

Trak-4 USB Rechargeable

Trak-4 USB Rechargeable GPS Tracker Instruction Manual

MODEL: USB RECHARGEABLE

Brand: Trak-4

1. OVERVIEW

The Trak-4 USB Rechargeable GPS Tracker is a robust and waterproof device designed for reliable tracking of vehicles, assets, and equipment. It features a high-capacity internal LIPO battery, offering 12 to 18 months of operation per charge when reporting daily. The tracker utilizes 4G LTE cellular technology with 2G fallback for global coverage, combining GPS and GLONASS satellite systems for precise outdoor location data. For indoor tracking, it leverages Wi-Fi-based location technology. Users can monitor their assets and receive real-time alerts via dedicated smartphone applications (Android, iOS) and web browsers.



Figure 1: Trak-4 USB Rechargeable GPS Tracker and companion mobile application interface.

The Trak-4 system provides comprehensive tracking capabilities, including speed monitoring, geofence alerts, movement detection, and low battery notifications. Its durable construction makes it suitable for various environments, and multiple mounting options ensure flexible and secure placement. A subscription plan is required for operation, with options available to suit different tracking frequency needs.

2. WHAT'S IN THE BOX

Upon unboxing your Trak-4 USB Rechargeable GPS Tracker, you should find the following items:

- Trak-4 USB Rechargeable GPS Tracker Unit
- SIM Card (pre-installed)
- USB Charging Cable
- Easy-to-use Instructions (this manual)

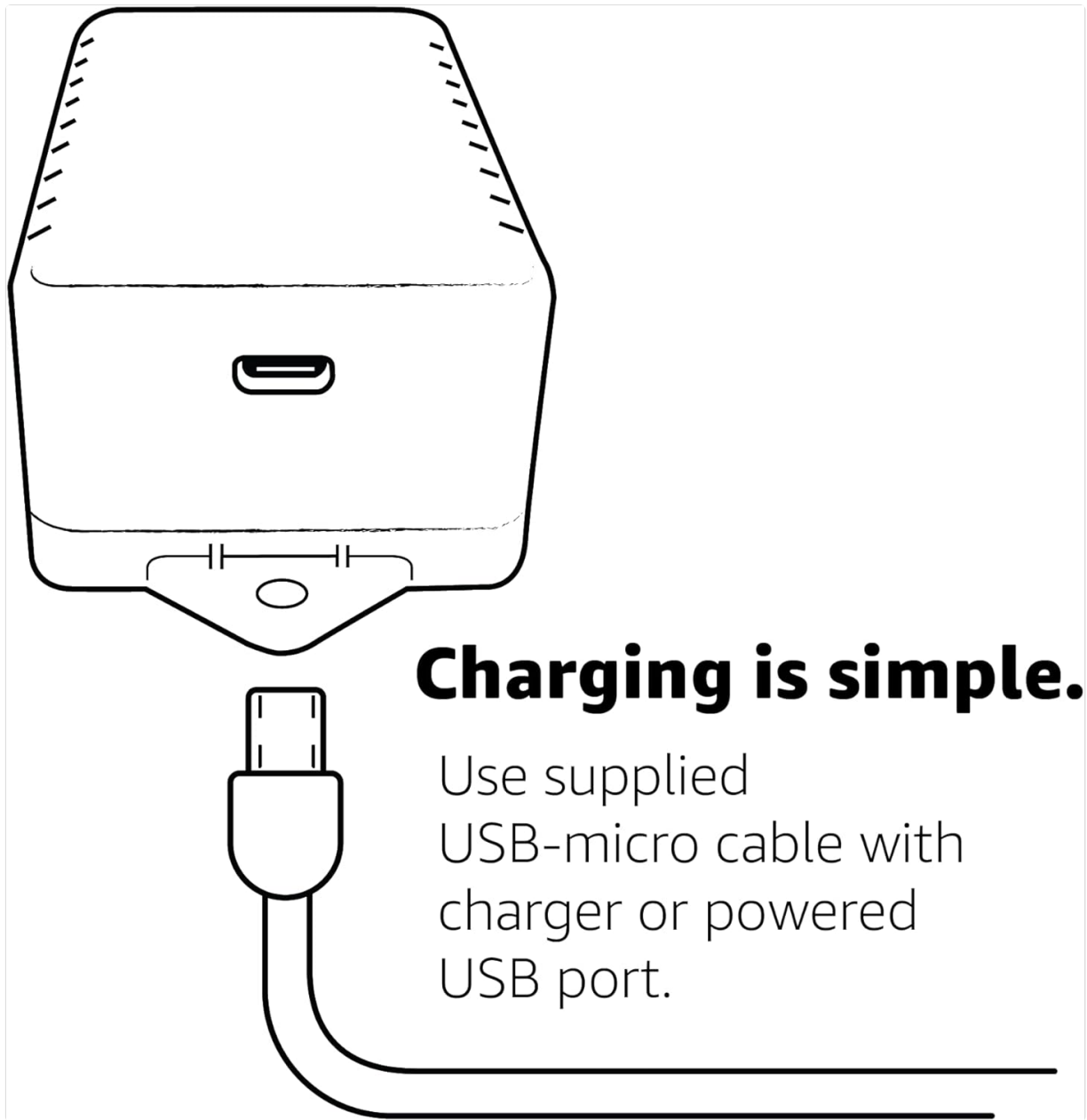


Figure 2: The Trak-4 USB Rechargeable GPS Tracker unit.

