

## Q-TRACK® QTT™-643 TAG TRANSMITTER QUICK START GUIDE

**NOTE: CHARGE BEFORE FIRST USE!** FOUR HOURS IN THE QT-654 CRADLE CHARGER  
THE LED SHOULD BE SOLID GREEN WHEN "CHARGED."



The QTT™-643 Tag Transmitter has a minimum of controls and interfaces:

**Power Switch:** Turn the tag on by pressing and releasing the power button. If battery is fully charged, the LED blinks green once every 3s. Turn the tag off to conserve battery or for long term storage by holding button down 3 seconds until the LED turns yellow, then release.

**Charging Pins:** These pins work in conjunction with the QTT™-654 charging cradle.

**Alert Button (optional):** Some versions of the QTT™-643 tag include an Alert Button. Pressing the Alert Button modulates the tag to notify the server of an alert situation.

The QTT™-643 Tag Transmitter includes LEDs to communicate tag status:

**In charging mode:**

**Constant Red:** Charging.

**Constant Green:** Fully Charged.

**In operational mode:**

**Green Slow Blink** (100ms every 3s): On.

**Yellow Slow Blink** (100ms every 3s): Tag On; Low Battery Warning.

**Yellow Fast Blink** (100ms each 1s): Battery Level Critical; Tag No Longer Transmits.

**No Lights** Battery discharged or tag off.

The QTT™-643 tag transmitter operates from 2750 – 3250kHz (excluding 3020 – 3026 kHz in Canada). The specific transmit frequency is carefully chosen to avoid harmful interference with licensed emitters. Broadcast or other signals would interfere with tracking and must be avoided. The transmit frequency is set at the factory and cannot be changed by the user. The QTT™-643 tag transmitter is microprocessor-controlled and powered by a rechargeable lithium ion battery. The tag cannot transmit while being recharged. The antennas are self-contained within the plastic enclosure, and cannot be modified or changed by the user.

**Q-Track Corp. FCC ID: VJ3-QT-643-TAG.** 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) the device must accept any interference received, including interference that may cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Q-Track Corporation; Model: QT-643; IC: 10503A-TXTAG643.**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This product meets the applicable Industry Canada technical specifications.

Cet appareil est conforme à Industrie Canada une licence standard RSS exonérés (s). Son fonctionnement est soumis aux deux conditions suivantes: 1. Cet appareil ne doit pas provoquer d'interférences 2. Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable de l'appareil. Ce produit est conforme aux spécifications d'Industrie Canada.

**Power Button:**

**On:** Push and release

**Off:** Hold for 3 seconds

until yellow and then release

