



U-PROX Multiplexer Wired Alarm Integration Module User Guide

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U-PROX

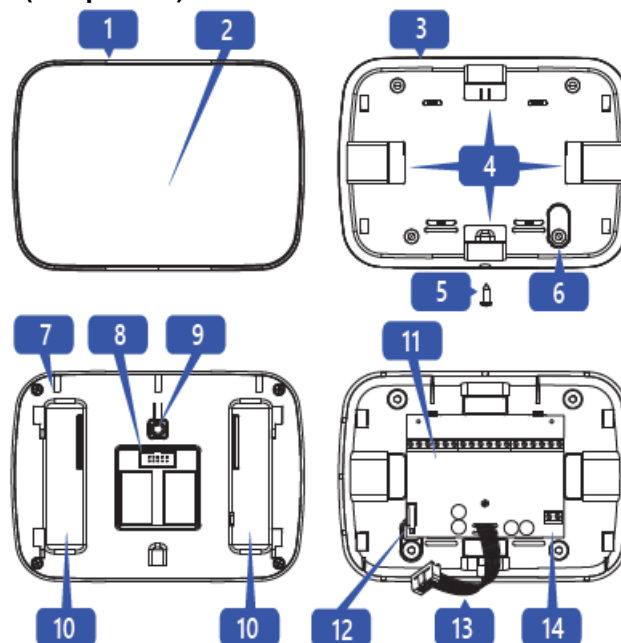
U-PROX Multiplexer Wired Alarm Integration Module



WIRED ALARM INTEGRATION MODULE

Is a part of the U-Prox security alarm system User manual Manufacturer: Integrated Technical Vision Ltd. U-Prox Multiplexer – is a wireless module designed to connect EN wired equipment (detectors, IR barriers, gas detectors, wired sirens etc) to wireless U-Prox control panel. Has power output, switched power output and built-in Lilon batteries to power backup. It is installed indoors. 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. Case back cover
4. Conduit for wires
5. Locking screw

6. Tamper case
7. Upper part of the device, rear view
8. Connector
9. On/off button
10. Battery compartment
11. Bottom plate of device
12. Tamper switch
13. Bottom plate connector
14. Power supply connector

TECHNICAL SPECIFICATIONS

Inputs	8 (Z1 ... Z8)
Output	1 relay (NO C)
LED	+3 V
Power output	2 outputs, AUX and SWA (switchable output), resettable fuse protected, 200 mA @12V
Power supply	10.8 ... 13.8VDC
Battery backup	two 2500 mAh batteries, up to 10 hours (8 wired detectors, 15 mA each)
Radio frequency	ISM-band wireless interface2 with several channels ITU region 1 (EU, UA): 868.0 to 868.6 MHz, bandwidth 100kHz, 20 mW max., up to 4800m (in line of sight) ITU region 3 (AU): 916.5 to 917 MHz, bandwidth 100kHz, 20 mW max., up to 4800m (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 38 mm & 0.64 kg
Case colour	white

