zenitel

DATASHEET

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

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- Status reporting via MPA 1600 (RCMS/SNMP interface)
- IEC 60945 Marine Equipment, IEC60950 Safety
- DNV GL type approval and compliant with NORSOK

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.

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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

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

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