



U-ProxExtender Band Radio Range Extender User Manual

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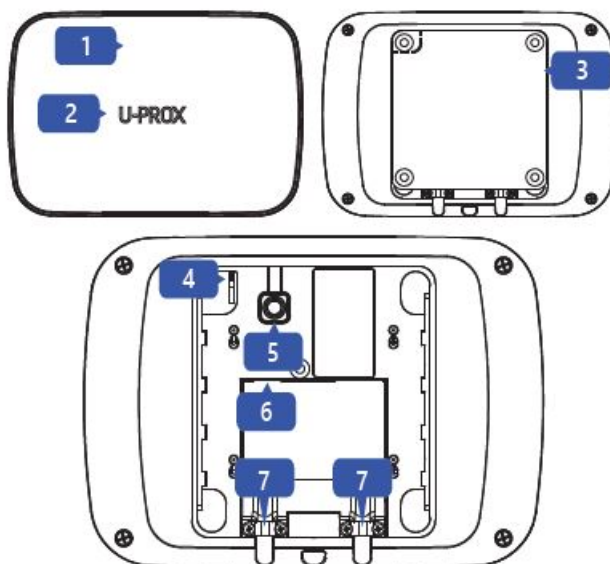
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U-PROX

U-ProxExtender Band Radio Range Extender



U-PROX BAND RADIO RANGE EXTENDER



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 (see picture)

1. Device case
2. Light indicator
3. Mounting plate
4. Tamper switch
5. On/Off button
6. Power supply 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).
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

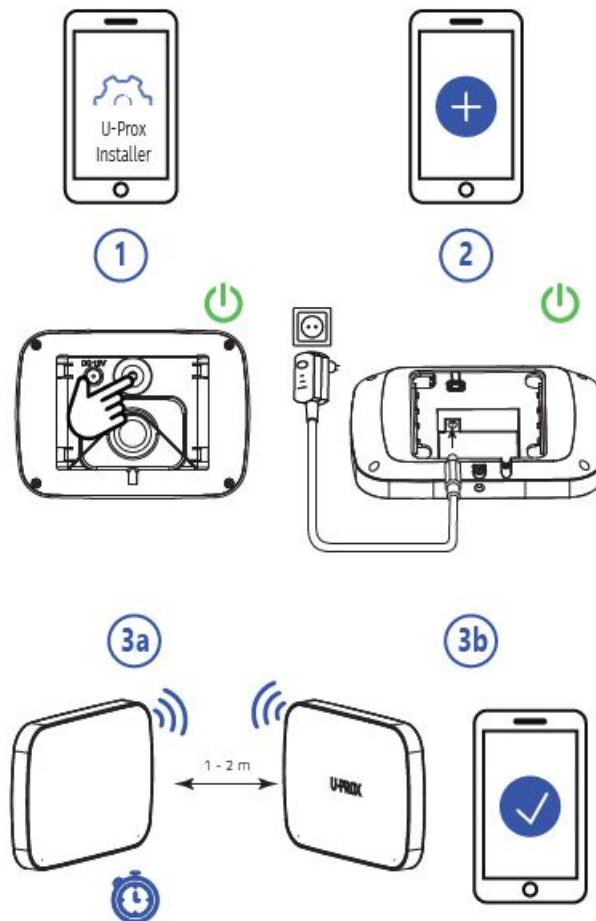
CAUTION.

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE USED BATTERIES ACCORDING TO THE NATIONAL REGULATIONS

WARRANTY

Warranty for U-Prox devices (except batteries) is valid for two years after the purchase date. If the device operates incorrectly, please contact support@u-prox.systems at first, maybe it can be solved remotely.

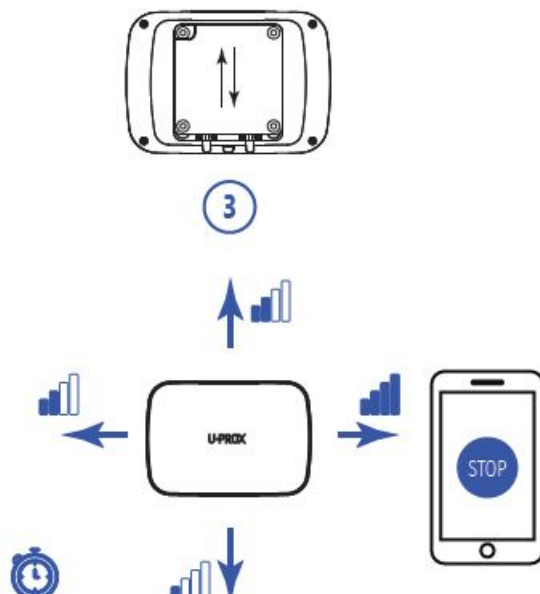
REGISTRATION



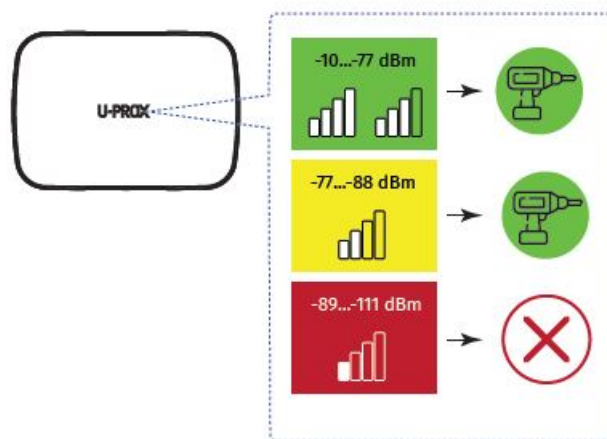
STRANGE TEALLA ST FTION LOR OPOCATIONTIMAL



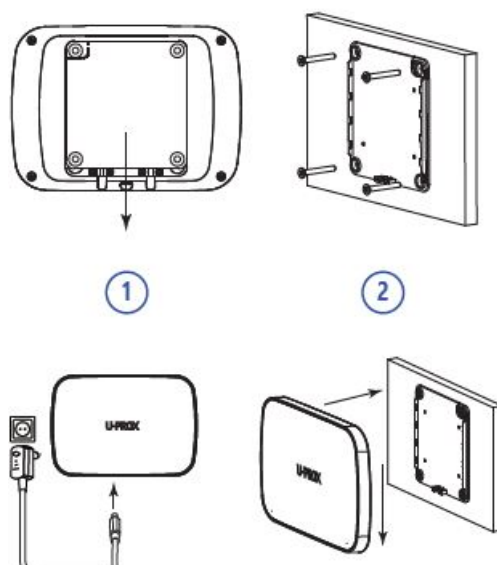
Due to Grade 2 requirement RF link works with reduction of power in 8 dB



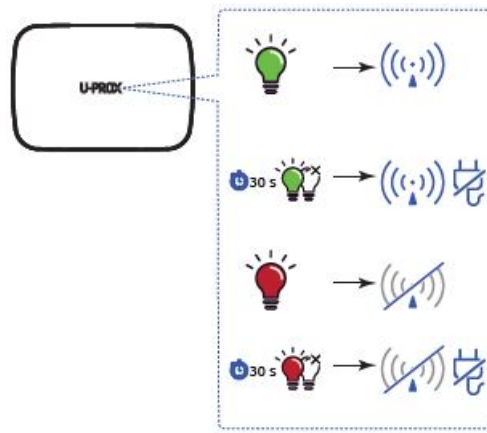
INDICATION IN RANGE



INSTALLATION



INDICATION



Documents / Resources



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