

## JMS - FleetMax Enterprise Handheld V1.1

*The Enterprise version of FleetMAX was designed to be adjusted and configured by the fleet manager “LIVE” while operating the vehicle. All adjustments are made via the handheld controller.*

- FleetMAX works on virtually every vehicle made since 2005 (Class 2-13)
- Two things are required for the FleetMAX system to operate:
  - 1) Electronic Throttle Control 2) Anti-Lock Brakes or another type of speed signal (Hall or Magnetic).
- The handheld controller is only required if the fleet manager wants to adjust/tweak their vehicle settings.
- If needed, FleetMAX units can be BULK preloaded by the factory with the customers specific handheld configuration. To preload units: the customer would need to provide a picture of the Hex Code. The Hex Code information is available at the bottom of the main/top menu.
- FleetMAX will not void your OE warranty and it does not alter the emissions or emissions equipment on your vehicle. It is compatible with all OBD-II programming and telematics/GPS systems.

### **FleetMAX Enterprise system consists of:**

- FleetMAX Enterprise Control Box
- FleetMAX Enterprise Handheld Controller
- Main FleetMAX wire harness
- ABS Sub-harness
- Power Sub-harness

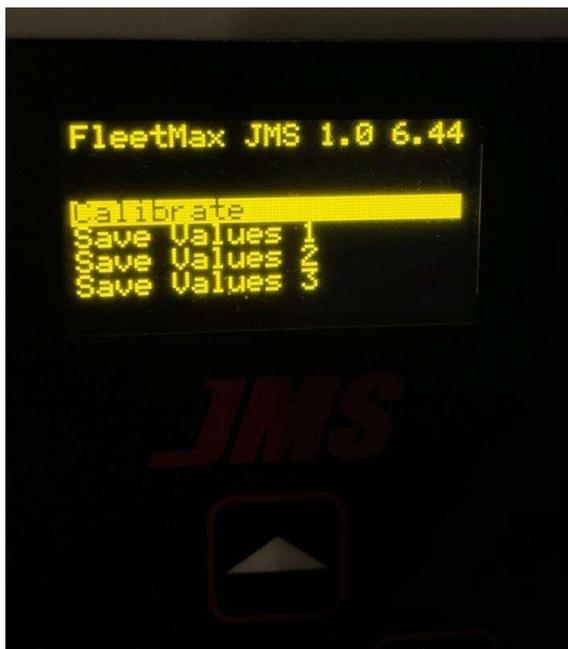
### **Enterprise Handheld :**



Handheld display when the handheld is connected to power and the ignition key is: **off**.



Handheld Display when the vehicle is powered on - press ENTER on the handheld to LIVE calibrate FleetMAX.



- If you scroll down in the main menu, you can
- save configurations
  - load configurations
  - restore the original values from the black box
  - Display Hex Code



If you choose Show Hex Code, this screen below is similar to what you would see. This information would be sent back to JMS and used to BULK pre-load your products.



When you select calibrate, this is the screen that you would see.



**Up/Down arrows** - move the cursor to the next option.

**Right/Left arrow** to adjust the value.

**Hold** the button for **auto-repeat**.

**ESC** - to save the values into the black box. Values will be lost if you do not press ESC and you power off the vehicle.

### **Match V Speed (Match Vehicle Speed)**

Drive vehicle at a constant speed above 25mph (use the cruise control).

**Hold** the right or left arrow to adjust until the **display speed** until it **matches the speedometer**.

Accuracy is improved if you drive faster when performing this adjustment (60mph recommended).

**Speed Limit:** Maximum speed of the vehicle. Match V Speed must be set for this to be accurate.

**TRQ Reduction:** Across the board torque reduction. 0=stock & 100=max reduction. Typical values are set between 5 and 20. Typically this value is used to increase fuel economy and reduce drive train shock.

**Stomp Thresh %:** 0=OFF, 100=ON full time, Turns on and off the stomp feature.

The stomp feature limits the acceleration rate while not limiting the torque output. (100 recommended)

If a Stomp Thresh value between 1-99 is chosen, this defines a pedal over-ride. For example, a value of 50 - pedal movement below 50% pedal would be rate limited - above 50% would not be limited. Typically if this feature is used the value would be set at 80% or higher.

**Stomp Timer** - Second component to the stomp feature. If stomp is enabled, this is the time value that delays shock to the drive train. (10-20 is typical)

**LEO - Law Enforcement Option** - 0=OFF, 1=ON: If your product is equipped with the LEO option. When this option is turned on (set to 1) and the LEO wire is grounded - ALL speed limiting, torque limiting and stomp are DISABLED. Typically this is used by Law Enforcement and Emergency Services agencies.

**Reward Timer M** - if the driver stays under the speed limit and soft speed limits for this number of minutes then they are allowed a over speed reward time for passing in Seconds. If used, the typical value set is 15.

**Reward Time S** - amount of time in Seconds that a driver can drive above the speed limit (for passing). Typical is 120 seconds.



**Cruise OFF ABS - 0=OFF, 1=ON** — On many newer vehicles (2018+) this option can be enabled. If the cruise control is utilized to bypass the speed limit, enabling this feature will AUTOMATICALLY turn off the cruise control. NOTE: If the cruise is turned off using this method, the vehicle key might need to be cycled to re-enable the cruise system and to clear the ABS light and re-enable cruise control. It is recommended to speak with one of our FleetMAX techs before enabling this feature.

**Standard Cruise Disable** is built into every FleetMAX. This feature is enabled by default and it works by sending a cruise disable control signal to the body control module. The cruise disable signal is only sent if the driver utilizes the cruise control to bypass the speed limiter. This is a hardwired connection.

**Hill Overspeed** - 4 MPH is typical. When a vehicle is going down a hill, this value stops FleetMAX from artificially disablig off the cruise control.

**S Speed 1/2/3** - MPH Soft Speed Limits

**SS Reduction 1/2/3** - % amount of torque to reduce - Soft Speed Reduction 1

Soft Speed Reduction 1/2/3 work together to slow the vehicle down or pull out pedal to keep a vehicle from jerking or downshifting while on the speed limiter.

It is recommended to leave these values at the factory settings, unless an issue occurs where the vehicle has a downshift that occurs right before the speed limit.

If adjusting, we recommend that you speak with one of the JMS FleetMAX techs.

- S Speed 1 must be the largest mph number, S Speed 2 the next largest, S Speed 3 the smallest.

