



User Manual

BC2510 Tag

(v1.0)

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Introduction

The BC2510 Tag is an industrial-grade Bluetooth Low Energy (LE) tag, ideal for enabling asset tracking in harsh and demanding environments. This Tag also features an accelerometer and temperature sensor.

Powered by a replaceable CR2477 coin cell battery, the BC2510 Tag has an outstanding anticipated battery life of over five years.

The BC2510 Tag supports iBeacon and Eddystone.



WARNING: Read through this entire User Manual before operating the product. Failure to follow the included instructions and safety warnings may result in damage to the product or other property.



Figure 1. The BC2510 Tag.

Safety Information

Read and follow all instructions in this User Manual before using this product.



WARNING: Changes or modifications not expressly approved by BlueCats could void your authorization to operate this product.

- Do not use the BC2510 Tag if it is damaged.
- Do not install in environments that exceed temperature and humidity requirements.
 - Operating temperature: -40°C to $+85^{\circ}\text{C}$
 - Ingress protection: IP67
- Do not place or leave the Tag on a heat source.
- Dispose of non-functioning Tags in accordance with local regulations.



Note: The BC2510 Tag contains a replaceable CR2477 coin cell battery.

Operating Instructions

1. Open the box and inspect the BC2510 Tag for damage.



WARNING: If any issue, damage, or defect is found, please [submit a ticket](#) to BlueCats for assistance. Do NOT attempt to repair the Tag.

2. Remove the “**REMOVE BEFORE USE**” label (and the small round magnet under the label) to activate the Tag.
3. Install screws in the mounting holes on either side of the enclosure to attach the Tag to any asset you wish to track, such as a vehicle, trailer, or piece of equipment.



Please Note: If possible, mount the Tag so that the top side is pointed toward the sky.

4. Use the BlueCats Loop platform (Loop Cloud for desktop, and Loop Mobile for mobile devices) to monitor, interact with, and assign the Tag.

Battery

Instructions on when and how to replace battery?

BlueCats Support

We're here to help. If you need any assistance, please [contact us for technical support](#) via the BlueCats Help Center. We also welcome your questions and suggestions to improve your experience with our products.

Regulatory Information

FCC

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.

IC

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences. (2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Band	Maximum TX Power
2.402 GHz to 2.480 GHz	+8 dBm