

# Remote Control RC-22

## Description

The RC-22 remote control is designed to work with Jablotron's controllers (UC-216, UC-222, UC-230) and/or the JA-60 & 65 wireless security systems. 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. The red LED located at the upper left corner of the RC-22 indicates activation of the controller.

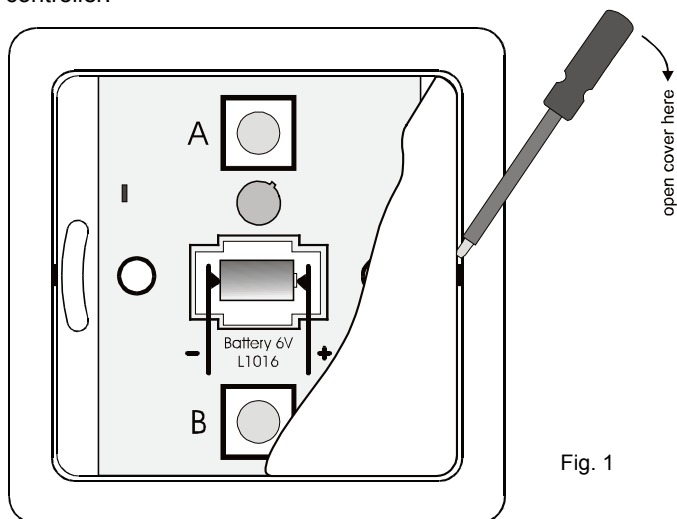


Fig. 1

## Specification

Power	6 V battery (L1016 type)
Battery life time	typically 1 year
Frequency	433.92 MHz
Working distance	up to 100 meters
Operating temperature	from -20 °C to +55 °C
Operating humidity	max. 75 %
Storage temperature	from -20 °C to +70 °C
Can be operated according to ERC REC 70-03	
Complies with EN ETSI 300220, ETS 300683 and EN 50134.	



Hereby, Jablotron Ltd., declares that this RC-22 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

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

## 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.

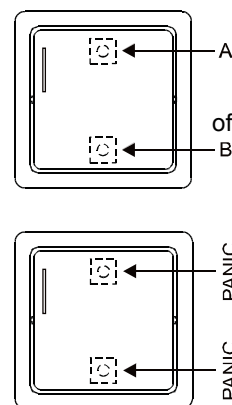
## Enrollment remarks:

- Receiver modules UC-216, UC-222 and UC-230 can operate in several different modes. Select the desired 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 & 65 wireless systems for silent panic alarm initiation.



## How to switch to the panic button mode:

- open the cover and take out the battery
- press and hold pressed 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.

**Note:** The RC-22 panic button must be located in an area which is protected by an intruder detector with instant reaction.

**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 4<sup>th</sup> 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 (type L1016).

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

**Note:** Dispose of batteries safely depending on the type of the batteries and local regulation. 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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