



Mobile1 User Guide

General

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How does the Mobile1 work?

The Mobile1 device is a quad-band GPRS wireless data transceiver. The Mobile1 uses signals from the U.S. Government's Global Positioning Satellite (GPS) constellation to determine the geographic location of the device on the Earth. Then, the Mobile1 transmits the device location information over a wireless GPRS network to the GTX Corp Tracking Portal. GTX Corp provides user location information to GTX Corp subscribers, who may access a user's location by logging into the GTX Corp Tracking Portal and viewing the user's location in real time on a map.

Definitions

User – The person assigned to wear the Mobile1 tracking device.

Subscriber – The person who manages the user's device and/or views the device location via the GTX Corp tracking portal.

Mobile1 – A tracking device worn on the user's belt.

GPS (Global Positioning System) – A "constellation" of 24 well-spaced satellites that orbit the Earth and make it possible for people with ground receivers to pinpoint those person's geographic location.

GPRS – A wireless protocol used to transmit packet data.

Tracking Portal – A web-enabled mapping service that is accessible through an Internet capable computer, PDA or cellular phone.

Using the Mobile1 device

The Mobile1 was designed purposely to be simple for the event or training day user. There are no buttons or settings on the device. The user's start up procedure is the following:

1. Install the Battery.
 - a. Remove the screws in the battery door with a Phillips style screwdriver.
 - b. Open the battery door.
 - c. EXAMINE THE BATTERY TO LOCATE THE THREE CONTACTS, PLACED ON ONE END. MATCH THE THREE CONTACTS WITH THE BATTERY CONNECTORS INSIDE THE DEVICE. INSERT THE BATTERY WITH THE SILVER LABEL SIDE FACING OUT AND WITH THE BATTERY CONNECTORS IN LINE WITH THE BATTERY CONTACTS. IMPROPER INSERTION OF THE BATTERY MAY RESULT IN PERMANENT DEVICE FAILURE.
 - d. Close the battery door and reinstall the screws.



Installing battery



Correct placement of battery

2. Place the Mobile1 in a free and open space with a clear view of the sky. Situate the antenna in a location perpendicular to the ground. This may be accomplished by standing the device upright on a surface, or by wearing the device as intended while standing. The Mobile1 unit must prelock onto available GPS signals prior to use. Limit movement of the Mobile1 for 10-15 minutes to ensure the lock is complete.

3. Remove the battery within an hour of completing an event or training session.

Note: The GPS satellite constellation does not provide a signal sufficient to support indoor use. The Mobile1 is designed to provide the best GPS performance possible for a belt worn device and in some cases may work indoors but is not guaranteed to do so. For best results the Mobile1 should be used in areas with a clear view of the sky.

Charging the battery

1. Remove the battery from the Mobile1.
2. Match the battery contacts with the charger connectors, then slide the battery contacts first, with the silver label facing up, into the charging sled.



3. With the battery properly installed the lights on the charging sled should be illuminated.



4. The red indicator light will become green once the battery is fully charged. The normal charge cycle takes 2.5 to 3.5 hours.

BATTERY WARNING

Do not short circuit the battery

Use specified charger only

The battery may explode if disposed of in fire

The supplied battery meets or exceeds the standards set forth in IEEE 1725. Do not attempt to use any battery other than the unit which was furnished with the Mobile1. Additional batteries are available at a nominal cost. Please contact GTX Corp for more information.

RF Exposure

WARNING

Please read this information before using your wireless device.

Your Mobile1 is a radio transmitter and receiver. It is designed and manufactured not to exceed the emissions limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. These guidelines are based on the safety standards previously set by the U.S. and international standards bodies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless RF devices, such as the Mobile1, employs a unit of measure known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. SAR values at or below that limit are considered safe for the general public.

Before a wireless RF device is made available for sale to the Public, it must be tested and certified to the FCC that it does not exceed the SAR limits established by the FCC. Tests for SAR are conducted using the positions and locations (e.g., worn on the body) as required by the FCC for each device model. The Mobile1 has been tested and meets the FCC RF exposure guidelines when worn on the body using only the approved belt. Other uses may not ensure compliance with FCC RF exposure guidelines.

WARNING

The Mobile1 is intended to be worn on the body using the approved belt. Use of any other unauthorized method to attach the Mobile1 would be unsafe. Do not wear the device on or near your head. The SAR ratings have not been approved for use in this manner.

FCC Compliance Statement

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.

This equipment has been tested and found to comply with the limits pursuant to Part 15 Subpart B, Part 22, and Part 24 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in an appropriate installation. This equipment generates, uses, and can cause harmful radiation to radio communication. There is no guarantee that interference will not occur in a particular use. If the equipment does cause harmful interference in radio and television reception, the user is encouraged to try to correct the interference by one or more of the following measures:

- A. Increase the separation distance between the equipment and the receiver.
- B. Contact GTX Corp Technical Support for assistance at (800) 555-1212.

Changes or modifications without the express consent of the manufacturer may void any applicable warranty and the user's authority to operate the equipment.

Product Safety Instructions

Please follow all safety instructions outlined below. Failure to follow these instructions may result in serious personal injury and/or property damage.

Always obey all applicable regulations in any area where the Mobile1 may be used. Turn your Mobile1 off by removing the battery in areas where its use is prohibited or where it may cause interference or danger to anyone.

Use of radio equipment is prohibited in hospitals and may interfere with the use of medical equipment. Do not use the Mobile1 in Hospitals or near medical equipment. The Health Industry Manufacturers Association recommends that a minimum separation of six inches (6") be

maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker.

When boarding a plane, follow all instructions of the flight crew on the use of wireless devices. FCC regulations prohibit using your wireless device during any air flight. Turn off your Mobile1 during flight and at all other times as requested by the flight crew by removing the battery.

Do not use the Mobile1 in the vicinity of blasting areas where it might interfere with remote control RF devices used to set off explosives.

Although it is rare, wireless devices can generate sparks. Do not use or store your Mobile1 around flammable or explosive gas, liquids, chemicals or any other such materials.

