



Driver Manual

iOSix ELD (Android)



Per FMCSA Rules, please keep this manual in MasterELD equipped vehicles.



Tech Support

eldsupport@safetypartners.org



630-422-7497

www.mastereld.com



Ordering

orders@safetypartners.org

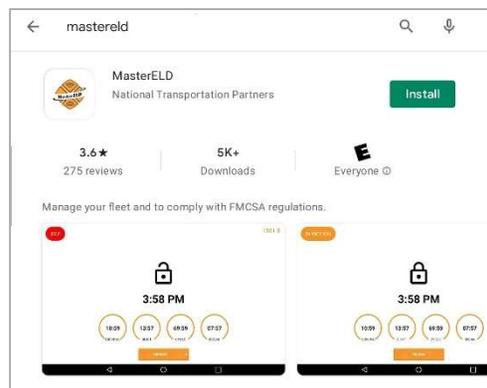
Section 1 - MasterELD System Requirements



- **4G LTE** mobile device with **data-roaming enabled**.
- **Bluetooth 4.0** and **internal GPS**.
- **Android 9 or newer** operating system.
- **A Google account** signed into the mobile device.

Section 2 - Installing MasterELD

1. Open 'Google Play'
2. In top 'Search' bar, search 'MasterELD'
3. Click on green 'Install' button.



(Google account required to access the Google Play Store)

Section 3 - Installing Device

1. Make sure your vehicle engine is turned off. Check the ignition key is set to 'Off' position.
2. Locate the diagnostic port inside of your vehicle.
3. Insert ELD device and turn clock-wise to lock device.
4. Turn on Power. ELD device will begin synchronizing with your vehicle's engine computer.

The ELD device has small lights, to indicate it's status.

- Blinking **Green** and **Blue**
ELD Device is connected and receiving data from the vehicle's computer.
- No Light
ELD Device is not connected or not receiving power.



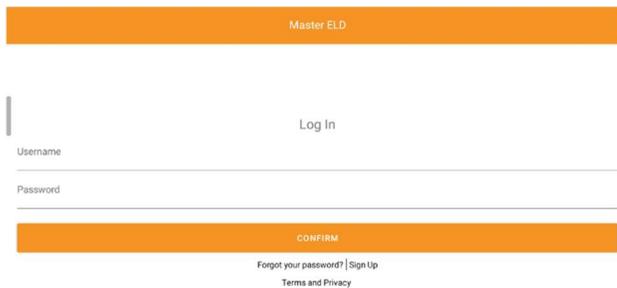
IMPORTANT: PLEASE READ

Per FMCSA, please begin daily ELD usage in the following order:

1. Start the MasterELD application.
2. Check the ELD device is connected and receiving power.
3. Log in using your username and password.
4. Select correct vehicle.
5. Start the ignition of the vehicle. *(This should be the very last step.)*

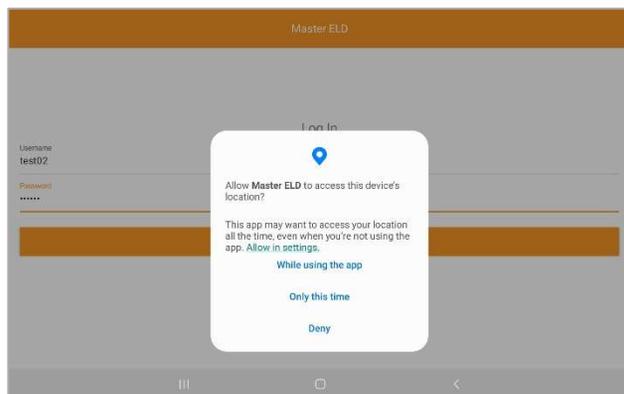
Section 4 – Logging-In to MasterELD Driver App

1. Open the MasterELD application.
2. Enter your Username and Password.
3. Click 'Confirm.'
4. Select your Vehicle.



Section 5 - Granting Permissions

1. To function, the MasterELD app requires permission to use your device's Location and Storage.
2. Please always select 'Allow', or 'Always Allow'.



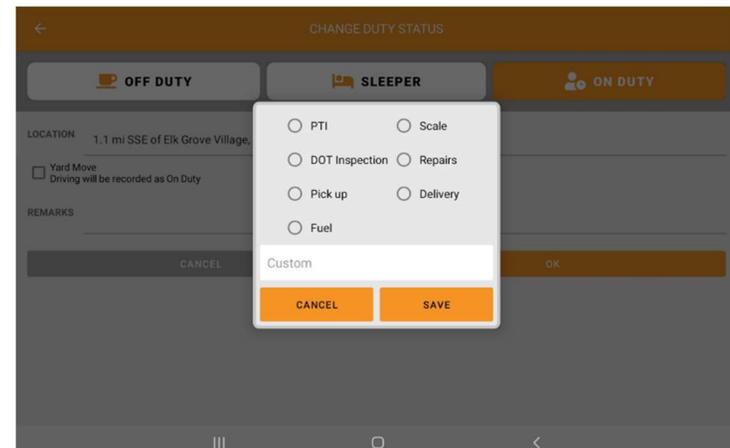
Section 6 – Connecting to the ELD Device

To pair to your ELD device by Bluetooth, you MUST log into your driver account first. This is required for security reasons.

