

BAT50 Installation and User Guide

The BAT50 is a self contained asset tracker with no external connections, internal battery, and internal GSM/GPS antennae.

Dimensions:

Length: 146.7mm (5 ¾ Inches)
Width: 63mm (2 ¼ inches)
Height: 20.4mm (7/8 inches)
Weight: 168 grams (5.92 Oz)

Environmental Specifications:

Temperature:

Operating: -30c to 85c
Storage: -40c to 85c

Water Resistance:

The BAT50 is water resistant, pursuant to the IP-66 rating. Device cannot be immersed in water.

Activating the Tracker:

To activate the tracker, press and hold the power button for five (5) seconds until you see a blinking light. Once the LED goes dark, the device is activated.

The device will generate an auto report at power up and begin the clock to schedule subsequent auto report messages.

LED Indications:

The LED will blink 12 times within a three (3) second period if the battery voltage is in its highest range. If the battery is within its normal voltage range, the LED will blink on for one (1) second, off for one (1) second, then on for one (1) second.

When the LED is off, the device is active.

To turn the device off, press and hold the power button for five (5) seconds. The LED will go solid. Once the LED is off, the tracker is turned off.

Installing the Tracker: (Mounting Hardware not included)

The tracker can be mounted to any surface. The optimal mounting position for the tracker is outdoors, mounted horizontally, with a clear view of the sky.

Some considerations for choosing the install location:

- The device should be installed label side down, as horizontally as possible.
- If a horizontal location is not possible, ensure that the device is attached to the asset with the label side towards the asset, and the top of the device faces towards the sky as much as possible.
- The selected area should not allow water to pool around the device.
- Be careful to avoid damage to wiring, electronics, plumbing, etc. when drilling holes to mount the device.
- The device should be installed where it is protected from being impacted during operation.

Recommended mounting hardware:

Qty. 4 #8 self-drilling sheet metal screws
Qty. 4 #8 lock washers
Zip ties
Double-Sided PSA Tape

Battery Replacement:

The internal battery is NOT user serviceable. If the battery runs out, the tracker will have to be returned to the factory for battery replacement.