



Amber ELD

Amber ELD

AMBER1 Hardware Manual

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Overview

AMBER1 is an Electronic Logging Device (ELD) designed to work with the Amber ELD mobile application. PacificTrack manufactures this device and is also referred to as the PT30. It must be installed in the vehicle and connected to the diagnostic port interface (J1939).

Installation

1. **Do not** initiate Bluetooth pairing through the settings of your phone or tablet. The connection will be established within the Amber ELD application. If your device prompts you to enable Bluetooth or requests permission to do so, it is imperative that you accept, as Bluetooth functionality is essential for the device to communicate with the application.
2. Connect the device to the vehicle's port before starting the vehicle and launching the Amber ELD application.
3. Upon connecting the device, a slow-flashing green LED will indicate that the device is powered. A flashing red LED signifies that the internal GPS is in the process of acquiring a signal. A solid red LED indicates that the GPS signal has been successfully locked; however, you may proceed to the next step without awaiting GPS lock confirmation.
4. Activate the vehicle engine.
5. After the engine is started, a fast-flashing green LED will indicate that vehicle bus activity has been detected.
6. When the green LED transitions to a solid state, the device is successfully registered on the vehicle bus, allowing you to open the Amber ELD application and establish a connection with the truck.
7. From this point forward, the device will retain essential information, such as the Vehicle Identification Number (VIN), enabling it to communicate with the application via Bluetooth Low Energy. Please be advised that the LED indicators may not remain illuminated at all times due to power management considerations.
8. For detailed instructions on software setup, please refer to the Amber ELD User Manual.



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LED

Red

The following table summarizes the functionality of the Red LED.

LED State	Meaning
Off	GPS power management engaged. GPS is turned off, and the GPS backup clock is on.
Blinking	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.



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Bluetooth

The AMBER1 device utilizes Bluetooth Low Energy (BLE) for communication with your mobile device. It is imperative that users do not attempt to pair the AMBER1 directly through the settings of their mobile devices. Instead, the connection between the AMBER1 and the mobile device must be established exclusively via the Amber ELD application. For additional details, please consult the Amber ELD User Manual.