The OS-350 outdoor siren

The OS-350 is an outdoor non-backup siren combining a loud acoustic siren with a flashing light. The high-powered flashing light helps to locate the active siren. If necessary another piezo-electric siren (ACM-OS360) can be used.

The siren's housing is made of mechanical, weather and UV resistant plastic. The electronic circuit board is protected against air humidity by double-layer varnish.

The device is protected by two magnetic tamper switches.

If higher security is demanded, we recommend using the OS-360 or the OS-365 backup outdoor siren.

Installation

The siren should be fixed to a place which is not easily accessible, and protected against direct rain if possible. It is recommended to place the siren in visible places to discourage the offender. It is also an advantage if the flashing light could be seen from a distance to help the police or security guards with locating the active siren.

Do not place the siren near eaves where ice could form in winter.

- Remove the plastic cover by removing two screws (under plastic caps) with a screwdriver
- Route all cabling into the siren through the desired hole on the rear part
- Fix the siren in the desired place by hanging the siren housing on the top screw and fix it using two other screws.
- Connect the wires from the control panel to the siren (see examples of connections on Picture 2).
- Fix the cable using the plastic holder which is to the left of the board
- Assemble the siren and tighten the screws
- Insert the plastic caps on the screws

Terminals

TAMP	NC tamper switch output (connected in series with the 68R protection resistor)
GND	ground terminal
+12V	power voltage terminal (+10 to 15V)

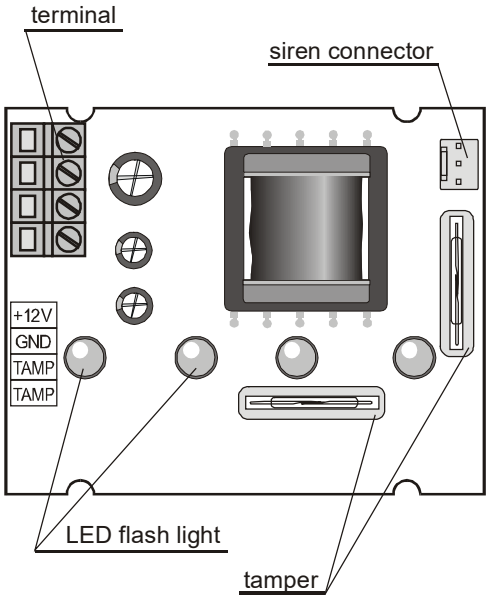
Please keep in mind the high acoustic power of the siren and protect your hearing during testing.

Operation

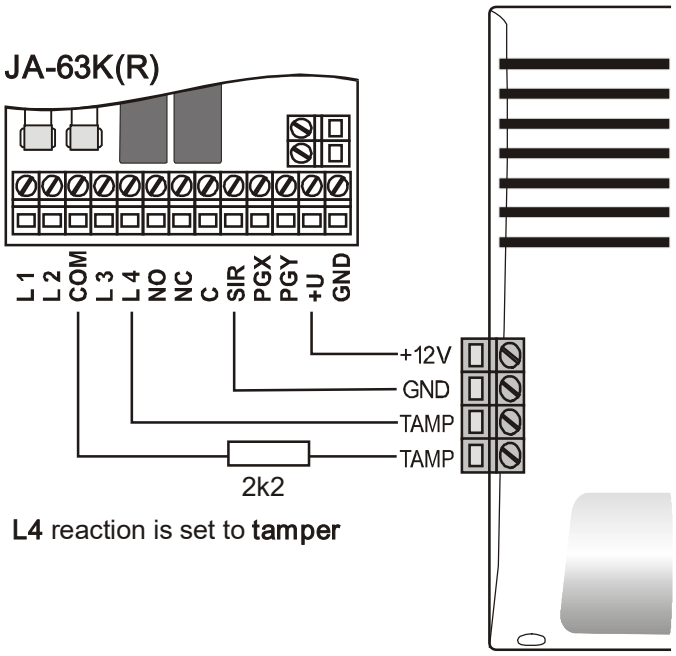
When a voltage is connected to the **+12V** and **GND** terminals, the piezo siren sounds and the light flashes.

When the siren is opened or removed from the wall the **TAMP** contact is opened.

Note: the resistance of the **TAMP** zone when closed is 70 ohms because a 68R resistor is implemented as protection for the reed contacts.



Picture 1- the top side of the electronic circuit board



Picture 2 - example of connection with the JA-63K(R) control panel

Warning! If the siren is activated when the siren connector (see picture 1) is being disconnected, the siren will not be damaged, but there will be high voltage on the terminal.

Specification

Power supply	10 to 17 V DC
Consumption	250 mA/12 V
Siren	piezo-electric, 112 dB/1 m
With second piezo-electic siren (ACM-OS360)	116 dB/1 m
Enclosure	IP 34D
Security grade 2	EN 50131-1, EN 50131-4
Environmental class IV	-25 °C to +60 °C
Dimensions	230 x 158 x 75 mm
EMC	EN 50130-4, EN 55022
Safety	EN 60950-1

JABLOTRON ALARMS a.s. hereby declares that the OS-350 is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/35/EU, 2014/30/EU, 2011/65/EU. The original of the conformity assessment can be found at www.jablotron.com - Section Downloads.

Note: Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please return the product to the dealer or contact your local authority for further details of your nearest designated collection point.

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