1. After logging in, a red bar will appear at the top displaying '**Scanning**'. This is your tablet and app looking for an available device.
2. After it finds the device in your vehicle, it will pair automatically to this device, and the red bar will disappear.
3. While the ELD app is running, it will continue to be paired to the ELD device.

Section 7 – Starting A Shift

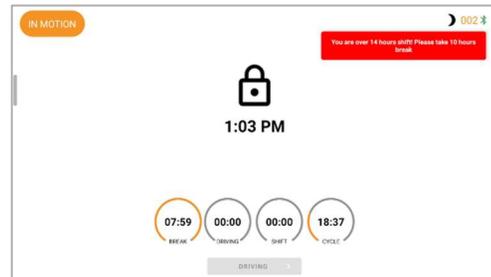
1. On the main ELD home screen, press '**On-Duty**'
2. Your location will automatically generate.
3. To indicate a Pre-Trip, click on the long line next to 'Remarks'.
4. Select 'PTI' from the menu that appears.
5. Press 'Save' and then press 'Ok'.



Section 8 – Recording Movement

Per FMCSA, the ELD device will begin automatically recording CMV movement at a vehicle speed of 5 MPH. Depending on driver input, this movement can be categorized as one of three options:

1. On-Duty Driving.
2. On-Duty Yard Move.
3. Off-Duty Personal Conveyance.



Section 8A – On-Duty Driving Movement

- Press '**On-Duty**' to indicate movement as part of your shift. Initiate driving.
- **This movement WILL count against your 'DRIVING' clock.**

Section 8B – On-Duty Yard Move Movement

- Press '**On-Duty**' to indicate movement as part of your shift.
- Select the checkbox for 'Yard Move' in the On-Duty menu. Initiate driving.
- **This movement WILL count against your 'ON-DUTY' shift clock.**

Section 8C – Off-Duty Personal Conveyance Movement

- Press '**Off-Duty**' to indicate movement as a personal action, *not related to business purposes*.
- Additionally, select checkbox for 'Personal Conveyance' in the Off-Duty menu. Initiate movement.
- Please note, per FMCSA, a reason for the personal movement will be required.

MasterELD is not responsible for PC movement not in compliance with FMCSA regulations. Please contact your carrier if you have questions about PC movement.

Section 9 - Perform a DVIR (Post-Trip Inspection)

Post trip inspections must always be conducted at the end of the workday. To begin, navigate to section 'DVIR' and press on the orange + button.



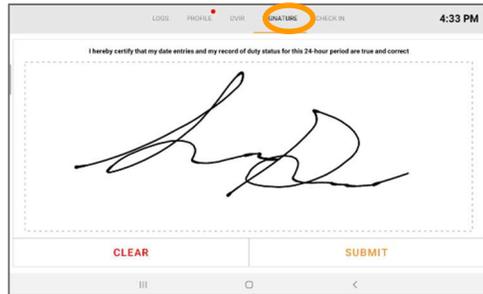
The driver may then select from two options:

- Driver found nothing wrong with vehicle combination during inspection.
- Driver found a fault with vehicle combination during inspection. He may further explain what that fault is.

Section 10 – Certify A Log

Certifying your logs at the end of every workday is important, as it affirms the activity is true and accurate.

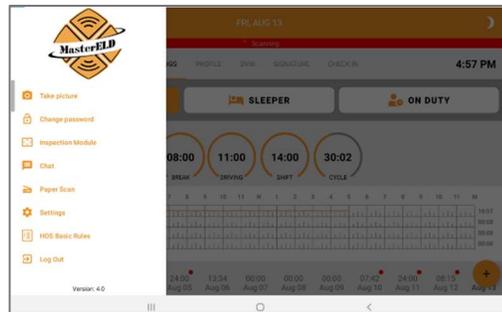
1. Click on 'Signature' category.
2. Draw your signature or apply preset saved signature.
3. Press 'Submit' button.



Section 11 – Logging off MasterELD

Per FMCSA, it is recommended a driver shuts off a vehicle whenever possible, BEFORE logging off the platform.

1. Press 'Off Duty' or 'Sleeper'.
2. Shut off vehicle (If possible).
3. Navigate to the upper left-hand column three lines.
4. Select 'Log Off' from the menu.



Section 12 – Profile

The profile section contains logbook information not inside the HOS graph. This information can include:

- Driver's Name
- Driver's ID Number
- CMV Number (Selected at login screen)
- Trailer Number
- Load Number
- Trip Information
- Daily Mileage (Calculated automatically)
- Carrier Name and Address.

