

VPA-400

POWER AMPLIFIER 400W



when communication is **critical**

FEATURES

- 400 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



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.

SPECIFICATIONS

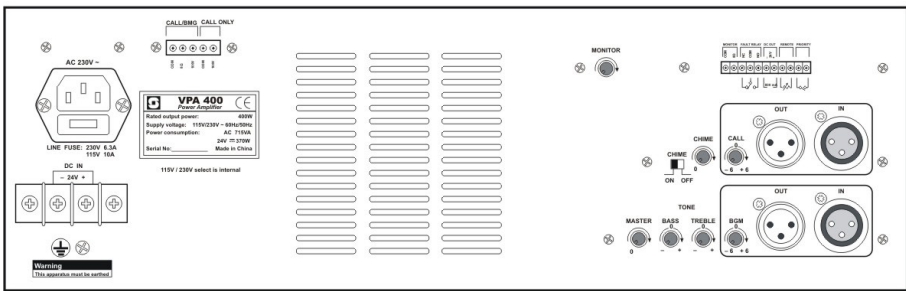
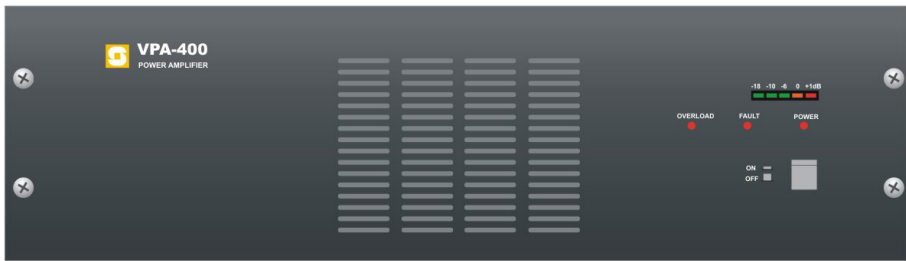
Colour	Black
Dimensions (W x H x D)	482 x 133 x 420 mm
Weight	27.4 kg
Power supply	115/230 VAC $\pm 10\%$, 50/60 Hz, 1242 VA 24 VDC $\pm 25\%$ - 28 A
Operating temp.	-15 – +55°C
Relative humidity	< 95%
Output	100 V, 8 ohm - 400 W
Frequency response	50 Hz – 20 kHz ± 3 dB
Distortion	< 1% at 1 kHz

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
3005010239	VPA-400 Power amplifier 400W / 100V 220 VAC / 24 VDC	27.4 kg

VPA-400 POWER AMPLIFIER 400 W

Line input	1 V ±50% in 47 kOhm, balanced
Connector	3-pin XLR
Safety	EN 60065
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

OVERVIEW



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