COMPLETE SET

1. U-Prox Multiplexer;
2. Two 18650 batteries (pre-installed);
3. Quick start guide

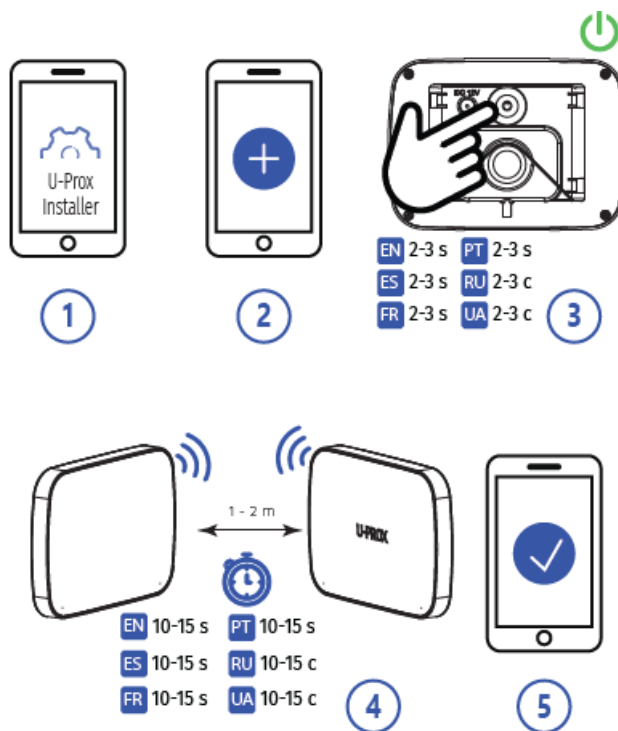
CAUTION

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

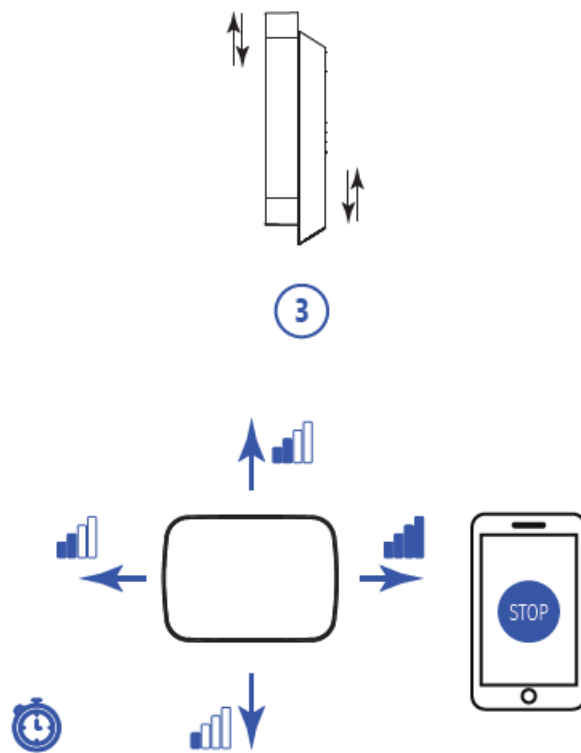


INSTANT TEST FUNCTION FOR OPERATION

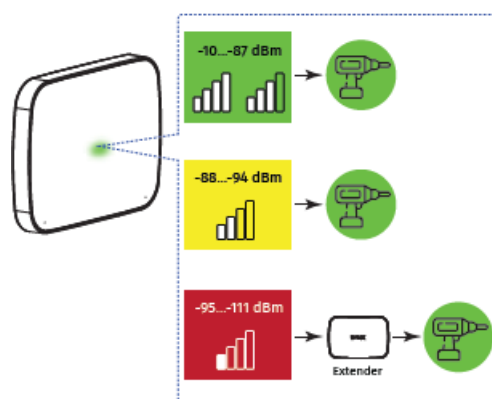


Due to Grade 2 requirement RF link works with reduction of power in 8 dB

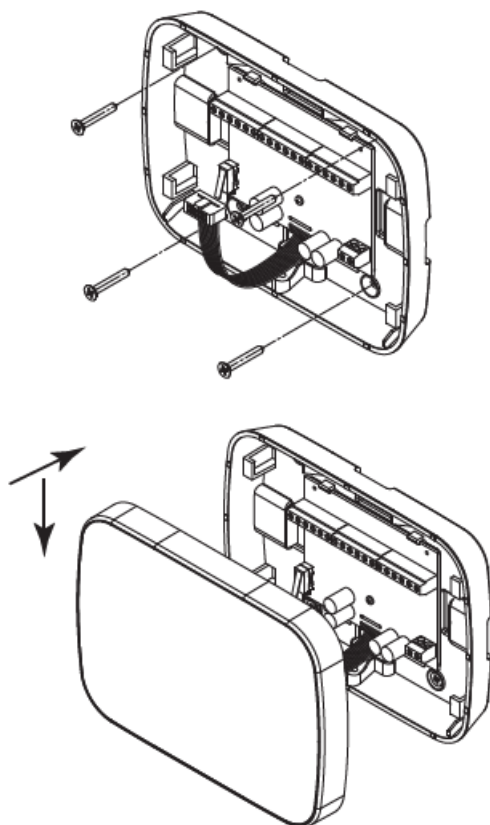




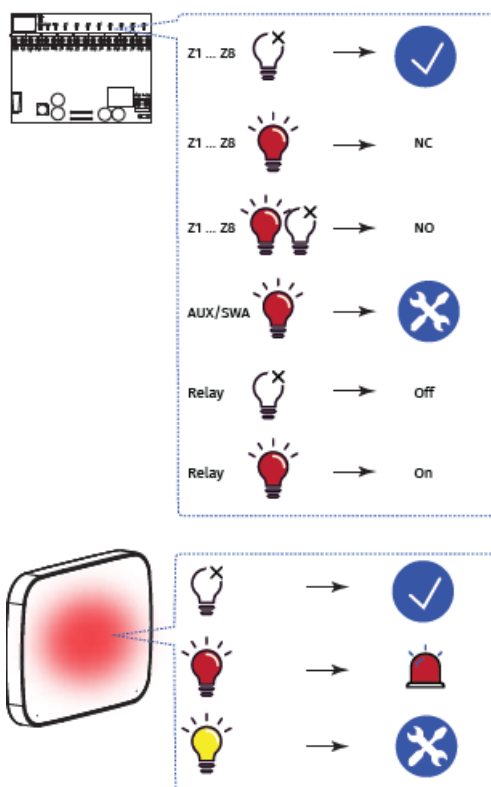
INDICATION IN RANGE



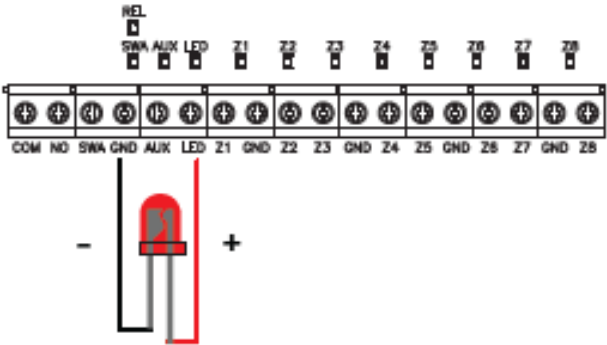
INSTALLATION



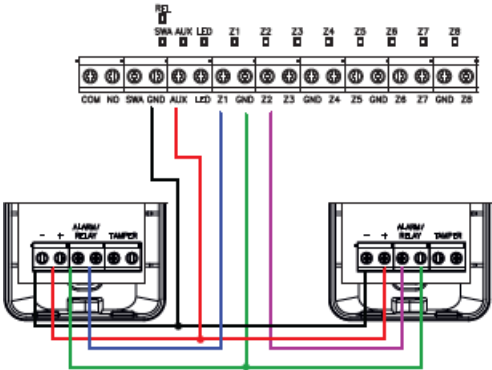
INDICATION



LED CONNECTION




SENSORS CONNECTION



adjustable alarm sign (NO or NC) for each input

Documents / Resources



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Multiplexer, Wired Alarm Integration Module, Alarm Integration Module, Integration Module, Mu
ltiplexer, Module