

# Trip ELD

TRIP77 Hardware Manual

**phone: +1 623 887 37 77**

**email: [tripeld.provider@gmail.com](mailto:tripeld.provider@gmail.com)**

Overview.....	3
Installation.....	4
LED.....	5
Red.....	5
Green.....	5
Bluetooth.....	6

## Overview

TRIP77 is an Electronic Logging Device (ELD) used with the Trip ELD mobile application. This reliable device is manufactured by PacificTrack and is also known as PT30. The device must be installed in the vehicle and connected to the diagnostic port interface (J1939).

# Installation

1. **DO NOT** pair Bluetooth in your phone/tablet settings. The connection will be established in the Trip ELD application. However, if your phone/tablet prompts you or asks you for permission to turn on Bluetooth, you need to do that since Bluetooth is needed for the device to communicate with the app.
2. Plug the device into the vehicle port BEFORE turning on the vehicle and BEFORE running the Trip ELD application.
3. You should see a slow-flashing green LED indicating the device is powered. You should also see a flashing red LED indicating that the internal GPS is in acquisition mode. A solid red LED indicates the signal is locked, but you can proceed to the next step without waiting for the GPS lock.
4. Turn on the vehicle engine.
5. You should see a fast flashing green LED indicating vehicle bus activity has been detected.
6. After the green LED becomes solid, the device is registered on the vehicle bus, and you can run the Trip ELD app and connect it to the truck.
7. From then on, the device will retain the information it needs, such as VIN, to communicate with the app via Bluetooth Low Energy. Note that for power management reasons, sometimes the LEDs will not stay on.
8. For software setup, please follow the Trip ELD User Manual.

## LED

### Red

The following table summarizes the functionality of the Red LED.

LED State	Meaning
Off	The GPS power management engaged. GPS is turned off, and the GPS backup clock is on.
Blinking	The GPS is in acquisition mode.
On	The GPS signal is locked.

### Green

The following table summarizes the functionality of the Green LED.

LED State	Meaning
Off	The device is not plugged in
Short Blinking	The device is powered, and the vehicle bus is not detected.
Fast Blanking	Bus activity detected device is registering.
On	The device is registered on the vehicle bus.

## Bluetooth

The TRIP77 uses Bluetooth Low Energy (BLE) to communicate with the mobile device. Do not try to pair with the TRIP77 directly from your mobile device's settings. The link between the TRIP77 and the mobile device must only be established using the Trip ELD app (see the Trip ELD User Manual for more details).