

# Creasol SenderBatt

## 2-3 channels transmitter/duplicator + blackout monitor

### Main features:

**Transmitted codes** can be programmed as random 24bit code, or it can be duplicated from existing remote controls.

**External switch connections:** up to 2 pushbutton switches, to get max 3 channels; a code is transmitted when one or both switches are closed (shorted)

**Blackout monitor:** 2 wires that can be connected to monitor a voltage in the range 9-24Vdc; when external voltage falls below 2V, a code is transmitted to notify a domotic controller or any other receiver.

**Multifrequency:** 433.92, 868.3, 288, 300, 306, 310, 315, 318, 330, 390, 404, 418 MHz

**Selectable transmission power:** from short range to very long range

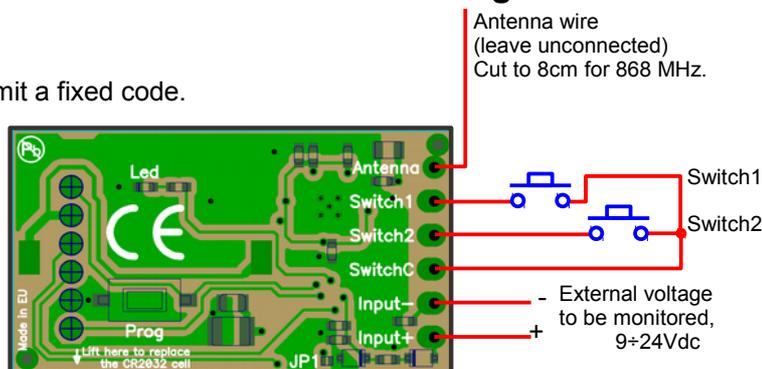
All parameters, including frequency and power, are selectable through the *Prog* button.

Supplied by a 3V battery. Long battery life: more than 20 000 activations

Very compact: 41x24x9mm.

By default, transmits random 24bit codes, but can also duplicate almost any remote control that transmit a fixed code.

### Schematic diagram



### Applications:

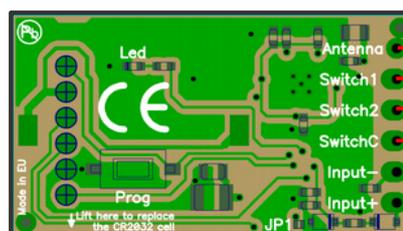
- \* convert switches (1 or 2) into transmitters
- \* power failure monitor (e.g. notify the domotic controller when external power supply goes down)
- \* can be connected to intercom switches to transmit up to 3 codes to open/close gate, barrier, main door, ....

## Application examples:

Connected to external switches to open traffic barrier, main door or other automations.



Creasol UniLock, connected to an electric strike door, permits to activate the electric strike by remote controls



Pressing button Sw1, the device transmits the code used to open, for example, the traffic barrier. Pressing button Sw2 or Sw3 (in parallel), the device transmits a different code used to activate, for example, the electric strike plate of the main door.



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## Wireless connection of two switches to garden lights and well pump

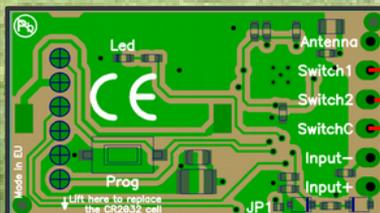
UniRec2 universal receiver, with channel #1 connected to the well pump, and channel #2 connected to the garden lights. You can control both outputs from any remote control, fixed or rolling code, and from SenderBatt.



Well pump  
(230V 3A)

Garden  
lights  
(230V 2A)

SenderBatt connected to 2 external pushbutton switches:  
switch #1 used to activate channel #1 of UniRec2  
(well pump, for watering the garden),  
switch #2 used to activate the channel #2 of UniRec2  
(to switch on/off the garden lights)



SenderBatt is internally supplied by a long life battery that permits to achieve more than 20 000 activations. This is the ideal product to convert one or two switches in wireless switches to control devices placed at up to 200m range, in eye-of-sight condition.