

Introduction

This manual describes how to use and configure the U-Prox Button—wireless multifunctional buttons for controlling the U-Prox security system. Please read this manual carefully before using the device.

Technical support for all U-Prox products is provided by phone: +38(091)481-01-69 and/or by e-mail:

support@u-prox.systems.

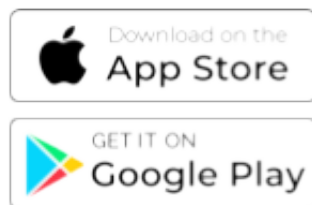
Security Warnings

WARNING. THE DEVICE HAS A BUILT-IN BATTERY. REPLACING THE BATTERY WITH AN INCORRECT TYPE MAY RESULT IN FIRE OR EXPLOSION. DISPOSE OF USED BATTERIES IN ACCORDANCE WITH LOCAL LAWS AND REGULATIONS.

Applications for Customization

U-Prox Installer Mobile Application

The U-Prox Installer mobile application is designed for setting up the U-Prox wireless security system. It is intended for both individual users and engineers of central monitoring stations. Using a mobile phone, the app allows you to perform full system setup – installing, testing, and calibrating wireless elements; configuring security groups; connecting to monitoring stations; and adding users with rights to control the security system via the U-Prox Home app.



Installer Web Portal

The U-Prox Installer WEB portal is designed to configure the U-Prox wireless security system. It is intended for both individual users and engineers of central monitoring organizations. Using a

web browser, you can perform the full configuration of the security system – installing, testing, and calibrating wireless elements; configuring security groups; connecting to monitoring stations; and adding users with rights to control the system via the U-Prox Home app.

<https://web-security.u-prox.systems/>

Description and Principle of Operation

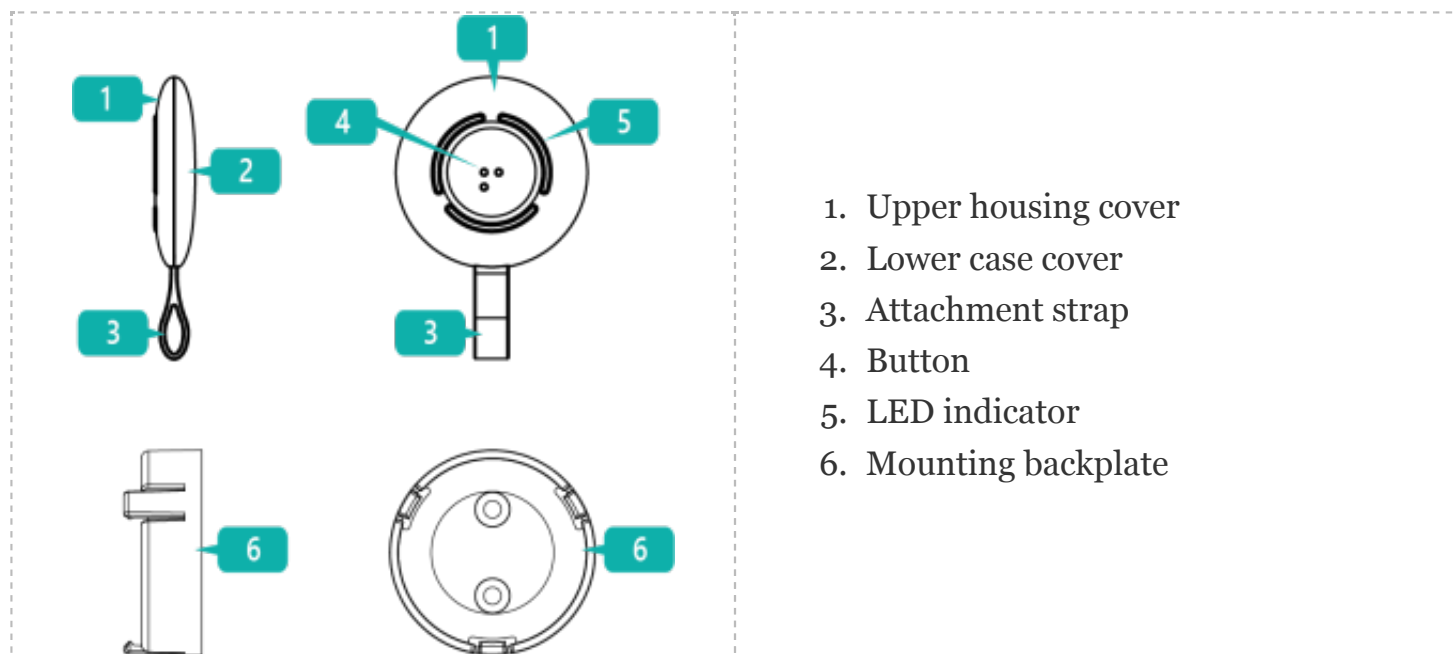
U-Prox Button is a wireless key fob/button for controlling the U-Prox security system. It features one programmable button and an LED indicator that communicates with the security system user.

