Manuals+ — User Manuals Simplified.

elko ep RFRP-20 Key Fob 6 Buttons Color Black User Manual

Contents

elko ep RFRP-20 Key Fob 6 Buttons Color Black

- **EAN:** 8595188180740
- **EAN:** 8595188180757
- **EAN:** 8595188180764
- **EAN:** 8595188180771

NEW WAY OF PROGRAMMING! = pairing with Inels RF Control receivers

Characteristics

- Key fob-sized remote control, available in black and white.
- When the button is pressed, it sends the set command (ON / OFF, dimming, time on / off, lower / raise).
- RF KEY-40: 4 buttons, each of which allows you to control an unlimited number of components.
- RF KEY-60: 6 buttons, each of which allows you to control an unlimited number of components.
- Replaceable battery (3 V CR 2032) with a service life of approx. 5 years (depending on the frequency of use).

Indicators, settings

Newly produced drivers work in the RFIO2 data protocol mode. These drivers are loaded in the actuators in a different way than before. Among other things, it eliminates the risk of inadvertently loading another randomly occurring controller within range. Drivers can still be switched to so-called compatibility mode, and loaded in a
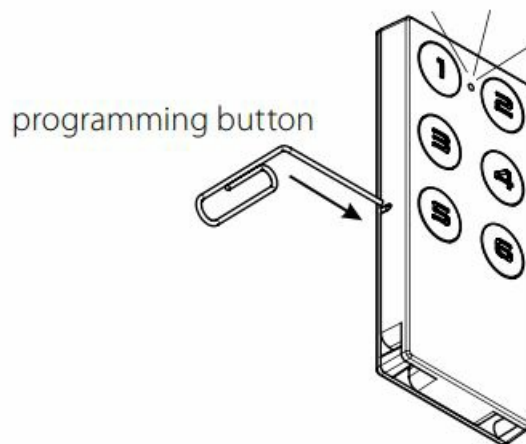
simpler (older way).

The mode in which the controllers are working is changed and indicated after 8 seconds by pressing the 'Prog' button. The LED diode under the pushbutton is on when the button is kept pressed; after 8 seconds it indicates the chosen mode by different flashing intervals. The mode changes to the inverse mode after each pressing of the button.

- **RFIO2 mode** = Double flash (flash, flash, gap, flash, flash)
- **Compatibility mode** = Flash fast (flash, flash, flash, flash, flash)

Update the controller actuators in RFIO2 mode

If the controller is used in RFIO2 mode, then to update the controller actuators, it is necessary to switch not only the actuator to the update mode (according to the instructions for the actuator), but also the controller in the following way:

- Press the programming button on the controller, and converter for more than 1 second and release it.
- The LED diode starts flashing in second intervals. Leave the LED fl ashing
- to activate the programming mode on the actuator by pressing the programming button for more than 1 second. The actuator is also put into the programming mode.
- The desired function can be selected by the respective number of presses of the control pushbuttons or inputs (of the converter).
- The programming modes on the controller and actuator can be closed by pressing the programming button for less than 1 second. The LEDs stop flashing.
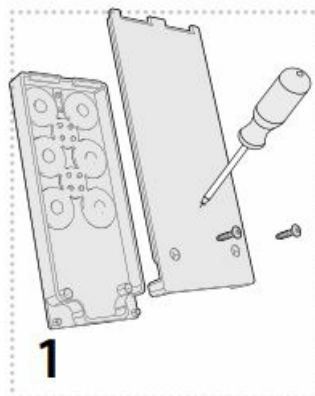

Radiofrequency signal penetration through various construction materials
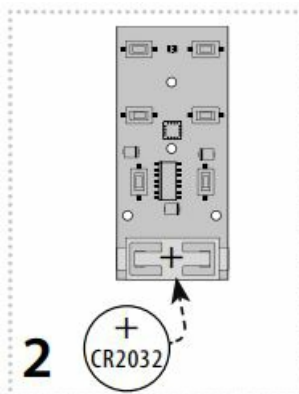

80 - 95 %	80 - 90 %	60 - 90 %	20- 60 %	0 - 10 %
wooden structures with plaster boards	common glass	brick walls	reinforced concrete	metal partitions

