



TagX

User manual

Introduction

BlueUp TagX, henceforth identified with the terms “product”, “device” or “beacon”, is a Bluetooth Low Energy (BLE) beacon for proximity applications.

BlueUp TagX can support different technologies: standard Bluetooth[™] LE (BLE), Quuppa Intelligent Locating System (Quuppa), Wirepas 2.4GHz Mesh (Wirepas)

BlueUp TagX is available in the following variants:

TagX (STD): standard version;

TagX LED: with high-visibility 2x LEDs;

TagX BUT: with call button and 2x LEDs;

TagX SHT: with temperature and humidity sensor.

BlueUp TagX is powered by 1x 3V lithium battery, mod. CR2477.

Before you start using a BlueUp device, verify that it is undamaged and carefully read the instructions in this user manual, particularly the indications in the "Safety" section.

BlueUp S.r.l. disclaims any and all liability if the devices are used in modes and environments incompatible for keeping the product intact, safe and in operation.

Procedures

The beacon is provided with battery inserted. It is immediately active. Configuration and activation depends on supported technology:

BLE

BLE version has two alternative variants:

BLE beacon: to modify beacon configurations, use free configuration app provided by BlueUp and available for iPhone / iPad (Apple Store) and Android (Google Play):

- Configuration app: **BlueBeacon Manager**
- Default password: **blueup**

BLE bleenc: requires bleenc® software infrastructure

For information on configuration and on all use aspects, please refer to the technical information in the *Products* and *Support* page of the website www.blueupbeacons.com or contact technical assistance at support@blueupbeacons.com.

Quuppa

Beacon settings can be updated using Quuppa Site Planner. For technical details, please refer to the technical information in the Support Center of the website www.blueupbeacons.com or contact technical assistance at support@blueupbeacons.com.

Wirepas

Beacon can operate as a mobile tag, depending on production configuration. Settings can be updated using Wirepas Network Tool on MeshCube interface. For technical details, please refer to the technical information in the Support Center of the website www.blueupbeacons.com or contact technical assistance at support@blueupbeacons.com.

Once initialized the device starts working as configured, for contact-tracing and distance warning functionalities. Contact events data can be downloaded with Manager app, Kiosk app or dedicated gateway.

Safety

These information are an integral and essential part of the product and must be delivered to the user. Read them carefully as they contain important information regarding the installation, use and maintenance.

Warnings

The device is a professional device whose intended use is aimed at professions or industries and which is not intended for sale to the general public.

The product is a wireless device.

The product must be intended for use for which it was designed. Any other use is considered improper and therefore dangerous.

Operating conditions: temperature -20/+60°C; humidity 20-80%.

Before you start using the beacon, verify that it is undamaged.



DO NOT use the beacon in potentially explosive atmospheres. The presence of flammable gas or fumes is a serious safety hazard.

The company BlueUp S.r.l. disclaims any liability for damages caused by an inadequate use of the device and the failure to observe the information provided herein.

Battery

BlueUp TagX is powered by one coin battery, according to the following table:

Battery				
Q.ty	Common name	IEC60086 name	Type	Nominal voltage
1	CR2477	CR2477	Lithium (LiMnO2)	3V

Battery replacement

Battery replacement must be performed by an adult. To replace the battery, follow the instructions below:

1. unscrew the 4 screws on the back cover;
2. remove the circuit from its housing, handling the circuit only by the edges
3. remove the battery from the battery holder
4. insert the new battery in the battery holder, paying attention to the polarity indicated on the battery holder
5. insert the circuit in its housing, handling the circuit only by the edges
6. screw the 4 screws on the back cover

CAUTION



DO NOT power the device with other batteries.
Explosion hazard if battery is replaced with the wrong type.



DO NOT insert the batteries into the battery holder with the positive and negative contacts reversed.



DO NOT disassemble, puncture or damage the batteries.



DO NOT recharge the batteries.



DO NOT short the positive and negative contacts of the batteries.
DO NOT cause a forced depletion of the batteries.



DO NOT throw the batteries in fire.



DO NOT place the batteries in the following environmental conditions: in the vicinity of heat sources, exposed to direct sunlight, high temperatures, high humidity, extremely-low pressure, in contact with water.



DO NOT handle the battery with metal objects (such as forceps, scissors,...). In general, avoid the metal contacts on the battery from coming into contact with other metal objects, including other batteries. This could cause a short circuit, damage the battery and cause overheating or explosion. If the battery is stored or thrown away, make sure it is covered individually with insulating tape.



**DO NOT swallow the battery.
Chemical burn hazard.**



This product contains a coin cell battery. If the coin cell battery is swallowed, it can cause severe internal burns in just 2 hours and result in death.



Keep new and used batteries out of the reach of children.

If the battery compartment does not close tightly, stop using the product and keep it out of the reach of children.

In the event of suspected ingestion of the batteries or their insertion into other body orifices, seek medical advice immediately.

Waste disposal



In implementing the Directives 2011/65/EU and 2012/19/EC on the restriction of the use of hazardous substances in electrical and electronic equipment and the disposal of waste.

The crossed bin symbol on the product, on the attached manual or on its packaging indicates that at the end of the product life, it must be collected separately from other waste. The user must, therefore, take the remote control to an authorized disposal center for collection of electronic and electrical waste, or return it to the dealer when purchasing a new similar appliance, on a one to one basis. Appropriate separate collection for the subsequent forwarding of the product sent for recycling, treatment and environmentally compatible disposal helps to prevent negative environmental and health effects and promotes the reuse and/or recycling of materials making up the equipment. Illegal dumping of the product by the user entails the application of administrative sanctions in the current provisions of law.

For more information about the collection systems, contact your local authorities.

In implementing Directive 2006/66/EC on the reduced use of hazardous substances in batteries and the disposal of the same.

The crossed bin symbol on the appliance or its packaging indicates that the batteries must not be disposed of with the rest of the household waste, as they may contain substances that are potentially harmful to the environment and health. Remove the old battery from the device and turn it in at the appropriate collection points.

Disclaimer

This manual is intended to provide a brief summary of our knowledge and some guidance regarding the use of the beacon and its parts, including the battery. The information contained herein has been provided by sources that BlueUp S.r.l. considers to be dependable and is accurate to the best knowledge of the company. This sheet is not intended to be an inclusive document on worldwide hazard communication regulations. The information is provided in good faith. Each user of this material needs to evaluate the conditions of use and define the appropriate protective mechanisms to prevent the exposure of persons, property damage or release to the environment.

BlueUp S.r.l. assumes no responsibility for injury to the recipient or third persons, or for any damages resulting from misuse of the device and its parts.

Warranty

Refer to BlueUp General Terms and Conditions of Sale available at www.blueupbeacons.com

Conformity

US (FCC)

FCC ID: 2ALP7BB1002

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

EU (ETSI)

Hereby, BlueUp Srl declares that BlueUp SafeX is in compliance with Directives 2014/53/UE (RED) and 2011/65/UE (RoHS 2) with 2015/863/UE (RoHS 3).



The full text of the EU declarations of conformity is available at the following internet address:
www.blueupbeacons.com

Frequency band: 2400 – 2482 MHz

Maximum radiated power: 2.5mW

Contacts

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