It can be used as a panic button (attack signal), a fire alarm button, a medical alarm button, a key fob to confirm patrol arrival, for switching relays on and off, and for other functions.

The button press mode is customizable, allowing you to define the type of alert or action transmitted upon activation.

A mounting backplate is included for stationary installation. Note that the device works only with the U-Prox security system; connection to third-party systems is not supported.

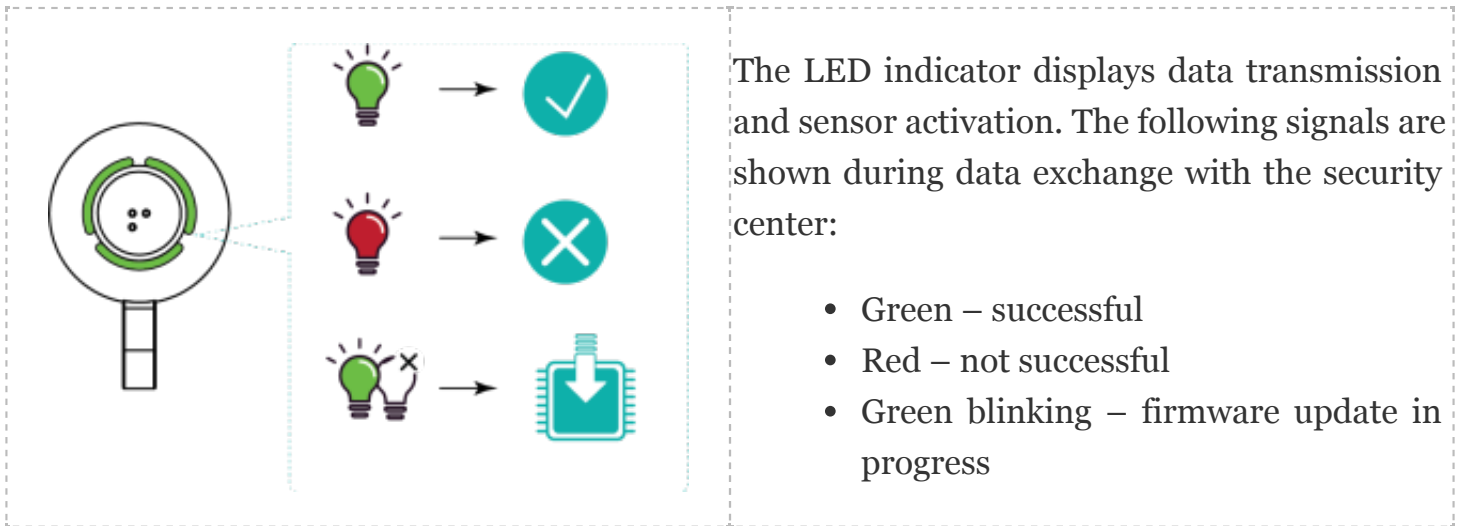
Functional Elements of the Device



Power Supply

The device uses a CR2032 lithium battery, which enables it to operate for up to 5 years on a single battery.

Indication



Installation

Selecting the Installation Location

Carefully choose the installation location for the U-Prox Button, taking into account the requirements for concealed installation and any obstacles that might limit its operational range.

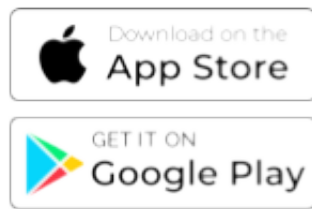
The device must not be placed outdoors, in environments with unsuitable humidity or temperature, in areas with high levels of radio interference, near objects that may attenuate or shield the radio signal (such as metal or mirrors), or closer than 1 meter to the security center.

