



24HOS ELD

024HOS Hardware Manual

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Overview

The 024HOS Electronic Logging Device (ELD), manufactured by PacificTrack and also referred to as the PT30, is designed to work exclusively with the 24HOS ELD mobile app. To function properly, the device must be installed inside the vehicle and connected directly to the J1939 diagnostic port.

Installation Steps

Important! Do not connect the 024HOS manually through your phone or tablet's Bluetooth settings. Always pair the device using the 24HOS ELD app. When prompted, be sure to enable Bluetooth permissions to allow proper communication via Bluetooth Low Energy (BLE).

To install the device correctly, follow the steps below:

1. Attach the 024HOS to the vehicle's diagnostic port **before** starting the engine or opening the 24HOS ELD app.
2. Check the LED lights once connected:
 - ◆ A **slow-blinking green LED** confirms the device has power.
 - ◆ A **blinking red LED** shows that the GPS is attempting to acquire a signal.
 - ◆ A **solid red LED** indicates a GPS lock, although setup can continue without waiting for this confirmation.
3. Start the vehicle's engine.
4. Once the engine is running, a **rapidly blinking green LED** signals that vehicle bus activity has been detected.
5. When the **green LED becomes solid**, it means the 024HOS has successfully registered with the vehicle's communication network and is ready for use with the 24HOS ELD app.

After registration, the 024HOS will store key information like the **Vehicle Identification Number (VIN)** and continue maintaining a Bluetooth Low Energy (BLE) connection to your mobile device.

Note! The LEDs may switch off periodically to conserve power, depending on activity.

For full setup and troubleshooting details, refer to the **24HOS ELD User Manual**.



LED

Red

The **Red LED** displays the GPS status:

LED State	Meaning
Off	The GPS is turned off to save power; the backup clock remains operational.
Blinking	The GPS is actively searching for satellites.
On	The GPS signal has been successfully acquired.

Green

The **Green LED** shows the device's connection state with the vehicle bus:

LED State	Meaning
Off	No power detected.
Short Blinking	Power is on, but no vehicle bus activity has been found.
Fast Blinking	Bus activity detected; the device is registering.
On	The device has fully registered with the vehicle bus.



Bluetooth

The 024HOS device uses Bluetooth Low Energy (BLE) for communication.

Important! Always initiate the pairing through the 24HOS ELD application — manual pairing through the Bluetooth menu of your device is not supported and will prevent proper operation.

For complete instructions and further support, refer to the 24HOS ELD User Manual.