

APPTRICITY® CORPORATION

ULTRA LONG-RANGE BLUETOOTH TAG USER'S MANUAL

Manufactured By: Apptricity® Corporation

Part Number: 550-145-100

FCC ID: 2AYMA-550145100

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1. PRODUCT DESCRIPTION

The Apptricity Ultra Long-Range Bluetooth tag is intended for Asset tracking. The range of the transmitted Bluetooth signal is up to 20 miles (32.2 km) line of sight. The transmission rate can be set from a ping once per second to a ping of once per 145 hours. The Ultra Long-Range Bluetooth Tag requires two AA Lithium 3.6V batteries. Batteries are customer replaceable. The lifetime of the battery is determined by the ping rate. The ping rate is set when the tag is manufactured. The tag is available with or without GPS.

2. KEY FEATURES

22 dBm Bluetooth Beacon

2.48 GHz Frequency Band

Gain of Antenna is 3 dBi

IP57: Water and Dust Resistant

Weight: 1.4 oz

Dimensions: 4.1" X 2.0" X 2.4"

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3. BATTERY REPLACEMENT

The Ultra Long-Range Bluetooth tag battery replacement is demonstrated below.



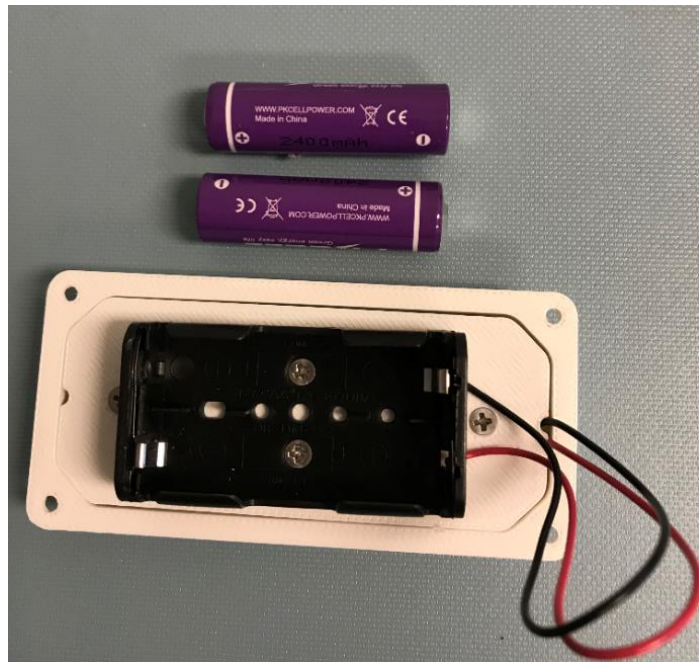
Step #1: Remove the 4 screws from the top of the case.



Step #2: Remove the lid with attached batteries from the case.



Step #3: Remove both batteries.



Step #4: Insert new batteries as shown below. Negative sides against the flexible metal connector and positive sides against the metal dot.



Step #5: Put the top back onto the case bottom.



Step #6: Replace the four screws to attach the top to the bottom of the case.



4. REGULATORY

This device complies with Part 15 of 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 any interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

To satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons.

WARNING: The Federal Communications Commission warns that changes or modifications to the Ultra Long Range Bluetooth Tag not expressly approved by Apptricity® could void the user's authority to operate the equipment.

5. CONTACT INFO

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