

Remote Control RC-22

Description

The RC-22 remote control is designed to work with Jablotron's controllers (UC-216, UC-222) and/or the JA-60 wireless security system. It can be used in two different modes: a two button remote controller or as a panic button.

A high level of radio security is insured by sophisticated radio coding with a rolling code and anti-scanning features.

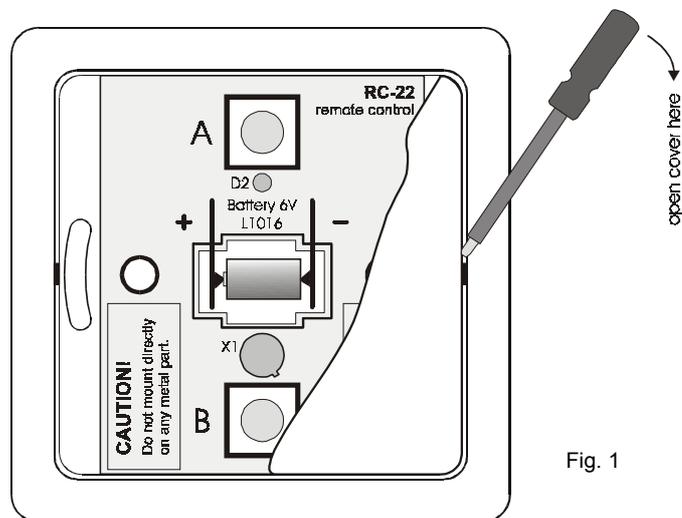


Fig. 1

Specification

Power	6 V battery (L1016 type)
Battery life time	typically 1 year
Frequency	433.92 MHz
Working distance	up to 30 meters
Operating temperature	from -20 °C to +55 °C
Operating humidity	from 25 % to 75 %
Storage temperature	from -20 °C to +70 °C

Complies with I-ETS 300220, ETS 300683 and EN 50134.

Installation

Open the plastic cover (see Fig.1). Install the remote control in the desired location. You can use either screws, double sided adhesive tape or glue.

Note: Do not install the RC-22 on a metal surface. This could lead to significant reduction of the working distance.

Enrolling the RC-22 to the receiver

First read carefully the receiver unit instruction manual (receiver UC-216 or UC-222, control panel JA-60 etc.). Select the learning mode on the receiver and then activate the RC-22 remote control by pushing the button.

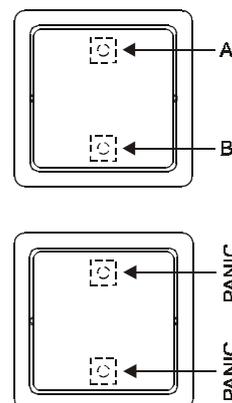
Enrollment remarks:

- Receiver modules UC-216 and UC-222 can operate in several different modes. Select the preferred mode when enrolling the RC-22 (button A or B) to define the reaction of the receiver to the RC-22's intended use.
- To enroll the RC-22 into the JA-60 control panel you should first select the learning mode on JA-60. Then, you have to remove the RC-22's plastic cover and simultaneously press both buttons (A and B) for approximately 5 seconds. The RC-22 is usually used with the JA-60 system as a panic button (see below)
- You can enroll a RC-22 to multiple receiving units. This way you can operate several devices simultaneously.
- Each RC-22 transmits its own unique identification code. If you want to use multiple remote controls with a receiver, enroll all of the remote controls one by one.

Panic button mode

The factory default setting of the RC-22 is for a two channel remote control. This means that pressing the button on one or the other side initiates the corresponding transmission of one of the two different codes (tact switches A or B inside). This way you can operate different devices.

Additionally, the RC-22 remote control can also work as a panic button. In this mode the pressing of any button will cause a special panic signal transmission. This signal is mostly used by JA-60 wireless system for silent panic alarm initiation.



How to switch to the panic button mode:

- open the cover and take out the battery
- press and hold down any of the tact switches (A or B)
- while holding the tact switch, insert the battery
- wait for 2 flashes of the LED indicator (indicates successful switching to the panic mode)
- release the tact switch

Now the remote control is in the panic mode. The mode will remain unchanged even after battery replacement.

To cancel the panic button mode you have to repeat the above mentioned sequence (steps 1 - 5). The remote control will confirm the switching to standard mode by a single flash of the LED in the 4th step.

Battery replacement

The battery life time in the remote control is typically one year. After this period you should replace the battery with a new one. After a battery is installed, press button A or B. The LED should flash brightly if the battery is correctly connected. For testing, only the first 10 button pressings will be indicated by a bright flash of the LED. All other button pressings are confirmed by a very dull and brief LED flash (energy saving feature).

The RC-22 requires no other specific maintenance. The product should not be exposed to water. Do not use any organic solvent for cleaning.