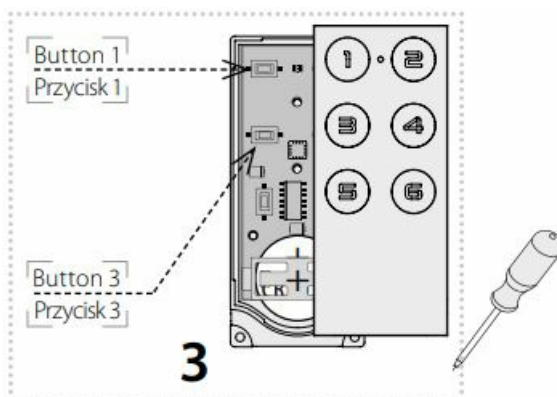**Insertion and replacement of a battery**

- Using a Phillips head screwdriver, remove the screw on the back of the transmitter. Remove the rear cover.

1

- Slide the CR2032 battery into the battery holder. Observe the polarity.

2 (+ CR2032)

- Replace the rear cover and replace the screw.

Button 1
Przycisk 1

Button 3
Przycisk 3

3

Technical parameters

Supply voltage:	3 V battery / bateria CR 2032	
Battery life:	about 5 years depending on the frequency of use	
Transmission indication:	red	
Number of buttons:	4	6
Communication Protocal:	RFIO^2	
Frequence:	866–922 MHz	
Signal transmission method:	one-way addressed message	
Range:	in the open up to 200 m	
Other data		
Operating temperature:	-10 ... +50 °C	
Operating position:	any	
Colour design:	white, black	
Protection:	IP20	
Pollution degree:	2	
Dimensions:	71 x 31 x 8 mm	
Weight:	17 g	
Related standards:	EN 60730, EN 63044, EN 300 220, EN 301 489	

Attention:
When you install the iNELS RF Control system, you have to keep a minimal distance of 1 cm between each unit. Between the individual commands must be an interval of at least 1s.

Safe handling

- When handling a device unboxed it is important to avoid contact with liquids. Never place the device on the conductive pads or objects, avoid unnecessary contact with the components of the device.

Warning

The instruction manual is designated for mounting and also for the user of the device. It is always a part of its packing. Installation and connection can be carried out only by a person with adequate professional qualifications upon understanding this instruction manual and the functions of the device, and while observing all valid regulations. The trouble-free function of the device also depends on transportation, storage, and handling. In case you notice any sign of damage, deformation, malfunction or missing part, do not install this device and return it to its seller. It is necessary to treat this product and its parts as electronic waste after its lifetime is terminated. Before starting installation, make sure that all wires, connected parts or terminals are de-energized. While mounting and servicing observe safety regulations, norms, directives, and professional, and export regulations for working with electrical devices. Do not touch parts of the device that are energized – life threat. Due to the transmissivity of RF signal, observe correct location of RF components in the building where the installation is taking place. RF Control is designated only for mounting in interiors. Devices are not designated for installation in exteriors and humid spaces. They must not be installed into metal switchboards and into plastic switchboards with metal doors – transmissivity of RF signal is then impossible. RF Control is not recommended for pulleys etc. – radiofrequency signal can be shielded by an obstruction, interfered, battery of the transceiver can get fl at, etc., and thus disable remote control.

ELKO EP declares that the RF KEY type of radio equipment complies with Directive 2014/53 / EU. The full EU
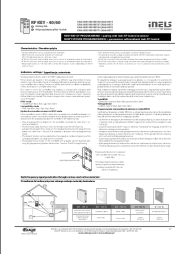
Declaration of Conformity is available at:

- **[www.elkoep.com/controller-%E2%80%93-key-fob-rf-key-40b](#)**
- **[www.elkoep.com/controller-%E2%80%93-key-fob-rf-key-40w](#)**
- **[www.elkoep.com/controller-%E2%80%93-key-fob-rf-key-60b](#)**
- **[www.elkoep.com/controller-%E2%80%93-key-fob-rf-key-60w](#)**

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References

- **[ELKO EP - Global relay manufacturer • ELKO EP](#)**