



TLM-18VRP instructions

1.0. DESCRIPTION

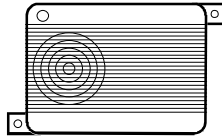
The TLM-18VRP is a indoor **wireless siren** with a Ni/Cd 12 V - 700 mAh battery (supplied) rechargeable via a 230 Vac → 14 Vdc power adaptor (supplied).

Used with all "PEGASO" system control panels, the TLM-18VRP is self-learned by the control panel simplifying the installation.

The tampering of the TLM-18VRP will provoke, other than the sounding of the siren, also the alarm of the control panel.

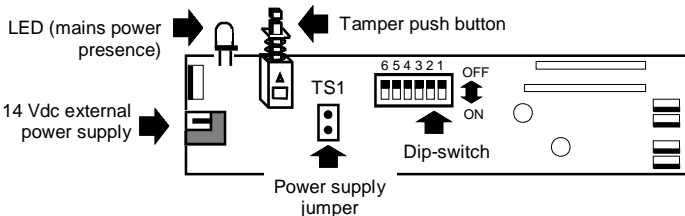
The siren is microprocessor controlled and the housing is protected against attempts of removal of the front cover.

Built with materials which are not subject to corrosion (chassis and cover in ABS), the siren guarantee functional reliability.



2.0. INSTALLATION PROCEDURE

- 1) Bring the siren to a 3 or 4 meters distances from the control panel.
- 2) Remove the front cover and the circuit board.
- 3) Select the functioning desired (see paragraph 3.0).
- 4) Insert the power supply jumper indicated in the circuit as TS1 (see figure below).
- 5) Proceed with the automatic self-learning code (see paragraph 5.0.).
- 6) Once verified the correct functioning of the siren, choose the fixing point remembering that the siren must not be more than 20 meters from the control panel.
- 7) **Make sure that dip 3 is in OFF position.**
If contrary, the siren does not function.
- 8) Replace the front cover. After a few seconds the siren emits 3 beeps to confirm that it has been mounted correctly. If the 3 beeps are not emitted, verify if the tamper button has been closed correctly.
- 9) Fix the siren to the wall and insert the connector of the adaptor in the appropriate position (see figure below). This provokes the lighting of the green LED.



3.0. FUNCTIONING SELECTION

The functioning desired may be selected by positioning the dip from 1 to 6 as indicated below:

ATTENTION
The selection must be made while siren is not powered.

- | | | |
|-------------|---|--|
| 1 ON | → | Silent panic |
| 1 OFF | → | Audible panic |
| 2 ON | → | Control panel arming beep activate |
| 2 OFF | → | Control panel arming beep deactivate |
| 3 ON | → | Automatic channel search (self-learning) |
| 3 OFF | → | Normal functioning |
| 4 OFF 5 OFF | → | Siren selection with series "PEGASO" control panel |
| 6 OFF | → | Not used |

N.B. The siren is factory supplied with the dip 2 in ON (control panel arming beep active) and all others in OFF.



4.0. ALARM - ALARM TIME

In case of alarm, the TLM-18VRP will emit different sounds according to the alarm event (burglary, hold-up, fire or gas). This way from the sound emitted it is possible to recognize the cause that provoked the alarm.

- Burglary alarm → Modulated sound
- Hold-up alarm → Intermitting modulated sound
- Fire or Gas alarm → Two tone sound

All alarms triggered have a duration of 3 minutes with automatic reset.

5.0. PROGRAMMING SIREN WITH EG-3 & PANEL

To have the siren self-learn the "PEGASO" code of the CONTROL PANEL or EG-3, follow the sequence below.

1. Remove the siren cover and set the **dip-switch 3** to "ON" and the **dip-switches 4 & 5** to "OFF".
2. Power up the siren and leave the tamper switch open: a beep will be emitted every 7 seconds.
3. **Arm the CONTROL PANEL or EG-3.** An R.F. transmission will take place.
4. To confirm that the siren has received and memorized the "PEGASO" code transmitted, it will emit 3 beeps. Disarm the CONTROL PANEL or EG-3.
5. Set the **dip-switch 3** back into "OFF".
6. Replace the front cover and complete the installation (see section 2.0).

6.0. SIREN TAMPERING

In case of tampering, the siren rings for a maximum of **3 minutes** with the sound for burglary alarm, either if the button is opened and closed immediately or if the button will remain open.

The tampering of the TLM-18VRP, other than the sounding of the siren, also will provoke an alarm of the control panel. Refer to the instruction manual of the control panel installed for more information about this alarm.

7.0. SIGNALLING ARMING/DISARMING OF SYSTEM

- **Arming** With the dip 2 in ON, when the system is armed the siren will emit one beep. With the dip 2 in OFF, no beep will be emitted.
- **Disarming** With the dip 2 in ON, when the system is disarmed the siren will emit 2 beeps. With the dip 2 in OFF, no beep will be emitted.

8.0. LOW BATTERY SIGNAL

If mains power is failure, when the incorporated battery goes below a voltage of 10.5 V, a beep is emitted every 30 seconds, which give the indication of "Low battery".

The low battery signal will also be sent to the control panel. Refer to the instruction manual of the control panel installed for more information about this function.

9.0. MAINS POWER SIGNAL

The presence of mains power is signalled by lighting of the green LED. In case of mains power failure, the green LED turns OFF.

10.0. TECHNICAL CHARACTERISTICS

- Power supply: 13.8 Vdc
- Current drain: in stand-by 4 mA - in alarm 1.3 A
- Output power: 120 dB (at 3 metres)
- Alarm time: 3 minutes
- Minimum guaranteed range: 20 metres
- Working frequency: 433.92 MHz
- Acoustic signalling of low battery
- Signalling mains power failure
- SMD technology
- Dimensions: 140x115x55 mm
- Weight: 1.1 Kg

