

MODEL PA1 SERIES



- **POWER AMPLIFIER UNIT**
- **DIFFERENTIAL INPUT**
- **GAIN SWITCH**
- **DIFFERENTIAL OUTPUT**

The PA1 SERIES is, at its core, a 300W class D Power Amplifier, capable of up to 40dB gain across frequencies up to 250kHz. It is specially designed for high frequency sonar applications which demand high peak power and complete silence when receiving. It comes in either a

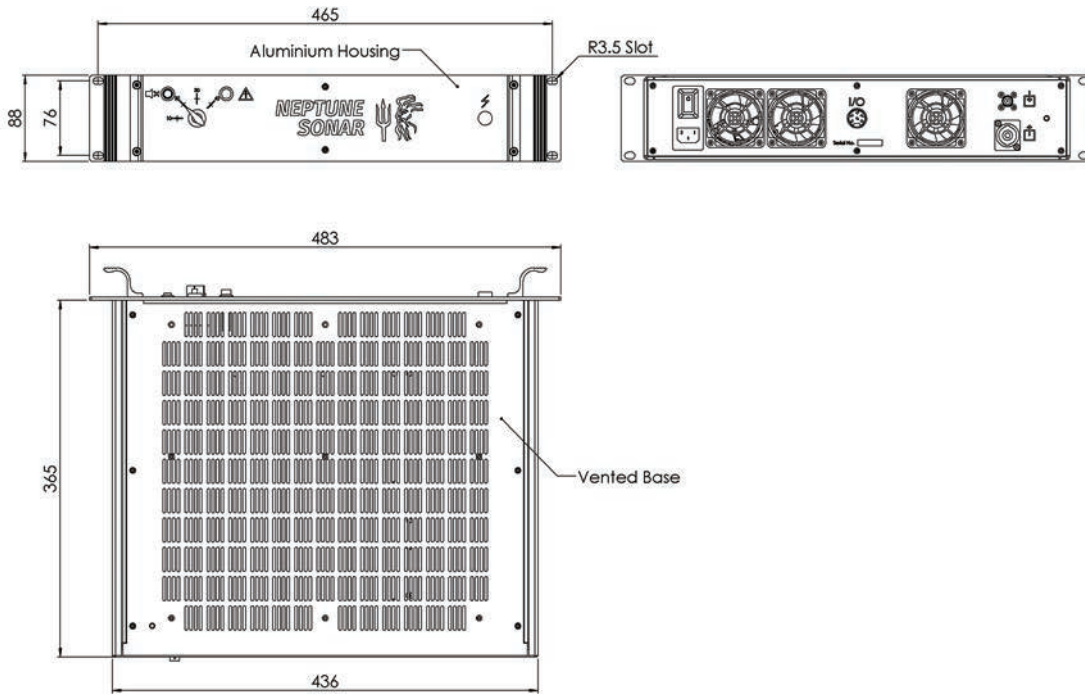
2U 19" rack mount form factor, or packaged in a hard case for use in more demanding environments.

TECHNICAL SPECIFICATION

Usable Frequency Range	5 Hz to 250 kHz
Gain Settings	10, 20, 30 and 40 dB
Power Supply (Input)	80-260VAC Up to 300W
Input	Differential, 50Ω Impedance, BNC 1.5Vrms (Abs Max)
Output	Differential, speakOn connector 150Vrms / 2A (Abs Max)
Mute Input (Shuts down all class D switching)	Manual Switch Contact closure interface

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MECHANICAL SPECIFICATION



All dimensions in mm