

Wiring

Depending on the asset, not all wires will be used.

1. Use the wiring table to determine which inputs to use.
2. Use watertight splices.
3. Use cable ties or other method (such as tubing and clamps) to provide protection and secure all wiring.

ACTIVATION: The unit is shipped in a sleep mode to retain the battery charge. After wiring, wake the unit up by connecting the WHT wire to power for 10 seconds. If the WHT wire is not going to be used further, cap and stow.

RED (used for power and internal battery charging)	power, 12-24VDC @ 40mA	WHT	used for battery charging
BLK	ground	BLU, BRN, GRN, ORN, and YEL	not used, individually cap and stow

Typical Wiring Configurations:

Asset with no power	The TCAT-EB will run on its internal battery and need periodic recharging. After activation, all wires must be individually capped and stowed. <u>Position information</u> , <u>60 locate now requests per month</u> , and <u>low battery alerts</u> will be provided via Total Connect with the <i>Basic Plan</i> .
Asset with power	The TCAT-EB will use the asset's power source. After activation, the red and black wires must be connected. Unused wires must be individually capped and stowed. <u>Position information</u> , <u>60 locate now requests per month</u> , and <u>low battery alerts</u> will be provided via Total Connect with the <i>Basic Plan</i> .

Enroll and configure the TCAT-EB

Dealers can enroll the TCAT-EB and set up a Total Connect account for their customers by visiting the AlarmNet Direct website:

<https://services.alarmnet.com/AlarmNetDirect/>
 → Go to the online help and follow the procedure for *Setting up a tracking device*.

When the TCAT-EB is set up and the customer's Total Connect account is established, they can access the TCAT-EB information by visiting:

<https://rs.alarmnet.com/TotalConnect2/>

Status Indicator LEDs

The TCAT-EB has two indicator LEDs on the enclosure end opposite of the cable. These indicate as follows:

Cell (blue)	GPS (green)
OFF – searching	STEADY – searching
BLINKING – locked	BLINKING – locked

Charging the Battery

For assets that have a power source, the red, and black wires are connected, and the battery is automatically charged from the asset's power source.

For assets that do not have a power source, the asset tracker's internal battery will need occasional charging.

Actual battery life is dependent on many variables such as; proximity to a cell tower, how many daily location reports are made, and temperature. Under ideal conditions with only 1 daily location report the battery may last up to 2 years before charging is required.

Therefore, a once a year charging cycle would be prudent.

Charging the Asset Tracker:

To charge the asset tracker, any 12 to 24VDC @ 1Ah source can be used. Connect the RED and WHITE wires to the charging source positive voltage, and the BLACK wire to the ground.

There is no need to worry about a "charger" since the charging circuitry is built into the device and prevents overcharging.

Fabricating a simple charging cable, using quality workmanship, would make this repeated charging task easy.

For this asset tracker, a **charge time of 10 hours** would ensure a full charge even in cold weather.

RF Exposure



WARNING: The internal or external antenna(s) used with this product must be installed to provide a separation distance of at least 7.8 in. (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

Mise en Garde

Exposition aux Fréquences Radio: L'antenne (s) utilisée pour cet émetteur doit être installée à une distance de séparation d'au moins 7,8 pouces (20 cm) de toutes les personnes.

FEDERAL COMMUNICATIONS COMMISSION STATEMENT

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and RSS 210 of IC. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference.
 (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC & de RSS 210 des Industries Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

WARRANTY Go to: <http://www.security.honeywell.com/hsc/resources/wa/>

DOCUMENTATION AND ONLINE SUPPORT Go to: <http://www.security.honeywell.com/hsc/resources/MyWebTech/>



800-16763 4/14 Rev. B1

Honeywell

**2 Corporate Center Drive, Suite 100
 P.O. Box 9040, Melville, NY 11747**

Copyright © 2014 Honeywell International Inc.
www.honeywell.com/security