It is important this information be kept current by both the driver and the carrier staff.

Information changed can be saved by scrolling to the bottom of the screen and pressing the large orange 'Save' button.



Section 13 - Device Malfunctions

Section 395.22 – Motor Carrier Responsibilities

“A motor carrier must ensure that its drivers possess onboard a commercial motor vehicle and ELD information packet containing the following items:

An instruction sheet for the driver describing ELD malfunction reporting requirements and recordkeeping procedures during ELD malfunctions.”

MasterELD Self-Monitoring

MasterELD will monitor and report malfunction data based on section 4.6 ‘ELD’s Self-Monitoring of Required Functions’ Table 4:

- P** – “Power Compliance” malfunction.
 - E** – “Engine Synchronization Compliance” malfunction.
 - T** – “Timing Compliance” malfunction.
 - L** – “Positioning Compliance” malfunction.
 - R** – “Data Recording Compliance” malfunction.
 - S** – “Data Transfer Compliance” malfunction.
 - O** – “Other” ELD detected malfunction.
-

How can a driver know if the Master ELD is malfunctioning?

The MasterELD ELD device has visual LED lights to indicate its status.

- No Light – The ELD is not plugged in or not receiving power.
- Blinking **Green** and **Blue** – The ELD is connected.
- Any color except Blue and Green – The ELD is not connected to the vehicle ECM.

Section 13 - Device Malfunctions (Continued)

What does the driver need to do in case of a malfunction?

1. Contact **MasterELD Technical Support** immediately at **630-422-7497** or email **eldsupport@safetypartners.org**
2. Provide written notice to your fleet management within 24 hours of malfunction discovery.
3. Temporarily switch to manual paper logs until the ELD is repaired.

What does the fleet need to do if the ELD is malfunctioning?

1. A motor carrier must take action to correct the malfunction of the ELD within 8 days of discovery of the malfunction on a driver’s notification to the motor carrier, whichever occurs first.
2. Upon notification by fleet manager, MasterELD will prepare a new device for the carrier.
3. If a motor carrier needs a time extension beyond 8 days, MasterELD is not authorized to provide this extension. The motor carrier must contact the FMCSA Division Administration for the state of the motor carrier’s place of principal business within 5 days after a driver has notified the carrier, according to guidelines set forth in 395.34(2)

IMPORTANT: IN CASE OF DOT OR ENFORCEMENT INSPECTION, PLEASE SEE THE FOLLOWING PAGE.



DOT REFERENCE CARD

MASTERELD | ELD

The MasterELD device plugs into the diagnostic port in a vehicle and is integrally synchronized with the engine. The ELD automatically records driving time and connects the MasterELD application on a mobile device via Bluetooth.



MasterELD is approved and officially registered with the FMCSA.

All versions of MasterELD can be found by visiting the government website www.csa.fmcsa.dot.gov/ELD/List

Enter keywords "MasterELD"

DEVICE MALFUNCTION GUIDE

BLUE LINK (WIRELESS LINK)	
MALFUNCTION	WHAT TO DO
NO LIGHT	Turn the engine off and check the cable connection
BLINKING BLUE	Turn the engine off and restart the tablet; call customer support



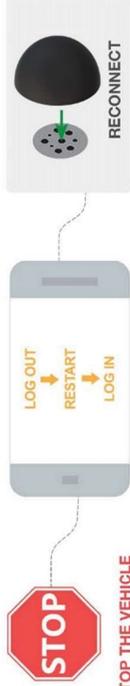
IOSIX	
MALFUNCTION	WHAT TO DO
NO LIGHT	Turn the engine off and reconnect the plug
TABLET SHOWS "SCANNING"	Call customer support



PACIFIC TRACK PT-30	
MALFUNCTION	WHAT TO DO
NO LIGHT	Turn the engine off and reconnect the plug
TABLET SHOWS "SCANNING"	Call customer support



IF YOU TABLET SCREEN DOES NOT LOCK WHILE DRIVING



STOP THE VEHICLE

Failing to stop the vehicle and assure proper functioning of the ELD device and application will constitute as a DOT violation.

FOR OFFICER LOG INSPECTIONS

Tap the "Menu" icon and Select " Inspection Module"



Tap "Begin Inspection" to let an officer view your logs directly from your device

INSPECTION MODULE

Review logs for previous 7 days + today

Tap "Begin Inspection" and hand your device to the officer

BEGIN INSPECTION

Tap "Send Logs" to email a copy of your logs to an officer

INSPECTION MODULE

Send logs for previous 7 days + today

SEND LOGS

Tap "Send Output File" to submit your ELD Output file to the DOT via web services

INSPECTION MODULE

Send ELD Output File to DOT

SEND OUTPUT FILE

KEEP THIS CARD IN VEHICLE AT ALL TIMES !



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