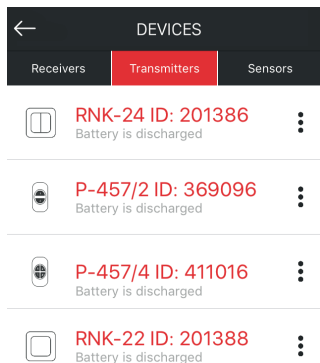


BATTERY CHANGE

As for usual operation, battery discharge status is signalled by means of several LED diode flashes during transmission. If the remote control is paired with a controller, the battery discharge status is indicated in a mobile application in a form of a displayed message. The remote control signals the need to change the battery, if its voltage decreases to < 2,1 V. Only after battery change the optical signal disappears.

1. Remove two screws from the bottom part of the remote control.
2. Remove the upper cover with the silicon keyboard.
3. First remove the PCB and then the battery from the latch.
4. Click any push-button for a few times (to discharge its capacity)
5. Mount a new battery. Watch battery polarisation marked on the latch ("+" potential). **CAUTION: Improper battery mounting can damage the device!**
6. Place again the top cover with the keyboard and tighten the screws.
7. Check the operation – LED diode should switch on in the same way as during transmission.



Optical signalling of battery discharge status in the extra life application

2-CHANNEL REMOTE CONTROL

P-457/2

TECHNICAL DATA

Nominal supply voltage:	3 V DC
Battery type:	CR2032
Battery life:	3 ÷ 5 years (depending on use and operating conditions)
Number of channels (buttons) :	4
Transmission:	ISM band 868,32 MHz
Transmission way:	one-way 9600 bps
Coding:	algorithm based on 128-bit key
Cooperation:	only with extra life system elements
Operating range:	up to 350 m in the open area
Signalling of battery discharge / transmission:	green LED diode
Operating temperature range:	-10 ÷ +55 °C
Operating position:	free
Casing protection degree:	IP (EN 60529)
Protection class:	III
Pollution degree:	2
Dimensions:	74 x 33 x 11,5 mm
Weight:	0,020 kg
Reference standards:	ETSI EN 300 220-1 ETSI EN 300 220-2

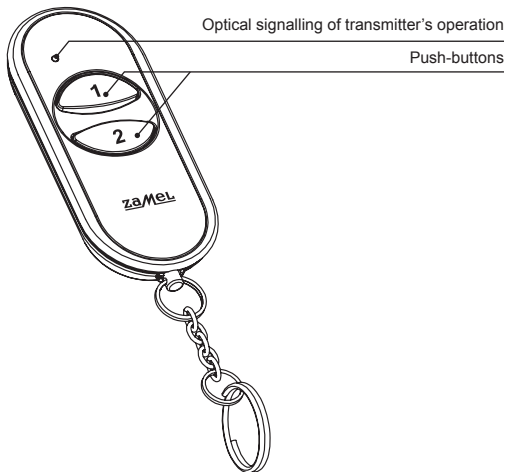
DESCRIPTION

The P-457/2 remote control allows for a wireless control of the extra life system receivers. It is used to realise the following functions: remote lighting switching on / switching off, luminous flux intensity adjustment, roller blind and garage gate closing / opening. The remote control is equipped with two silicone push-buttons, which allow to control two receivers independently. The ergonomic shape and small dimensions influence its operation, which is easy and comfortable. The remote control can be attached with keys by means of a chain and a keyring. Transmission and battery discharge status are signalled by means of a built-in LED diode. The control safety is provided by a coded radio transmission.

FEATURES

- 2 push-button (2-channel) radio remote control
- remote control of extra life system receivers
- possibility of independent control of two receivers
- coded radio transmission
- battery powered
- small dimensions, ergonomic silicone buttons
- wide operation range (up to 350 m in the open area)

APPEARANCE



OPERATION

After pressing a push-button the remote control sends a radio signal to the EXTA LIFE system receivers. The above procedure is optically signalled by a flashing green LED diode. Receiving a signal by a receiver is done in the same way. A remote control must be paired with receivers to properly cooperate with them. The pairing procedure (adding particular push-buttons to the memory of a receiver) is described in instruction manuals of different extra life receivers. The remote control sends a radio signal only during pressing / releasing its push-button. In case a push-button is pressed, a radio signal is not sent. It protects against a quick battery discharge.

REMARKS REGARDING USAGE

STANDARD FUNCTIONALITY

- standard functionality allows to control directly the extra life system receivers,
- functionality of particular push-buttons of a remote control depends on the type of a receiver the push-buttons have been paired with (e.g., after pairing with ROP-22, its push-buttons can be used to switch on / switch off the light, and after pairing with SRP-22, a roller blind controller, the push-buttons can be used to close/open roller blinds),
- particular push-buttons can be assigned simultaneously to a larger number of extra life system receivers,
- in case one remote control must control more than one receiver, then the recommended operation mode is the „switch on / switch off“ mode (e.g.: push-button „1“ – switch on, push-button „2“ – switch off or reversely),
- remote control push-buttons can be assigned to receivers in different operation modes, depending on the type of a receiver (details are described in instruction manuals of particular extra life receivers),
- if a remote control push-buttons are assigned to a receiver in time mode, then it is possible to assign an individual time for each push-button in the range from 1 second to 18 hours,
- push-buttons can be selectively deleted from the memory of receivers.

FUNCTIONALITY WITH A CONTROLLER AND EXTA LIFE APPLICATION

By means of the EXTA LIFE controller and a mobile application, it is possible to:

- add remotely (without an access to a receiver) particular push-buttons of a remote control to selected receivers,
- use push-buttons of a remote control to play scenes – or use it as a condition of a logic function,
- control battery status in a transmitter.

COOPERATION AND OPERATING RANGE

	ROP-21	ROP-22	RDP-21	SRP-22	EFC-01
RNK-22	280 m	300 m	280 m	300 m	350 m
RNK-24	280 m	300 m	280 m	300 m	350 m
P-457/2	280 m	300 m	280 m	300 m	350 m
P-457/4	280 m	300 m	280 m	300 m	350 m
EFC-01	330 m	350 m	330 m	350 m	-

CAUTION! The given range concerns the open area - an ideal condition without any natural or artificial obstacles. If there are some obstacles between a transmitter and a receiver, it is advisable to decrease the range according to: bricks from 10 to 40 %, wood and plaster from 5 to 20 %, reinforced concrete from 40 to 80 %, metal from 90 to 100%, glass from 10 to 20 %. Over- and underground medium and high electrical power lines, radio and television transmitters, GSM transmitters set close to a device system have also a negative influence on the range.