



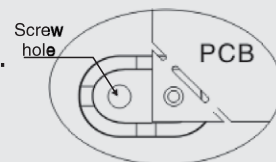
1. Basic features

PRO11RY is an outdoor siren, designed for burglary, assault and fire protection alarm systems. Source of acoustic signal is high effectiveness of special "quasi dynamic" piezoelectric transducer. Source of optical signal are two high brightness LEDs. The casing has anti-tampering protection from cover opening and from detachment off the base. One of its advantages is very high mechanical shock resistance thanks to using the mixture of 70% polycarbonate and 30% ABS. Circuit impregnation assures high reliability even in severe weather conditions.

2. Assembly

It's supposed to be attached on vertical surface in a place preventing from any damage. Electric light should be pointed down.

Attention: Anti-tampering protection from detachment off the operate properly if you screw the back cover element to the wall. picture bellow.



base will See the

3. The way of operation

Siren PRO11RY is equipped with separate control inputs for optical and acoustic parts. To turn on an acoustic alarm, change state on input S. Different ways of turning an acoustic alarm on is chosen by jumpers:

- apply power supply - put jumpers PS- and S+ on
- remove power supply - put jumpers PS- and S- on
- apply ground - put jumpers PS+ and S- on
- remove ground - put jumpers PS+ and S+ on

PRO11RY offers 2 alarm tones chosen by 2 jumpers(S1,S2).

To turn on an optical alarm change state on input L. Different ways of turning an optical alarm on is chosen by jumpers:

- apply power supply - put jumpers PL- and L+ on
- remove power supply - put jumpers PL- and L- on
- apply ground - put jumpers PL+ and L- on
- remove ground - put jumpers PL+ and L+ on

PRO11RY has 2 anti-tampering protections(cover opening and detachment off the base). Anti-tampering circuit output is connected to pins SAB. In normal mode this output is short(NC). Taking jumper JPS away causes changing resistance of anti-tampering circuit from short into 2,2kΩ.

The siren can be activated when releasing input signals duration is longer that 250ms and works as long as the signal release is active. Limit 250ms protects from false alarms.

External power supply 13,8VDC should be connected to Vdd and GND pins.

The duration of the alarm(generated when the power supply is cut off):

Jumper	Acoustic alarm	Optical alarm
1	1min	1min
4	4min	4min
16	16min	No limit

During installation process do not forget to connect internal battery.

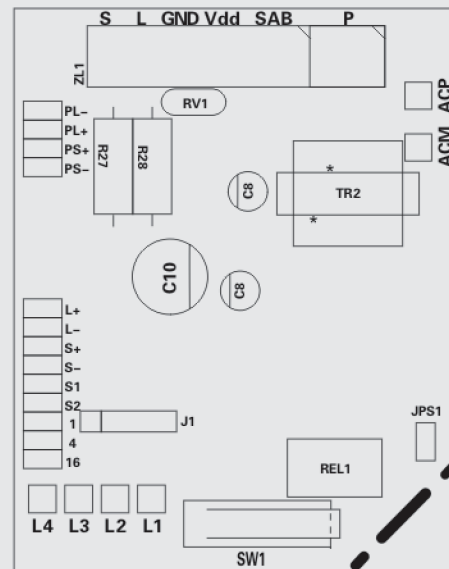
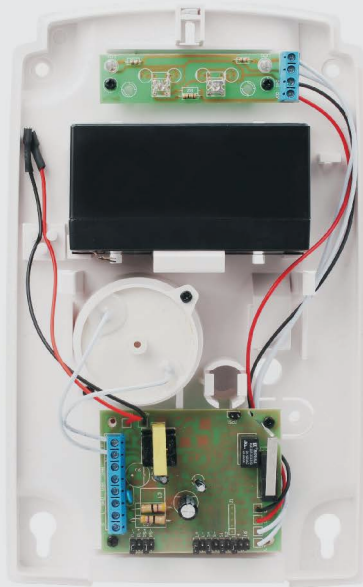
4. LED Status

LED mode	Siren status
Flash alternately	System is not in alarm
Flash together two times every 5 sec	Tamper activation
Flash together three times every 5 sec	Bell trigger activation

5. Technical data

- Nominal power supply-13,8 VDC
- Max. current consumption in alarm mode - 0,5A
- Sound pressure level - 115dB/m
- Rechargeable battery 12V-1,2Ah
- Dimension - 250 x 155 x 67 mm

6. PCB



S	-	Acoustic releasing input
L	-	Optical releasing input
GND	-	Ground
Vdd	-	+13,8V
SAB	-	Anti-tamper circuit(normally close)
ACP	-	Battery plus
ACM	-	Battery minus
P	-	Acoustic output
L1, L2	-	Optical output
L3, L4	-	Status LED steering output
JPS	-	The choice of anti-tamper circuit resistance
PS-, PS+	-	The choice of acoustic input polarization
PL-, PL+	-	The choice of optical input polarization
S1, S2	-	The choice of acoustic alarm tones
S-, S+	-	The choice of acoustic release between power or GND
L-, L+	-	The choice of optical release between power or GND
1, 4, 16	-	Alarm timer (minutes)

Mailing Address

VOSTOK Trading L.L.C,
304, 3rd Floor, Al Tawhidi Building,
Khaleed Bin Waleed Road,
P.O. Box: 27106 - Dubai,
UNITED ARAB EMIRATES.

Contact Details

Tel: (+971 4) 3558816
Fax: (+971 4) 3558817

Email : sales1@digitalgardian.com /
sales2@digitalgardian.com /