

# TrackerPAL™ Operations Guide

## RemoteMDx, Inc.

**Version 1.1.1**

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**Referenced To:**

OTD Hardware Release 3.4

OTD Firmware Revision: v1080



## 1 Overview

This document describes the major features associated with the OTD Device Hardware and how to operate them. The operator may need to consult associated system documentation for additional detail.

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## 2 Personal Safety and Health

### Responsibilities of Administrating Agencies

**The TrackerPAL™ device meets the government's requirements for exposure to radio waves.**

It is the direct and sole responsibility of all agencies (government or private) that oversee use of TrackerPAL™ to assure, and formally document, that wearers of TrackerPAL™ devices understand the safety and health topics below.

It is also the direct and sole responsibility of such parties to assess special individual needs in order to protect the health and well being of those wearing TrackerPAL™ devices. This includes identifying any special environmental or personal health needs specific to an individual wearer of the device.

### 2.1 Personal Hygiene

**Simple hygiene measures can avoid discomfort and skin irritations.**

The TrackerPAL™ is designed to be worn over a standard sock. This aids in maintaining sanitary conditions. Not wearing over a sock or not changing socks on a daily basis may result in skin irritations or other health concerns.

For additional comfort the wearer of a TrackerPAL™ may elect to wear a thick-material wrist sweat band just below the main body of the TrackerPAL™. Typically the band would be worn just above the ankle bone but may also be used to elevate the TrackerPAL™ to accommodate for special foot wear like work boots. Such a band may be purchased from most any sporting goods store.

### 2.2 Specific Absorption Rate Data

**The TrackerPAL™ device meets the government's requirements for exposure to radio waves.**

Your tracking device is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission

(FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for cellular communication devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The tests for SAR have been conducted based on the standard operating position (on the ankle) the tracking device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating is usually well below the maximum value. This is because the cellular device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a cellular device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. This device has been certified by government regulatory bodies as meeting all associated safety and operational certifications as mandated by these agencies.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web Site:

<http://www.phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web Site:

<http://www.cwta.ca>

## **2.3 Safety and General Information**

### **Extended Storage Care**

For optimal operational performance the TrackerPAL™ device and batteries should be stored in areas not exceeding 75° F (24° C).

### **Exposure To Radio Frequency (RF) Energy**

Your TrackerPAL™ device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When communicating with this device, the service network handling your call

controls the power level at which your device transmits.

Your TrackerPAL device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

### **RF Energy Interference/Compatibility**

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

This device complies with Part 15 of the FCC Rules.

1. Operation is subject to the condition that this device does not cause harmful interference.
2. FCC RF Exposure Warning: This device has been tested at the Cellular and PCS bands and found to comply with FCC RF Exposure rule.

The maximum SAR value is 0.328 W/Kg for Cellular

The maximum SAR value is 0.576 W/Kg for PCS

### **Potentially Explosive Atmospheres**

Areas with potentially explosive atmospheres are often but not always posted, and can include confined fuelling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

When you are required to be in such confined areas, contact your Supervision Officer or the TrackerPAL™ Monitoring Center before entering. Any regular proximity to such areas must be reported to and thoroughly discussed with your Supervision Officer and, if job related, your employer.

### **Battery Charger**

The charger should not be operated in the immediate proximity of water. Doing so may result in electrical short and equipment damage.