000

## 2 - Channel light weight Class D Amplifier Housed in a sleek 1U Chassis Design

  
LCD Display  
for Indicators

  
Space Saving  
1RU Design

  
Power Factor  
Correction

  
Better Heat  
Resistance



## Features

- Stable Class D Power Amplifier built on Switch Mode Power Supply for a low AC current draw
- Proprietary Rail Switching circuit for better load matching
- Power Factor correction ensures a stable unit load and reduced harmonic distortion
- 4-Layer Heat & Temperature Protection & Dust Entry Resistant Design
- 1U Low Depth Rack-space Models for a compact & powerful performance

The ID Series amplifiers are engineered for commercial contractors that need high definition amplification in a space & energy saving unit.

The series consists of 3 Channel Power Amplifiers delivering between 500W - 1500W @ 4 Ohms, per channel.

The ID series delivers excellent sound quality owing to British Acoustics proprietary method of building a Class D amplifier which makes the amplifier suitable for use in a wide range of applications.

The Indication screen on the front panel indicates critical factors such as AC Voltage, Fan Speed, Heat Protection Stage, Temperature and Failure notifications

At the back, the ID series allow access to its built in crossover settings to dedicate an amplifier for subwoofer or Mid-High frequencies. Users can also adjust the input sensitivity of the amplifier between 0.7 to 1.4V.

The ID series amplifiers has a dedicated protection section to reduce failures largely. A central protector board detects faults ranging from thermal to voltage mismatches and triggers pre-programmed diagnosis codes for quick redressal.

The ID series is the perfect match for small-mid sized venues for their PA applications. With its compact design & enhanced safety features it can ably compliment House of Worships, Stadiums, Arenas and more

	ID 1000	ID 2000	ID 3000
(Both Channels Driven)		Output power per channel	
Stereo Mode 8Ω (20Hz - 20kHz)	350W	650W	1000W
Stereo Mode 4Ω (20Hz - 20kHz)	500W	1000W	1500W
(Single Channels Bridged)		Output power per channel	
Bridge Mode 8Ω (20Hz - 20kHz)	1000W	2000W	3000W
Signal to Noise Ratio 8Ω (20Hz - 20kHz)	100 dB	100 dB	100 dB
Distortion	< 0.01%	< 0.01%	< 0.01%
Input Sensitivity at 8Ω	1.2 V rms		
Voltage Gain	40x (32 dB)	50x (34 dB)	64x (36 dB)
Circuit Design	Class D	Class D	Class D
Power Requirements(1/8 power, pink noise at 4 ohms 120V)	6.0 A	6.3 A	9.2 A
Frequency Response	20 Hz - 20 kHz , +0, -1 dB		
Dynamic Headroom (4 Ω)	2 dB		
Input Impedance	Greater than 20 kΩ (balanced)		
Input Connectors	3-pin XLR balanced		
Output Connectors	Speakon		
Front Panel Controls and Indicators	Gain controls, Red Clip LEDs, Green SIGNAL LEDs, threshold 35 dB below clipping, Blue POWER LEDs, AC on		
Amplifier Security	Short circuit open circuit thermal, RF protection Load protected against DC faults		
Limiters	Built-In 2 layered Peak Limiting		
Dimensions	ID 1000	ID 2000	ID 3000
Rackspaces	1U		
Width	19"		
Depth	14.25"		
Net Weight	6.5kg		
Shipping weight	8.5kg		
Shipping dimension	3" X 17" X 21"		
Power Draw	ID 1000	ID 2000	ID 3000
	AC amps		
1/8th Power, Pink Noise	4.1	3.3	6.7
1/3rd Power, Pink Noise	6.1	8.5	13.3
Power Supply	High Output Toroidal Transformer Based Power		