

# 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.

## Specification

Power supply	10 to 17 V DC
Consumption	250 mA / 12 V
Siren	piezo-electric, 112 dB / 1 m
With second piezo-electric siren (ACM-OS360)	116 dB / 1 m
Enclosure	IP 34D
Security grade 3 (with internal cover)	EN 50131-1
Security grade 2 (without internal cover)	EN 50131-1
Environmental class IV	-25 to +60°C
Dimensions	230 x 158 x 75 mm



Hereby, Jablotron Ltd., declares that this OS-350 is in compliance with the essential requirements and other relevant provisions of 73/23/EC Low Voltage Directive and 89/336/EC EMC Directive.

Original of the conformity assessment can be found at the web page [www.jablotron.com](http://www.jablotron.com), section Technical support.

## 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)

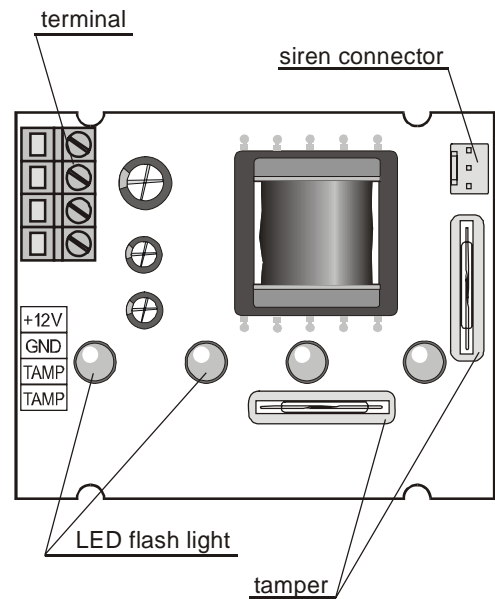
Please keep in mind the high acoustic power of the siren and protect your hearing during testing.

## Operation

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

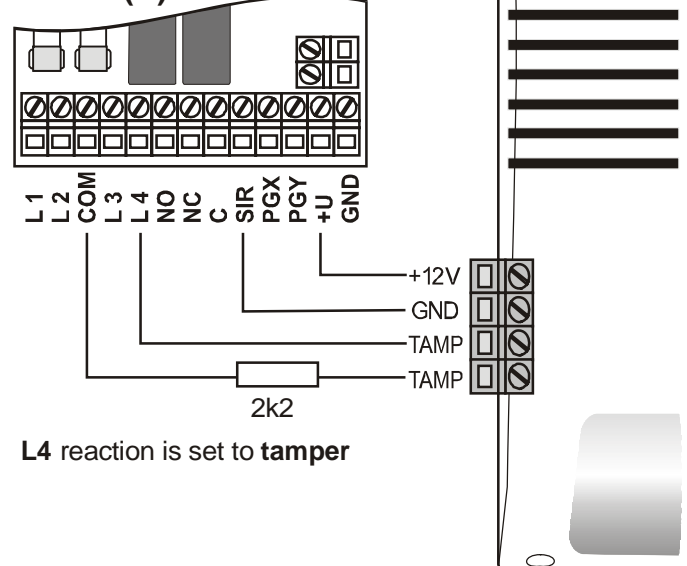
When the siren is opened or removed from the wall the **TAMP** contact is opened.

**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

### JA-63K(R)



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.



**Note:** Although this product does not contain any harmful materials we suggest you to return the product to the dealer or directly to the producer after usage.



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