It is recommended to install the device following these steps:

1. Register the device in the security system using the U-Prox Installer mobile application.
2. Select the installation location.
3. Install the mounting backplate.
4. Attach the device to the backplate.

Installation

1. The kit includes a backplate and double-sided adhesive tape to secure the device to the backplate.
2. Mount the backplate using the screws and dowels provided in the kit.
3. Apply the double-sided adhesive tape on the backplate.
4. Place the device on the backplate and press it down firmly to secure it.



Turning on the Device

Press and hold the button (8) for 3 seconds to turn on the device – the LED indicator will light up. If the device has already been registered in the security system, it will switch to standby mode.



WARNING. IF THE DEVICE HAS NOT BEEN REGISTERED, IT WILL ENTER SLEEP MODE AFTER 30 SECONDS.

Settings

1. Download and install the U-Prox Installer mobile application for system configuration.
2. Launch the U-Prox Installer application and log in, or access the system via the U-Prox Installer WEB portal.

If necessary, register in the system as an autonomous installer or obtain access as a security company installer.

Adding a Device to the Security System (Registration)

Launch the U-Prox Installer application or open the WEB portal in a browser and log in. Then, select the U-Prox MPX to which you want to add the wireless button from the list of devices.

Next, go to the “Users” section, select the user for whom you wish to configure the panic button, and click the “Configure key fob” button. The device settings will then open.

Choose the “Operation mode” that will be transmitted when the button is pressed. The available modes are:

1. Silent Alarm (or panic button – “Intruder Alarm”, CTS): when pressed, the system switches to the Silent Alarm state without activating the sound alert (siren) and transmits an alarm notification.
2. Loud Alarm: when pressed, the system switches to the “Alarm” state, activating the sound alert (siren) and transmitting an alarm notification.
3. Medical Alarm: when pressed, the system transmits a Medical Alarm notification.

Also, select the “Group” to which the device belongs. A security group is a logical collection of zones within a protected premises (for example, a room, apartment, garage, or floor of a building) and is the minimal security unit. Security groups allow you to control all zones simultaneously and are independent – users can manage and view only those groups, devices, and events for which they have been granted access.

Finally, set the “Press mode” to define the triggering conditions when the button is pressed.

Removing a Device

1. Launch the U-Prox Installer application or log in via the U-Prox Installer WEB portal.
2. Select the security center from the list.
3. In the “Users” section, select the user and click the “Customize key fob/alarm button” button.
4. Then click the “Delete” button and confirm deletion.

Wireless Device States

The device displays its status through the following indicators:

- Battery charged
- Battery charge level
- Battery critically low
- Battery defective

Service

The device normally requires minimal maintenance.

Replacing the Battery

To replace the battery, you will need a thin-blade tool (such as a utility knife):

1. Remove the device from the backplate.
2. Insert a knife blade into the gap between the top and bottom of the case on the side opposite the strap. Gently release the latches by moving the blade around.
3. Replace the CR2032 battery.
4. Dispose of used batteries in accordance with local laws and regulations.
5. To reassemble the device:
 - a. Attach the strap to the pin on the top cover of the case.
 - b. Place the board in the chassis according to the guides.
 - c. Install the bottom cover with a 1.5 mm offset, ensuring it aligns with the strap.
 - d. Press the cover down gently to complete the assembly.

Compliance with Standards

The device complies with the following standards:

- RED (Radio Equipment Directive) Directive 2014/53/EU
- EU ROHS Directive 2011/65/EU, EN IEC 63000:2018
- EN 62311:2008
- EN 62368-1:2014
- EN 50130-4:2011/A1:2014
- EN 61000-6-3:2007/A1:2011
- ETSI EN 301 489-1 v2.2.3
- ETSI EN 301 489-3 v2.1.1
- Additional applicable standards as per product specification

Warranty Obligations

The warranty period for U-Prox devices (excluding batteries) is 2 years from the date of sale. If your device does not function properly, please contact

support@u-prox.systems

as the issue may be resolved remotely.

The Delivery Package

1. U-Prox Button
2. CR2032 battery (pre-installed)
3. Mounting backplate
4. Installation kit

