

3005010235

## VPA-120

### 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

## Description

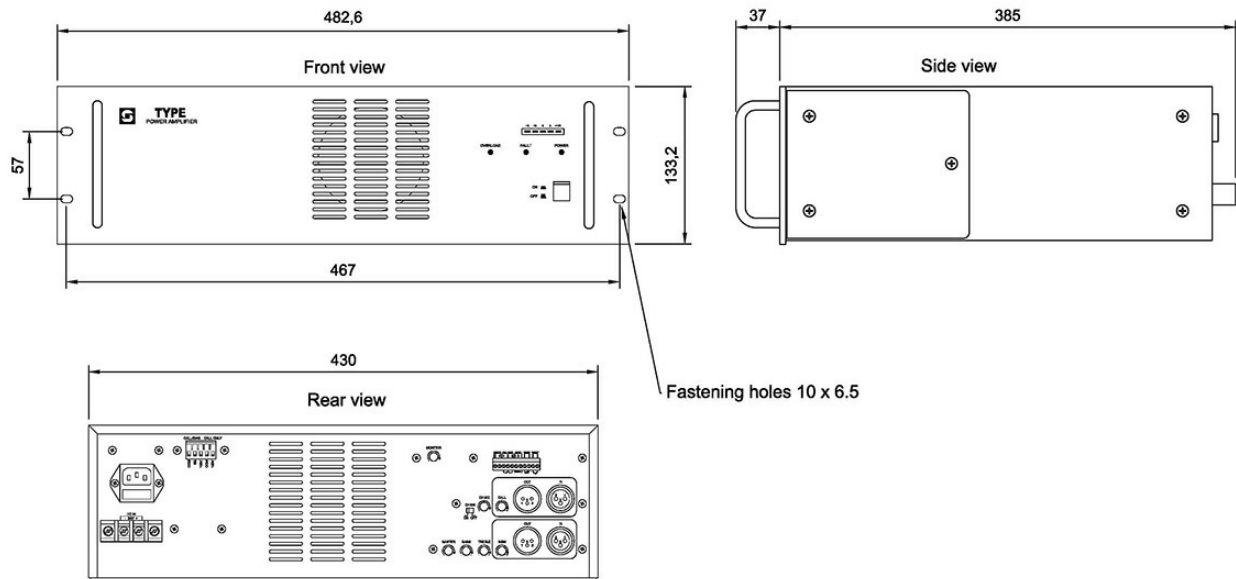
The VPA power amplifier is specially designed for marine use. The amplifier has to be installed in 19" rack and occupies 3 HU with addition of a 1 HU ventilation grid.

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.

## Technical Dimensions



# 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 $\pm 10\%$ ,<br>50/60 Hz, 391 VA, 24<br>VDC $\pm 25\%$ - max 7,5 A                                                            |
| Operating temp.         | -15 - +55°C                                                                                                                               |
| Relative humidity       | < 95%                                                                                                                                     |
| Output                  | 100 V, 8 ohm - 120 W                                                                                                                      |
| Frequency response      | 50 Hz – 20 kHz $\pm 3$ dB                                                                                                                 |
| Distortion              | < 1% at 1 kHz                                                                                                                             |
| Line input              | 1 V $\pm 50\%$ in 47 kOhm,<br>balanced                                                                                                    |
| Connector               | 3-pin XLR                                                                                                                                 |
| Tested according to     | EN 60945, IACS E10,<br>IEC 60533                                                                                                          |
| Connections             | Screw terminals                                                                                                                           |
| LED indicators          | VU-meter, Mains power<br>on, Overload, Fault<br>warning                                                                                   |
| Controls                | Level controls for Call<br>and BGM inputs, Master<br>volume, Tone<br>adjustment, Chime on/off<br>and volume adjustment,<br>Monitor volume |
| Environmental Condition | Protected                                                                                                                                 |

## Accessories



## RS-3C

### Amplifier Rack