





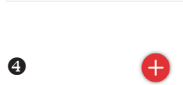
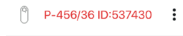
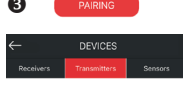
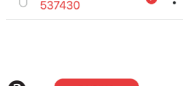
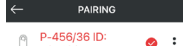
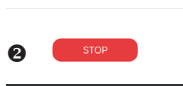
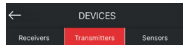
REGISTERING (PAIRING) OF P-456/36 IN EXTA LIFE

You need to register the remote control in the EXTA LIFE system to:

- remotely bind remote control buttons to specific EXTA LIFE receivers (without physical access to the receivers);
- bind specific button(s) to playback scene(s);
- program a remote control button as a condition to execute a logical function.

To register the remote control in the EXTA LIFE system, connect the EXTA LIFE controller and install the EXTA LIFE mobile app. The transmitters are saved as registered in the EXTA LIFE system only if they have been successfully paired with the EXTA LIFE controller. Procedure:

1. Launch the EXTA LIFE mobile app and open the Devices screen.
2. Select the Transmitters tab and press the "+" button  to start discovering the remote controls. The discovery takes up to 60 s. You can terminate it earlier by pressing Stop . To discover a remote control, press any control button on it while the discovery is active. If the remote is in range of the EXTA LIFE controller, it will appear on the on-screen list with its default icon and name, which is the remote control model (P-456/36) with its six-digit ID in the suffix. You do not need to stop the discovery to register more than one pilot.
3. Once the discovery has been completed or stopped manually, check the selection boxes next to the discovered remote controls on the list to choose those you want to pair with the EXTA LIFE controller. You can check more than one remote control with the selection boxes. You can use the pop-up menu to modify a remote control's name before pairing.
4. Press PAIR  to pair the selected remote controls. The selected remote controls will be paired with the EXTA LIFE system after a short moment and appear in the Transmitters tab .
5. A default icon is assigned to each paired remote control.
6. You can pair one remote control at a time; once PAIR has been pressed, you can assign a new name to the remote control. When pairing more than one remote control at the same time, they will be saved under their default names.
7. You can also modify the default names of the P-456/36 remote controls once they have been paired.
8. Only when paired can the remote control be used to set up the EXTA LIFE system configuration (remote assignment of receivers, scenes or logical functions).



36-CHANNEL REMOTE

P-456/36

TECHNICAL DATA

Nominal supply voltage:	3 VDC
Battery type:	1 x CR2032
Operating range:	up to 350 m in the open area
Transmission:	ISM band 868,50 MHz
Cooperation:	only with exta life system elements
Transmission way:	one-way 9600 bps
Coding:	algorithm based on 128-bit key
Number of channels:	36
Signalling of battery discharge / transmission:	green LEDs (LED ring)
Battery life:	3 + 5 years (depending on use and operating conditions)
Operating temperature range:	-10 + +55 °C
Casing protection degree:	IP20
Protection class:	III
Dimensions:	152 x 43 x 17,5 mm
Weight:	0,06 kg
Reference standards:	PN-ETSI EN 300 220-1, PN-ETSI EN 300 220-2

DESCRIPTION

The P-456/36 remote control enables wireless operation of EXTA LIFE system receivers. The remote control can turn lights on and off and operate the light dimmer function. The large number of control channels makes the product perfect for operating roller shutters in a single system. Up to 18 roller shutters can be controlled in the local or central (group) mode. The remote control features 8 buttons, with 6 for operating the controlled equipment and 2 for shift buttons for switching between button banks. Each button bank features 6 buttons. The remote control then has 6 button banks, providing a total of 36 buttons (equivalent to channels). You may operate up to 36 receivers in the system independent of each other. The ergonomic form of the remote control makes operation very convenient. The integrated magnet is a holder for a quick installation of the device. The LED ring indicates transmission, active button bank number, and low battery status. The RF transmission is encrypted for increased control security.

FEATURES

- 36-button (36-channel) remote control
- 6 independent button banks of 6 buttons each
- Controls up to 36 EXTA LIFE receivers independent of each other
- Operates up to 18 EXTA LIFE roller shutter controllers independent of each other
- Encrypted RF transmission
- Small size and ergonomic silicon buttons with a stylish overall design
- Long operating range (max. 350 m in open areas).

