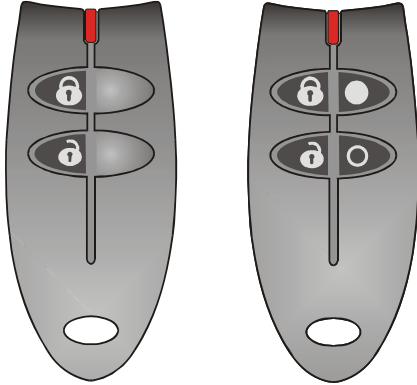# The RC-80 wireless keyfob

The RC-80 is a component of Jablotron's Oasis 80 alarm system. It is designed to remotely control setting/unsetting, trigger panic alarms, and control other appliances. The battery-powered keyfob communicates via OASIS radio protocol.

## Number of buttons

The keyfob has two buttons as supplied, but changing its cover (held by a screw on the back) makes four buttons possible:



## Enrolling the keyfob to an Oasis control panel

A pair of the keyfob buttons can be enrolled to a control panel by pressing and holding both buttons. Proceed as follows:

1. Put the **control panel into Service mode** via the system keypad and press **key 1 to enter enrollment** mode. Using the arrow keys, select the desired address.

2. **Press and hold** 🔓 and 🔒 or ● and ○ (the pair of buttons you wish to enroll) simultaneously until three flashes on the keyfob LED are seen.

3. **Exit enrollment** mode **by pressing** the **#** key on the keypad controlling the control panel.

- The natural reaction of the pair of buttons is setting and unsetting for each button respectively, and panic alarm triggering by pressing both buttons together. If a reaction other than natural is assigned to the keyfob's address in the control panel, the reaction will only be triggered by buttons 🔓 or ● (according to which pair was enrolled).

- If you enroll two pairs of buttons on a single keyfob to two different addresses in the control panel, then different reactions and sections can be assigned to each pair of buttons. This means, for example, one pair could arm/disarm the complete system, and the other pair could be for partial arming.

- The button pair 🔓 and 🔒 can also be enrolled by simply installing a battery into the keyfob.

- If a single pair of buttons is enrolled to the control panel, the two remaining buttons can be used to control another device such as e.g. a Jablotron car alarm, or UC-8x and AC-8x receivers.

## Testing the keyfob

The strength and quality of keyfob radio signals can be checked and measured by the control panel in Service mode.

## Locking the keyfob

If all four buttons on the keyfob are used, all keys can be locked or unlocked by pressing a diagonal button pair (🔓+○ or 🔒+●). When the keys are locked, the keyfob LED flashes rapidly if any button is pressed (no signals are sent under these conditions).

## Using the keyfob with other products

In addition to Oasis control panels, the keyfob can also be used with other Jablotron products that communicate via Oasis protocol. Examples are relay receivers type UC-8x and AC-8x. Guidance on using the keyfobs can be found in the manuals of the desired receiver.

## Battery replacement

If the working range of the keyfob begins to reduce, or if functioning stops altogether, then replace the battery. The keyfob can be easily opened by unscrewing the rear screw.

*Expired batteries should not be thrown into the garbage, but disposed of according to local regulations..*

## Removing the keyfob from the system

If you wish to remove the keyfob from the system, e.g. if it has been lost, erase it from its address in the control panel.

## Technical parameters

| | |
|---|---|
| *Voltage:* | *alkaline battery type **L1016** (6.0 V)* |
| *Typical battery lifetime* | *approx. 3 years (for 5 daily activations)* |
| *Communication band:* | *868 MHz, Oasis protocol* |
| *Communication range* | *approx. 30 metres (open area)* |
| *Operational environment according to EN 50131-1* | *II. internal space* |
| *Operational temperature range* | *-10 to +55 °C* |
| *Can be operated according to* | *VO-R/10/08.2005-24* |
| *Complies with ETSI EN 300220, ETS 300683, EN 50134* | |

CE  Jablotron Ltd. hereby declares that the RC-80 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The original of the conformity assessment can be found at www.jablotron.com, Technical Support section

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

Pod Skalkou 33
466 01 Jablonec n.N.
Czech Republic
Tel.: +420 483 559 999
fax: +420 483 559
www.jablotron.com