Manuals+ — User Manuals Simplified.

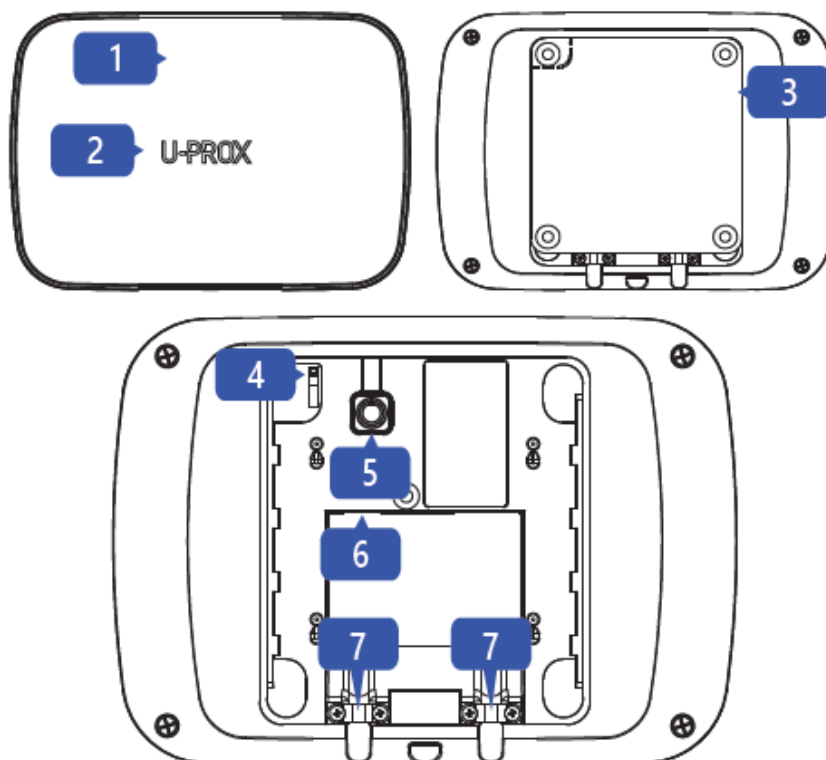# U-PROX Extender Band Radio Range Extender User Manual

Contents

U-PROX Extender Band Radio Range Extender

Is a part of the U-Prox security alarm system User manual Manufacturer: Integrated Technical Vision Ltd. Vasyl Lypkivsky str. 1, 03035, Kyiv, Ukraine

U-Prox Extender – is a range extender. The device significantly EN increases the radio communication distance between the U-Prox control panel and other wireless devices. Supports connection up to 200 devices (sensors, keypads, key fobs, etc.) via radio channel at a distance of up to 4800 m. Distance to U-Prox – up to 4800m line of sight. The device is connected to the control panel and is configured with the U-Prox Installer mobile application. Functional parts of the device