OPERATING CONSIDERATIONS

STANDARD FUNCTIONALITY

- The standard functionality enables wireless operation of EXTA LIFE system receivers.
- The function of each remote control button depends on the operated receiver type the button has been assigned to during remote control programming (example: if paired to an ROP-22 receiver, the buttons can be used to turn lights on and off; if paired to an SRP-22 controller, the buttons can open and close roller shutters).
- Individual buttons can be assigned to more than one EXTA LIFE system receivers.
- If a single remote control is to operate more than one receiver, the recommended button operation mode is On/Off (example: button (1) is the On command, button (2) is the Off command, or vice versa).
- When operating roller shutters with the P-456/36 remote control (paired to an SRP-22), two buttons are required (one for the Up command, and one for the Down command). The remote control can operate up to 18 roller shutters independent of each other. The remote control buttons can work in the local or central (group) control mode.
- You can assign the remote control buttons to receivers with different operating modes, the range of which depends on the receiver type (details see the applicable EXTA LIFE receiver user manuals).
- If the remote control buttons are programmed to a time-mode receiver, each button can be assigned with a custom time value from 1 s to 18 hours.
- You can delete specific button bindings from the receiver memory.

FUNCTIONAL WITH EXTA LIFE CONTROLLER AND APP

Functionalities enabled with the EXTA LIFE controller and app:

- Remote binding of individual remote control buttons to specific controllers
- Program remote control buttons to playback scenes or as conditions to execute logical functions
- Monitor the transmitter's battery life.

These functions are enabled only on a remote control paired with an EXTA LIFE controller (by registering the remote control in the EXTA LIFE system).

DEVICE COOPERATION AND TRANSMISSION 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
P-456/8	280 m	300 m	280 m	300 m	350 m
P-456/36	280 m	300 m	280 m	300 m	350 m
EFC-01	330 m	350 m	330 m	350 m	-

CAUTION! The transmission range is specified to open areas, which are perfect transmission conditions without obstacles. If there are the following obstacle types between the transmitter and the receiver, expect the transmission range to be reduced by 10 to 40% for brickwork, 5 to 20% for wood and drywall, 40 to 80% for reinforced concrete, 90 to 100% by metal, and 10 to 20% by glass. The transmission range is also adversely affected by overhead and underground high-voltage power lines and GSM transmitter bases located near the devices.

OPERATION

1. Press ◀ or ▶ to select the button bank to operate. The active button bank is indicated with a single LED turned on at the respective button bank number (for the button banks from 1 to 5) Button bank 6 is active when all 5 LEDs are on. Confirm the active bank button by pressing any control button (1 to 6).
2. With a button bank active, operating the control buttons 1 to 6 transmits RF signals to the EXTA LIFE system components. The transmission is indicated with the green LEDs flashing on the remote. A single LED at the active button bank number is on for button banks 1 to 5. When active, button bank 6 is indicated by LEDs 2 and 4 flashing.
3. If the LED flashes fast several times when a control button is released, the remote control battery is low.

To properly work and control the receivers, you need to pair the remote control with them. See the applicable EXTA LIFE receiver user manuals for pairing instructions (programming specific buttons in the receiver memory). The remote control will only transmit when a button is pressed and then released. No command signal is transmitted as long as a button is held pressed. This feature prevents fast battery drainage.

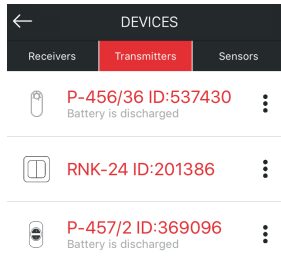
REPLACING THE BATTERY

During normal operation, low battery is indicated by the LED flashing fast several times when a button is pressed and released to transmit. If the remote has been paired with an EXTA LIFE controller, the low battery status is indicated by the EXTA LIFE mobile app with the Battery: Low message. The remote control will indicate that the battery has to be replaced until the battery voltage drops to < 2.1 V. The low battery indication stops only when the battery has been replaced. The remote control requires a single CR2032 (3 V) battery.

1. Remove the two screws on the underside of the remote control.
2. Remove the top enclosure part with the silicon button pad.
3. Remove the battery from the clip.
4. Press any transmitter button several times (this is to drain residual voltage).
5. Install a new battery. Mind the polarity. The polarity is marked on the battery clip terminal (the "+" pole).

CAUTION: Wrong battery polarity may damage the remote control!

6. Attach the top enclosure part with the silicon button pad and retighten the two screws.
7. Verify proper operation: the remote control LEDs should be on like when transmitting.



Low battery indication in the EXTA LIFE app