zenitel

DATASHEET



3005010239

VPA-400

Power Amplifier 400 W

- 400 W power amplifier in a 19" rack housing
- 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 signal path supervision
- 24 VDC / 800 mA power output for external equipment
- Chime signal with on/off switch

Description

The VPA power amplifier is originally designed for use on ships, which means it is very robust and can handle mobile environments as well as stationary temperature controlled rooms. 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 ensures high reliability at high output level and low ventilation noise at lower output levels.

The amplifier operates on 115/230 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.

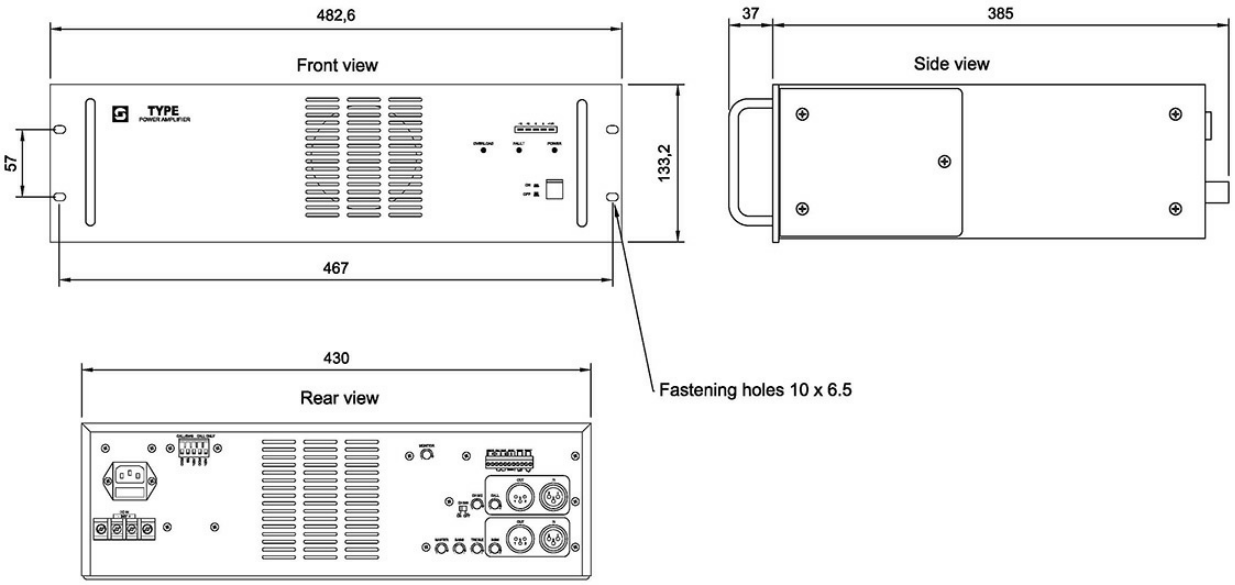
The amplifier has a built in selectable chime generator activated by a priority switch to give an alert signal before the announcement.

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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	27,4 kg
Power supply	115/230 VAC ±10%, 50/60 Hz, 1242 VA, 24 VDC ± 25% - max 28 A
Operating temperature	-15 - +55°C
Relative humidity	< 95%
Output	100 V, 8 ohm - 400 W
Frequency response	50 Hz – 20 kHz ±3 dB
Distortion	< 1% at 1 kHz
Line input	1 V ±50% in 47 kOhm, balanced
Connector	3-pin XLR
Tested according to	EN 60945, IACS E10, IEC 60533
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

Accessories

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RS-3C

Amplifier Rack

Item Number: 3006206019

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