1. device case

2. lights

3. mounting plate

4. Tamper switch

5. on/off button

6. power connector

7. Cable CLamp

TECHNICAL SPECIFICATIONS

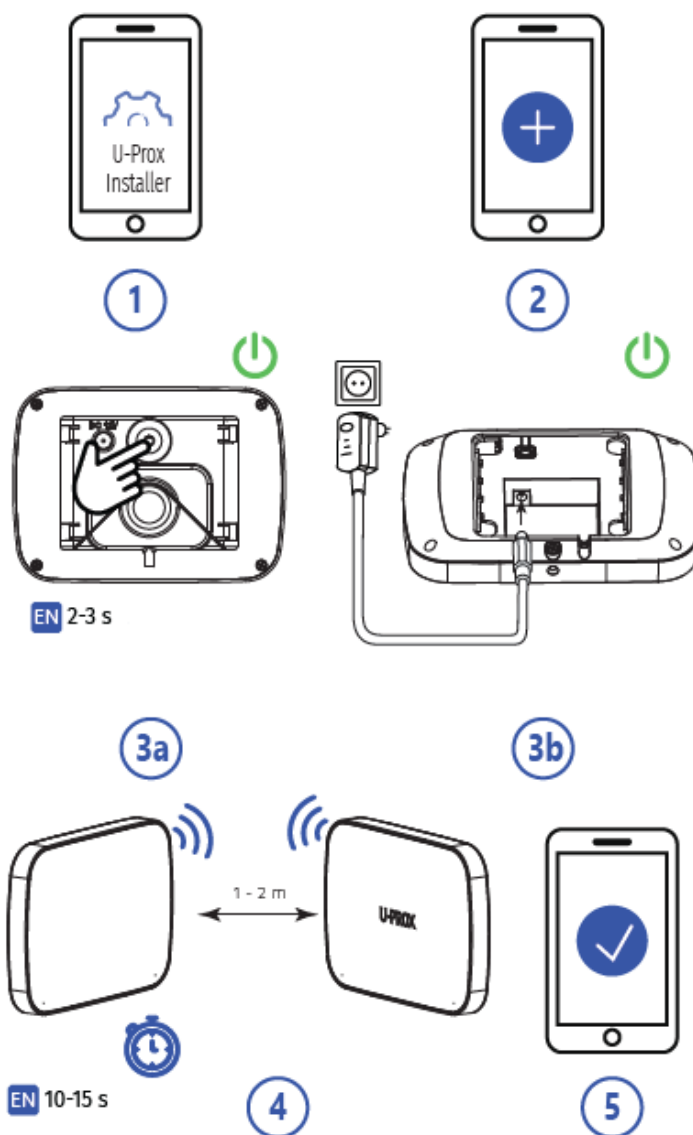|	
Retransmission	automatic, the optimal route selection
Repeaters in the system	8
Retransmission levels	1
Power supply	12 VDC
Battery backup	2500 mAh battery, up to 36 hours
Radio frequency	ISM-band wireless interface with several channels
	ITU region 1 (EU, UA): 868.0 to 868.6 MHz, bandwidth 100kHz, 20 mW max., up to 4800m to hub and up to 4800m to wireless devices (in line of sight); **ITU region 3 (AU):** 916.5 to 917 MHz, bandwidth 100kHz, 20 mW max., up to 4800m to hub and up to 4800m to wireless devices (in line of sight); **Russian Federation:** 868.0 to 868.2 MHz, bandwidth 100kHz, 10 mW max., up to 3200m to hub and up to 4800m to wireless devices (in line of sight);
Communication	Secure two way communication, sabotage detection, key - 256 bits
Operating temperature range	0°C to +45°C
Dimensions & weight	167 x 120 x 25.4 mm & 260 grams
Case colour	white, black

complete set

1. U-Prox Extender;

2. one 18650 battery (pre-installed);

3. power supply;

4. Quick start guide

Caution: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN WRONG TYPE. Dispose of used batteries according to national regulations.
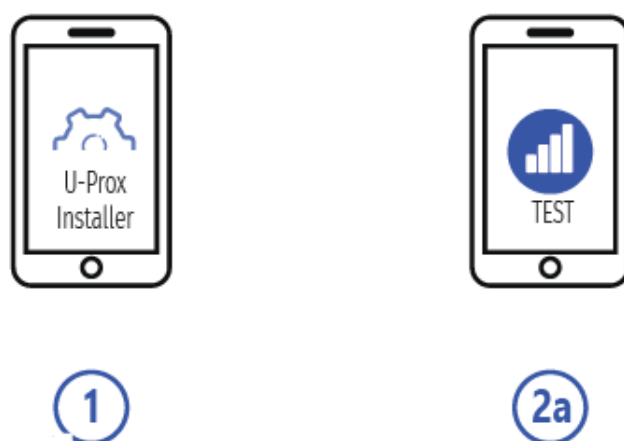
Warranty

The warranty for U-Prox devices (excluding batteries) is valid for one year from the date of purchase. Contact us if your device is working incorrectly. **support@u-prox.system** s at first, maybe it can be solved remotely.
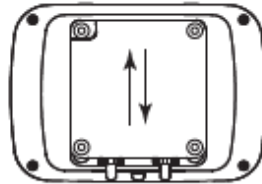
REGISTRATION

① U-Prox Installer

② (+)

