

ELD PRO Solution
PRO001 Hardware Manual

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Overview

PRO001 is an Electronic Logging Device (ELD) designed to work with the ELD PRO Solution mobile app. Manufactured by Pacific Track and also referred to as PT30, this device requires installation in the vehicle and connection to the diagnostic port interface (J1939).

Installation

1. Avoid pairing Bluetooth in your phone or tablet settings. Bluetooth connection will be established within the ELD PRO Solution app. However, if your device prompts you or requests permission to enable Bluetooth, it's necessary to do so as Bluetooth is essential for communication with the device.
2. Insert the device into the vehicle port BEFORE starting the vehicle and BEFORE launching the ELD PRO Solution app.
3. Observe a slow flashing green LED, indicating device power. Additionally, note a flashing red LED, indicating the internal GPS is in acquisition mode. A solid red LED signifies a locked signal, but you may proceed without waiting for GPS lock.
4. Start the vehicle engine.
5. Witness a fast flashing green LED, indicating detection of vehicle bus activity.
6. Once the green LED remains solid, the device is registered on the vehicle bus, allowing you to launch the ELD PRO Solution app and connect to the truck.
7. From this stage onward, the device will possess and retain necessary information, such as VIN, for Bluetooth Low Energy communication with the app. Note that LEDs may not remain lit at all times due to power management.

LED

Red

Red LED Functionality Summary:

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

Green

Green LED Functionality Summary:

Led State	Meaning
Off	Device is not plugged in.
Short Blink	Device is powered, vehicle bus not detected.
Fast Blink	Bus activity detected, device is registering.
On	Device is registered on the vehicle bus.

Bluetooth

The PRO001 utilizes Bluetooth Low Energy (BLE) for communication with the mobile device. Avoid attempting to pair directly with the PRO001 from your mobile device settings. The connection between the PRO001 and the mobile device should only be established using the ELD PRO Solution app.