3. SETUP

3.1 Initial Charging

Before first use, fully charge your Trak-4 device using the provided USB cable. Connect the micro-USB end of the cable to the charging port on the device and the standard USB end to a compatible USB power source (e.g., computer, wall adapter).



Charging is simple.

Use supplied
USB-micro cable with
charger or powered
USB port.

Figure 3: Connecting the USB cable for charging.

3.2 Account Activation and Subscription

A subscription is required to activate and use your Trak-4 GPS Tracker. Follow the instructions provided in the quick start guide included in your package to create an account and select a subscription plan. The chosen plan will determine the frequency of location updates (ping rate).



Optional Trak-4 adhesive magnet kit is available on Amazon

Figure 4: Trak-4 subscription plan options.

3.3 Device Placement

For optimal performance, place the Trak-4 device in a location with a clear view of the sky to ensure strong GPS signal reception. Avoid placing it inside enclosed, fully metallic structures (e.g., metal containers) as this can block cellular signals. The device offers various mounting options:

- **Screw Mounts:** For permanent installation, use the integrated screw holes.
- **Double-Sided Tape:** For versatile surface adhesion.
- **Zip Ties/Straps:** Utilize the built-in slots for secure attachment.
- **Optional Mag Kit:** An optional Trak-4 Mag Kit with high-strength magnets is available for discreet placement on steel surfaces, such as under a vehicle.



Figure 5: Example of Trak-4 tracker placement on a vehicle.



Figure 6: Optional Trak-4 adhesive magnet kit for secure mounting.

4. OPERATING INSTRUCTIONS

4.1 Accessing Tracking Data

Once your Trak-4 device is charged and activated, you can access its location data and settings through the Trak-4 smartphone app or the web application. These platforms provide a map interface showing the device's current location and historical data.

TRACK ANYTHING

- ✓ **Locate** - Vehicles, assets, equipment, trailers, loved ones, etc.
- ✓ **Easy to use** - Anyone can sign in and start using in minutes. Attach to asset and go.
- ✓ **Email & text alerts** - Get a text or email alert when your device leaves or enters a selected area. Also receive an alert when the battery gets low.



Figure 7: Trak-4 web application interface for tracking and management.

4.2 Understanding Ping Rates and Daily Check-ins

The frequency at which your Trak-4 device reports its location (ping rate) depends on your chosen subscription plan. Higher-tier plans offer more frequent updates. Additionally, the device performs a daily check-in even when not moving, ensuring consistent monitoring.

4.3 Setting Up Alerts and Geofences

The Trak-4 system allows you to configure various alerts to stay informed about your asset's status:

- **Geofence Alerts:** Define virtual boundaries on the map. Receive notifications when the device enters or exits these predefined areas.
- **Movement Alerts:** Get notified when the device starts moving after a period of inactivity.
- **Speed Alerts:** Set a maximum speed threshold and receive alerts if the device exceeds it.
- **Low Battery Alerts:** Receive notifications when the device's battery level is low, prompting you to recharge.

Alerts can be delivered via email or SMS text message, as configured in your account settings.

Your browser does not support the video tag.

Video 1: An overview of the Trak-4 GPS tracking system and its applications for various assets. This video highlights the ease of use and versatility of the Trak-4 tracker.

5. MAINTENANCE

5.1 Battery Management

The Trak-4 USB Rechargeable Tracker is equipped with a long-lasting LIPO battery. Under typical usage with daily reporting, the battery can last between 12 to 18 months on a single charge. To maintain optimal performance, monitor battery levels through the Trak-4 app/web interface and recharge the device when a low battery alert is received. Always use the provided USB cable for charging.

5.2 Weather Resistance

The Trak-4 device is designed to be waterproof and durable, making it suitable for rugged, all-weather outdoor environments. Ensure the USB charging port is properly sealed with its protective cover when not in use to maintain its waterproof integrity.

6. TROUBLESHOOTING

If you encounter issues with your Trak-4 GPS Tracker, consider the following:

- **No Location Updates:** Check if the device is fully charged. Ensure it is placed in a location with a clear view of the sky, away from large metallic obstructions that could block GPS or cellular signals. Verify your subscription is active.
- **Inaccurate Location:** While Trak-4 uses GPS and GLONASS for accuracy, indoor or heavily obstructed environments may rely on Wi-Fi-based location, which can sometimes be less precise. Move the device to an open area for better GPS reception.
- **Battery Draining Quickly:** Frequent movement or very high ping rates (depending on your subscription) can reduce battery life. Adjust your reporting frequency if possible or ensure the device is fully charged before deployment.
- **Device Not Charging:** Ensure the USB cable is securely connected to both the device and the power source. Try a different USB port or power adapter.

For further assistance, refer to the support section of the Trak-4 website or contact customer support directly.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.25 x 1.75 x 1.25 inches
Item Weight	5.3 ounces
Batteries	1 Lithium Polymer battery (included)
Wireless Communication	4G
Connectivity Technologies	BLE, Bluetooth, Cellular, GPS, Wi-Fi
Special Features	Geo-Fence, Alert Notification, Long Battery Life, Location History, Motion Activation, Anti-Theft
Color	Gray
Manufacturer	Trak4 Inc.
First Available	August 16, 2017

8. WARRANTY AND SUPPORT

8.1 Lifetime Warranty

The Trak-4 USB Rechargeable GPS Tracker comes with a lifetime warranty, ensuring long-term reliability and peace of mind for your investment.

8.2 Customer Support

Should you require assistance or have any questions, Trak-4 offers friendly and responsive customer support. You can reach their support staff via phone or email for troubleshooting and guidance.