3a EN 2-3 s

3b

④ 1 – 2 m · EN 10-15 s

⑤ ✓

RANGE TEST FOR OPTIMAL INSTALLATION LOCATION

① U-Prox Installer

2a TEST
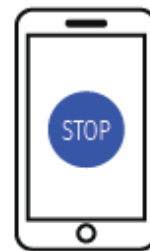
- Due to Grade 2 requirement RF link works with reduction of power in 8 dB
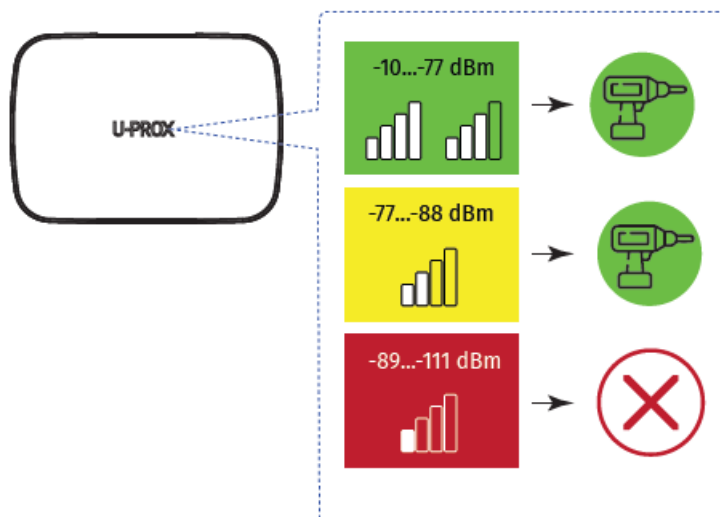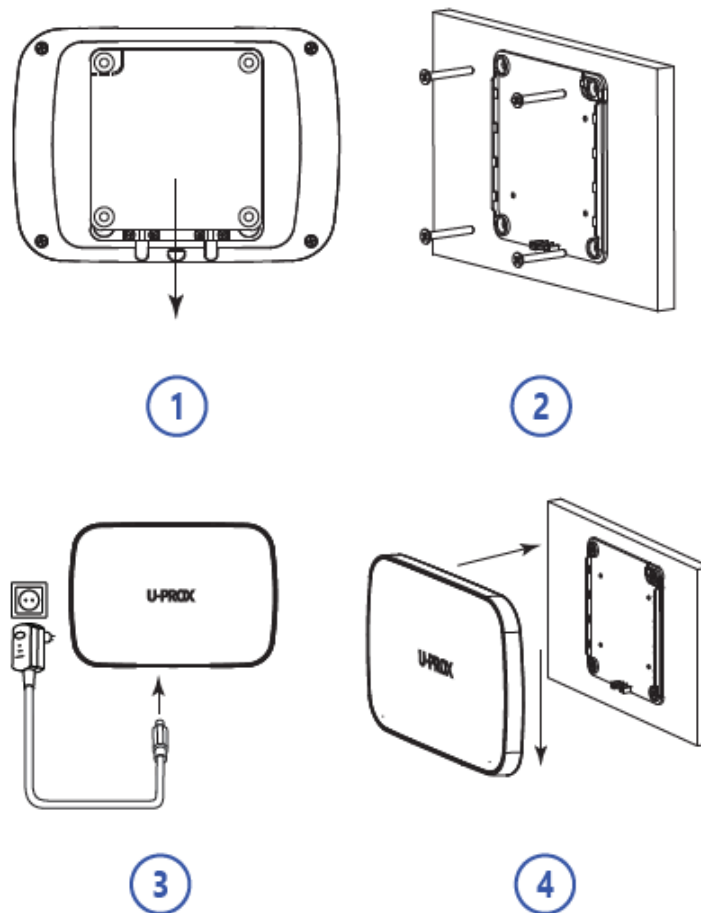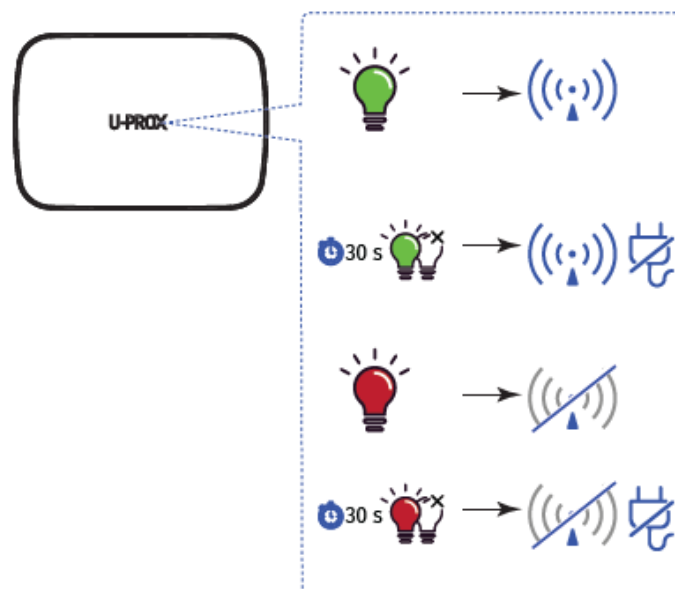

INDICATION IN RANGE TEST MODE

INSTALLATION

INDICATION

- www.u-prox.systems
- support@u-prox.systems
- www.u-prox.systems/doc_extender

Documents / Resources

	U-PROX Extender Band Radio Range Extender [pdf] User Manual Extender Band Radio Range Extender, Extender, Band Radio Range Extender, Radio Range Extender, Range Extender, Extender