zenitel

DATASHEET

2340100006

VPA-120 (MED)

Power Amplifier 120W



- 120 W power amplifier in a 19" rack cabinet
- 100 V and 8 ohm output
- Dual inputs with priority switching
- Temperature controlled, forced back-to-front ventilation
- 115/230 VAC mains and 24 VDC battery backup
- Pilot tone line monitoring
- 24 VDC / 800 mA power output for external equipment
- Chime signal with on/off switch
-
- For use in MED certified Cabinets

Description

The VPA power amplifier is specially designed for marine use. The amplifier has to be installed in 19" rack and occupies 3 HU with addition of a 1 HU ventilation grid.

The amplifier is protected against overload and short circuits. A temperature controlled fan ensure high reliability at high output level and low ventilation noise at lower output levels.

The amplifier operates on 115 or 230 VAC mains with option for automatic switching to 24 VDC battery backup in case of power failure. The amplifier is supervised by a pilot tone to continuously check the signal path, and a fault will be reported by an indicator in front combined with a closing contact for external fault warning.

The amplifier has a built in selectable chime generator activated by a priority switch to give an alert signal in front of a message.

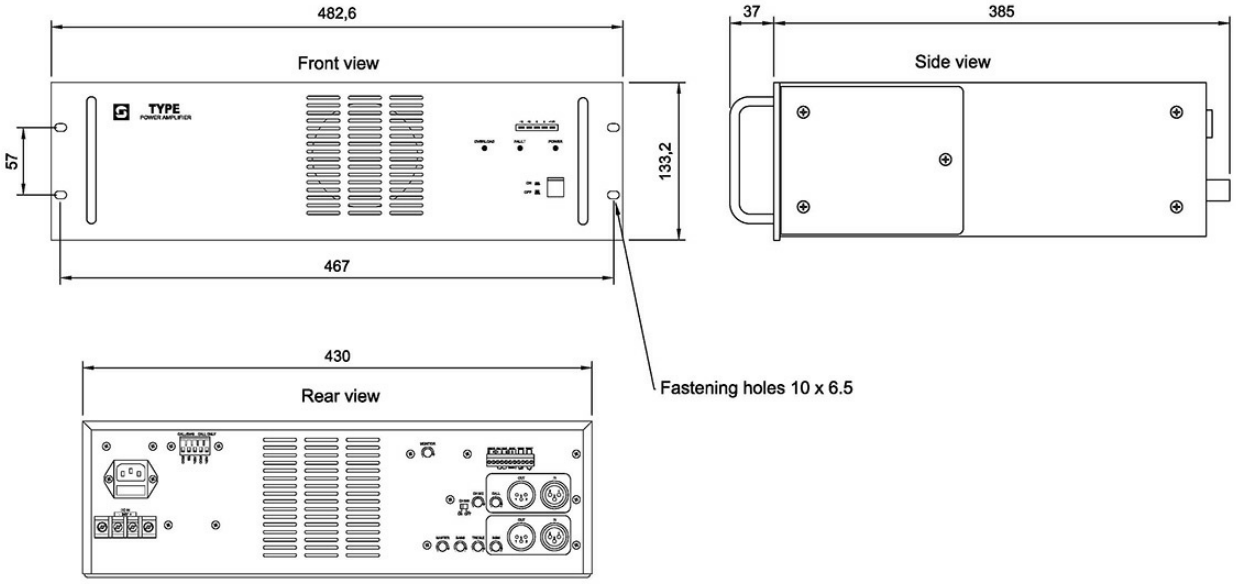
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Technical Dimensions



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Specifications

GENERAL

Colour	Black
Dimensions (W x H x D)	482 x 133 x 420 mm
Weight	18.2 kg
Power supply	115/230 VAC ±10%, 50/60 Hz, 391 VA, 24 VDC ± 25% - max 7,5 A
Operating temp.	-15 - +55°C
Relative humidity	< 95%
Rated load	120 W - 100 V, 8 ohm
Power calculation acc. EN50695 (230/110/24)	113 / 100 / 80 W @ 1 kHz for 30 min.
Frequency response	200 Hz – 10 kHz ±3 dB
THD	< 1% at 1 kHz, 30 min.
SNR	66 dB, A-weighted
Line input	1 V ±50% in 47 kOhm, balanced
Connector	3-pin XLR
Tested according to	EN 60945, IACS E10, IEC 60533, EN 50695
Connections	Screw terminals
LED indicators	VU-meter, Mains power on, Overload, Fault warning
Controls	Level controls for Call and BGM inputs, Master volume, Tone adjustment, Chime on/off and volume adjustment, Monitor volume
Environmental Condition	Protected

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