

## 1-ZONE / 100 W EVAC COMPACT SYSTEM

The new PAW1101-V compact system has been designed for ease of installation and for operating in a vast range of applications. This system is able to manage **1 alarm zone** via local controls, remote microphone station and controlled inputs. Due to a great quality/price ratio, the PAW1101-V is the single solution ideal for small installations, such as restaurants and shops.

### FUNCTIONAL FEATURES

- Audio rated power: 100 W.
- 4.3" touch screen back-lighted display for alert & evacuation selection, levels adjustment, settings and failure visualization.
- Fireman's monitored microphone on the front panel.
- Sending of EVACUATION and ALERT pre-recorded messages.
- 4 monitored control inputs.
- 1 AUX input for external sound sources with VOX / MUSIC input.
- 2 configurable relay outputs.
- Front-panel button for operating the emergency system complete with LED indicator.
- Front-panel reset button.
- Possibility to connect up to 4 paging units PMB106-G or - as an alternative - up to 2 remote emergency microphone units PMB132-V.



מאושר תקן 1220

| MODEL  | PAW1101-V   |
|--|---|
| Rated audio output @230 VAC  | 100 W   |
| Rated audio output @24 Vdc   | 88 W  |
| Display  | 4.3" , backlit with touch screen, 480x272 pixels  |
| N° of zones/amplifiers   | 1   |
| <b>Inputs</b>  |   |
| <b>Emergency microphone</b> <ul style="list-style-type: none"> <li>• Sensitivity / Impedance</li> <li>• Frequency response</li> <li>• S/N ratio</li> </ul>     | <b>Dynamic handheld microphone with P.T.T. push button</b><br>Signal level: 20 mV / 10 kΩ<br>110 ÷ 10.000 Hz<br>61 dB   |
| <b>Paging / Emergency units</b> <ul style="list-style-type: none"> <li>• Sensitivity / Impedance</li> <li>• Frequency response</li> <li>• S/N ratio</li> </ul> | <b>1 off Rj45 for paging units (PA) or Emergency units (VES)</b><br>Signal level: max. 850 mV / 8 kΩ<br>60 ÷ 20.000 Hz<br>84 dB   |
| <b>AUX (LINE-VOX) / MUSIC</b> <ul style="list-style-type: none"> <li>• Sensitivity / Impedance</li> <li>• Frequency response</li> <li>• S/N ratio</li> </ul>   | <b>Balanced with terminals (HOT-COM-GND)</b><br><b>Programmable in ON / OFF / VOX with A.P.T. modes</b><br><b>Precedence input with contact closing activation</b><br>160 mV / 40 kΩ<br>40 ÷ 20.000 Hz<br>73 dB |

| MODEL  | PAW1101-V   |   |
|--|---|---|
| <b>Outputs</b>   |   |   |
| Constant voltage output  | 1 zone<br>for 100V lines<br>Minimum 100 Ω   |   |
| <b>Emergency controls</b> <ul style="list-style-type: none"> <li>Controlled inputs CONT. IN</li> <li>Outputs R1, R2</li> </ul> | <b>Programmable for normally active or normally inactive state</b><br>4 off inputs with diagnostic<br>2 off relays for signalling, state of emergency and faults (24Vdc / 1A each),<br>N.O-N.C-Exchange state |   |
| <b>General information</b>   |   |   |
| Rated mains power supply   | 230 Vac 50/60Hz +10/-15%  |   |
| Consumption @230Vac  | 130 W full load<br>22 W quiescent   |   |
| Rated secondary power supply   | 24 Vdc (2x12 Vdc batteries)   |   |
| Secondary power supply   | 4,2 A full load   |   |
| Consumption @24 Vdc  | 660 mA quiescent<br>0,22 A energy saving  |   |
| Batteries  | 12 Ah   | 24 h in standby + 1/2 h with full power alarm message |
|  | 18 Ah   | 72 h in standby + 1/2 h with full power alarm message |
| Charger / Power supply unit  | 2 A (I max. a)<br>6 A (I max. b)<br>21 V (final voltage – detached battery)<br>27,2 V (complete load voltage)   |   |
| Environmental operating conditions   | Temperature: +5°C ÷ +40°C<br>Relative humidity: 25% to 75% (non-condensing)   |   |
| Type of mounting   | Wall mounting   |   |
| Dimensions (L x H x P)   | 360 x 495 x 193 mm  |   |
| Net weight (without batteries)   | 11,5 kg   |   |

#### LIST OF OPTIONAL FUNCTIONS

| CLAUSE | DESCRIPTION  |
|--------|--|
| 7.6.2  | Manual muting of voice alarm condition               |
| 7.7.2  | Manual resetting of voice alarm condition            |
| 7.9    | Output for signalling a voice alarm condition        |
| 8.3    | Indication of fault affecting the transmission paths |
| 8.4    | Indication of fault affecting the alarm zones        |
| 10     | Manual control of voice alarms                       |
| 11     | Interface for external control device(s)             |
| 12     | Emergency microphone(s)                              |

#### LIST OF THE AUXILIARY FUNCTIONS

| DESCRIPTION      |
|------------------|
| Broadcast calls  |
| Background music |