

BLE-Tag User Manual

About this Document

The following is a simple User Manual for Imaginastix's Bluetooth Tag.

The Imaginastix BLE-Tag

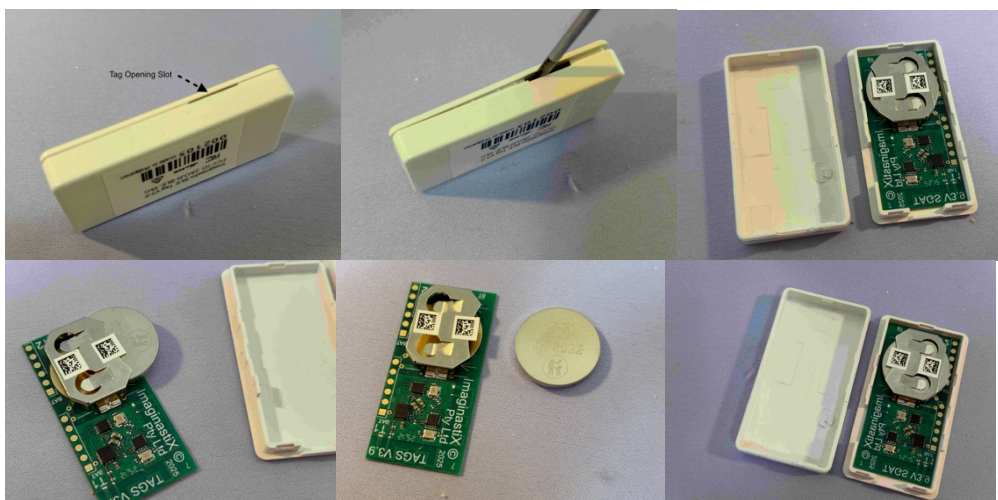
This Tag is not sold as a device to any other supplier without programming. Imaginastix will always pre-program our Tags for specific customers or partners. This is to ensure that the Tag registration matches the higher power actual BLE Transmission and is compatible with Imaginastix Bluetooth gateways.

Primary Usage

As a Customer, this Tag is typically used to identify an Asset. The Tag can be registered using a Barcode attached to the case or more likely using a specific custom smartphone App that Imaginastix can provide that can read the low-power BLE transmission and use this to register the Tag against the Asset or Person in our customer database. Imaginastix has it's own BLE Gateways that filter our BLE advertisements and utilise this information to know when a Tag and therefore an Asset has arrived, is present or has left a location. Our gateways have known locations and can therefore be shown on a Map.

Battery Replacement

The Bluetooth Tag uses a single CR2032 coin cell which should last for many years. This can easily be replaced as shown in the following pictures. Simply locate the opening slot as per the images below and using your fingernail or a small flat screwdriver, click the top and bottom apart. Then remove the PCB from the case. The battery can easily be slid out of the holder as shown, replace with a new CR2032 coin cell ensuring the battery is inserted with the +ve (flat) side up as shown and then reverse the assembly process. The case will click back together.



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Tag Attachment

Tags are typically attached to your Assets via double-sided tape (not supplied).

Warnings / Radiation Exposure

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

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.