

4000019611

1671 Power Amplifier



Description

- ✓ 19" 1U rack mounting
- ✓ Low weight
- ✓ Low power consumption
- ✓ Two balanced audio inputs. Line level XLR with output loop, configurable E and M input
- ✓ 250W / 100V line output
- ✓ Failure status output NO/NC
- ✓ Speaker / line level overvoltage protection
- ✓ Short circuit / current limit protected
- ✓ Status reporting via MPA 1600 (RCMS/SNMP interface)
- ✓ IEC 60945 Marine Equipment, IEC60950 Safety

The 1671 is a high performance, high efficiency 250W power amplifier designed to meet the needs of the most demanding PA/GA applications in marine environments. The amplifier is designed to operate from dual AC or AC+DC power supply.

Specifications

MECHANICAL

Dimensions	19", 1U rackmount (272mm depth, excluding handle)
Weight	5.5 kg
Color	RAL 9006
Material	Steel
Mounting	Rack
Access	Front
Cable Entry	Rear

ELECTRICAL

Power Supply	110-230 VAC and 18- 32 VDC
Power Consumption	300W max, 5W quiescent
Heat Dissipation	50 W
Power Output	250W continuous RMS (500W short term, 1s)
Frequency Response	300Hz-7kHz power bandwidth
THD	@250W<0.5% at 1kHz
Signal to Noise Ratio	<90 dB
Input Sensitivity	0.775 Vrms (0 dBu)
Input Impedance	22k Ω
Metering/Indicators Amp Status	VU meter LED, PSU status LED, Global Failure LED
Output Power	100V line
Maximum Load	400 at 100V

ENVIRONMENTAL

Temperature	-15°C to +55°C
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Humidity	+93% (at +40°C)
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Ingress Protection Rating	IP-20
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