



# BlueBeacon USB

## User manual

### Introduction

BlueBeacon USB, henceforth identified with the terms "product", "device" or "beacon", is a Bluetooth Low Energy (BLE) wireless transmitter, for proximity applications. BlueBeacon USB uses iBeacon<sup>(TM)</sup> technology and Eddystone<sup>(TM)</sup> format specifications.

BlueBeacon USB consists of a USB dongle, powered from any USB port (with standard 5V voltage output): it can be powered by a USB port of a PC or a WiFi repeater, or by a normal AC/DC power supply with USB output for charging a smartphone or tablet.

BlueBeacon USB is suitable in those applications where the cost of battery replacement is high. In general it is the solution for: retail proximity applications, embedded beacon applications.

Before you start using a BlueBeacon 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

#### **Beacon activation**

Insert the beacon into an USB port of an electronic device (PC, battery charger, ...)

#### **Beacon use**

Once powered, the beacon is immediately active and transmits the advertising frames according to the default settings. To modify beacon configurations, you can use the free app provided by BlueUp and available for iPhone / iPad (Apple Store) and Android (Google Play):

- Configuration app: **BlueBeacon Manager**
- Beacons default password: **blueup**

For information on configuration, on services and characteristics, and on all use aspects, please refer to the technical information in the *Products* and *Support* page of the website [www.blueupbeacons.com](http://www.blueupbeacons.com) or contact technical assistance at [support@blueupbeacons.com](mailto:support@blueupbeacons.com).

Credentials to login to BlueBeacon Cloud (cloud back-end for management, synchronization, monitoring and configuration of BlueUp beacons) may be requested at [info@blueupbeacons.com](mailto:info@blueupbeacons.com).

## 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.

## **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](http://www.blueupbeacons.com)

## Conformity

Hereby, BlueUp Srl declares that BlueBeacon USB 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](http://www.blueupbeacons.com)

Frequency band: 2400 – 2483.5 MHz  
Maximum radiated power: 2.5mW

## Contacts

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