

# U-PROX Keypad G1 User Manual

Version: UA.0.004 | Release Date: 03.2024

## Table of Contents

1. Description
  2. Features
  3. Functional Parts
  4. Installation and Mounting
  5. Registration and Configuration
  6. Operation
    1. Using the Keypad
    2. Changing the User Code
  7. Battery Replacement
  8. Warranty
  9. Manufacturer Contact
- 

## Description

This manual describes the installation, configuration, and operation of the U-PROX Keypad G1 – a compact, wireless keypad designed for arming and disarming your U-PROX security system, as well as for viewing device status and receiving alarms. Users can enter a digital code to select functions such as “Arm,” “Disarm,” or “Partial Arm.” The “OK” button allows status viewing without activating any commands.

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

## Safety Warnings

When installing and operating this device, adhere to the "Rules for the Technical Operation of Electrical Devices" and "Safety Rules for the Operation of Electrical Devices". Always install the keypad with the power turned off and use only the recommended battery type.

## Features

- **Wireless Communication:** Operates on 868.0–868.6 MHz with multiple channels for redundancy and secure, two-way communication using a 256-bit encryption key. Effective range up to 2000 m in open space.
- **User Interface:** Digital keypad for code entry with dedicated buttons for arming, disarming, and partial arming; includes an “OK” button for status viewing.
- **Power Supply:** Powered by two AAA (LR03) alkaline batteries (3 V). Standby consumption is  $\leq 30 \mu\text{A}$ , and active consumption is  $\leq 60 \text{ mA}$ , providing up to 2 years of battery life.
- **Design:** Ergonomic, miniaturized design available in white and black, with simple and convenient mounting.

## Functional Parts

1. **Keypad Housing:** The main body of the keypad.
2. **Digital Keypad:** The array of buttons for entering the user code and selecting actions.
3. **Rear Battery Compartment:** Area for the two AAA (LR03) batteries.
4. **Tamper Contact:** Indicates if the device has been tampered with.
5. **On/Off Switch:** Powers the keypad on or off.
6. **Mounting Plate:** For attaching the keypad to a surface.
7. **Indicator Button (“Partial Arm”):** Displays the status of partial arming (or “Stay/Night Mode”).

## Installation and Mounting

### Selecting the Installation Location

Choose a location with optimal wireless signal strength (minimum 1 m from the security center). Avoid areas with extreme humidity, high temperatures, or heavy radio interference that may hinder signal reception.

### Mounting Procedure

1. **Release:** Use a plastic card to gently release the keypad from its current mounting plate.
2. **Re-Mounting:** Remove the keypad and remount it using the provided screws and dowels on the new mounting plate.
3. **Locking:** Slide the keypad downward until the tamper contact locks in place. The LED indicator will flash to confirm proper installation.

## Registration and Configuration

Place the keypad within 2 m of the U-PROX MPX security center during registration to ensure a strong signal.

1. **Launch the U-PROX Installer App:** Open the mobile application and follow the on-screen instructions to register the keypad with your security center.
2. **Configuration:** Set up parameters such as user codes, arming/disarming actions, and forced codes (for silent alarms) via the app.

## Operation

### 6.1 Using the Keypad

1. **Code Entry:** Enter your user code; once the first digit is pressed, the indicator lights will activate.
2. **Action Selection:** Press the corresponding button to arm, disarm, or partially arm the system. Use the “OK” button to view the current system status without triggering any action.
3. **Error Reset:** If an incorrect code is entered, press the “Cancel” button to reset your input.

### 6.2 Changing the User Code

1. Press and hold the “OK” button until you hear an audible signal.
2. Press the button labeled “4” and enter your existing code.
3. Enter the new code twice for confirmation.
4. **Forced Code (Silent Alarm):** For each user code, an additional forced code is automatically generated (by incrementing the last digit by one, e.g., 258238 becomes 258239).
5. If five unsuccessful attempts are made, the keypad will lock for 10 minutes.

## Battery Replacement

**WARNING:** Use only the recommended alkaline (LR03) AAA batteries. Do not use non-approved battery types.

1. Remove the keypad from its mounting using a plastic card.
2. Open the battery compartment by gently prying apart the top and bottom covers.
3. Replace the two AAA batteries, ensuring the correct polarity.
4. Reassemble and remount the keypad.
5. Dispose of used batteries according to local regulations.

## Warranty

The warranty for U-PROX devices (excluding batteries) is valid for two years from the date of sale. If the keypad does not operate correctly, please contact [support@u-prox.systems](mailto:support@u-prox.systems) for assistance. Many issues can be resolved remotely via technical support.

## Manufacturer Contact

For further information or technical support, please contact:

- **Phone:** +38(091)481-01-69
- **Email:** [support@u-prox.systems](mailto:support@u-prox.systems)
- **Website:** [www.u-prox.systems](http://www.u-prox.systems)