



**VECTOR**  
**ELD**

## Vector ELD

VCTR10 Hardware Manual

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# VECTOR ELD

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## Overview

The VCTR10 is a certified Electronic Logging Device (ELD) developed by PacificTrack (also referred to as the PT30) for use with the Vector ELD mobile app. Proper operation requires installation inside the vehicle and a direct connection to the J1939 diagnostic port.

## Installation

**Important!** Do not attempt to pair the VCTR10 manually through your device's Bluetooth settings. Always establish the connection directly through the Vector ELD app. Bluetooth Low Energy (BLE) must be enabled, and Bluetooth access permissions should be accepted if prompted.

Complete the following actions to install the device correctly:

1. Plug the VCTR10 into the vehicle's diagnostic port **before** starting the engine or opening the Vector ELD app.
2. Observe the device's LED behavior:
  - ◆ A **slow blinking green LED** confirms that the unit is receiving power.
  - ◆ A **blinking red LED** shows that the GPS is actively trying to acquire a signal.
  - ◆ A **solid red LED** means the GPS has locked onto a signal, although it is not necessary to wait for GPS lock to continue with setup.
3. Start the engine.
4. After ignition, a **fast-blinking green LED** will indicate vehicle bus activity detection.
5. When the **green LED turns solid**, the VCTR10 has registered successfully with the vehicle's system and is ready for connection through the Vector ELD app.

Following initial setup, the device saves critical data, such as the **Vehicle Identification Number (VIN)**, and maintains the link to your mobile device via **Bluetooth Low Energy (BLE)**.

**Note!** The LED indicators may turn off at times to preserve battery life, depending on system activity.

For more detailed configuration information, consult the **Vector ELD User Manual**.



## LED

### Red LED (GPS Status)

The **Red LED** shows the current GPS signal status:

LED State	Meaning
Off	The GPS module is powered down; the backup clock remains active.
Blinking	The GPS is in acquisition mode, searching for satellites.
On	The GPS signal has been successfully locked.

### Green LED (Vehicle Bus Status)

The **Green LED** reflects the device's interaction with the vehicle's communication network:

LED State	Meaning
Off	No connection to a power source.
Short Blinking	The device has power, but has not detected vehicle bus activity.
Fast Blinking	Vehicle bus detected; device is registering.
On	Full registration with the vehicle bus is completed.



## Bluetooth

The VCTR10 device uses Bluetooth Low Energy (BLE) for communication with the mobile application.

**Important!** Always initiate pairing through the Vector ELD app, not through your phone or tablet's Bluetooth settings, to ensure a proper connection.

For additional instructions and troubleshooting support, refer to the full Vector ELD User Manual.