

# UPROX Keyfob B4 User Manual

## Wireless Key Fob for Controlling the U-PROX Security System

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## 1. Description

The UPROX Keyfob B4 is a compact, wireless key fob designed to control the UPROX MPX security system. It provides a convenient interface for arming and disarming the system and features two programmable buttons and an LED indicator for user interaction. The device can also be used as a panic button.

For technical support, please contact:

Phone: +38(091)481-01-69

Email: [support@u-prox.systems](mailto:support@u-prox.systems)

**WARNING:** RISK OF EXPLOSION IF THE BATTERY IS REPLACED WITH AN INCORRECT TYPE. Dispose of used batteries according to national regulations.

The key fob communicates via a secure, two-way ISM wireless interface (868.0–868.6 MHz) over a distance of up to 100 m in open space and is powered by a single CR2032 battery with a service life of up to 5 years.

## 2. Features

### Wireless Communication:

- Frequency: 868.0–868.6 MHz
- Multiple channels for redundancy
- Secure two-way communication with a 256-bit encryption key
- Effective range: up to 100 m in open space

#### User Interface:

- Two dedicated buttons for arming and disarming
- One programmable button (set for partial arming/stay mode by default)
- Integrated LED indicator for status feedback

#### Power Supply:

- 3 V from a CR2032 battery (pre-installed)
- Battery life: up to 5 years

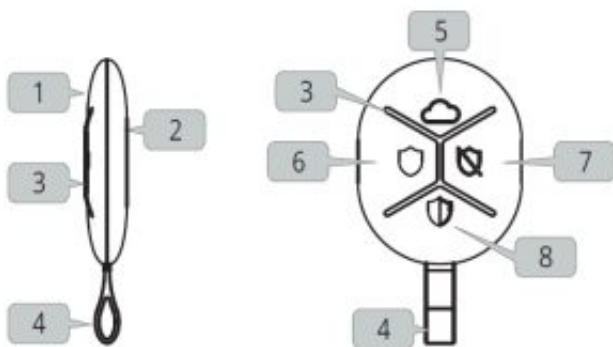
#### Design:

- Compact and elegant with a slim case
- Available in white and black
- Dimensions: Ø39 x 9 x 57 mm
- Weight: 15 grams

**Operating Temperature:** From  $-10^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

**Warranty:** 2 years from the date of sale

## 3. Functional Parts



1. The top cover of the keychain.
2. Lower cover of the case
3. LED indicator
4. Strap for attachment
5. Programmable button
6. Button for arming the device.
7. Button "Disarm".
8. Programmable button  
(by default - Partial Arming / Stay Armed / Perimeter / Night Mode)

## 4. Registration and Configuration

## Proximity Registration:

- Hold the UPROX Keyfob B4 within 2 m of the UPROX MPX security center.
- Registration is performed at minimal power to avoid interference from neighboring systems.

## Using the UPROX Installer App:

- Launch the UPROX Installer mobile application.
- Select the appropriate UPROX MPX device from the list.
- On the “Users” tab, create a new user or select an existing one.
- Press “Add Keyfob” and then press and hold any button on the key fob for approximately 10 seconds until the LED indicator flashes green.

**Configuration:** Follow the in-app instructions to assign the desired functions (e.g. arming, disarming, panic) to each button.

# 5. Operation and User Interaction

## 5.1 Basic Operation

- **Arming the System:** Press the “Arming” button to arm your security system.
- **Disarming the System:** Press the “Disarming” button to disarm your security system.
- **LED Feedback:** The LED indicator provides visual confirmation of your commands.

## 5.2 Using the Programmable (Soft) Buttons

- **Customization:** The two programmable (soft) buttons can be configured to perform secondary functions such as partial arming (e.g., “Stay Arm” or “Night Mode”) or other user-defined commands.
- **Programming:** Use the U-PROX Installer app to configure the functions assigned to these buttons.
- **Panic Function:** The key fob can be used as a panic button by configuring one of the programmable keys accordingly.

# 6. Compatibility

The UPROX Keyfob B4 is designed for controlling the UPROX MPX security system. It is compatible with control panels and signal range extenders such as MP WiFi Center, MP Center, MPX G, MPX L, MPX LE and Extender, Extender Plus. It can be integrated into an existing security system as part of a unified complex with other devices.

## 7. Battery Replacement

**WARNING:** Only use the recommended CR2032 battery.

1. Launch the key fob by removing it from its mounting (if applicable).
2. Press and open the key fob by following the in-device instructions.
3. Replace the CR2032 battery, ensuring the correct polarity.
4. Reassemble the key fob securely and verify that the LED indicator functions properly.
5. Dispose of used batteries according to local regulations.

## 8. Warranty

The warranty for U-PROX devices (excluding batteries) is valid for two years from the purchase date. If issues arise, please contact

**[support@u-prox.systems](mailto:support@u-prox.systems)**

—remote troubleshooting may be available.

## 9. Manufacturer Contact

If you require further assistance, please contact the manufacturer using the information below:

Phone: +38 (091) 481-01-69

E-mail: **[support@u-prox.systems](mailto:support@u-prox.systems)**

Website: **[www.u-prox.systems](http://www.u-prox.systems)**

## 10. Scope of Delivery

The complete package includes:

- UPROX Keyfob B4
- CR2032 Battery (Pre-installed)
- Quick Start Guide

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