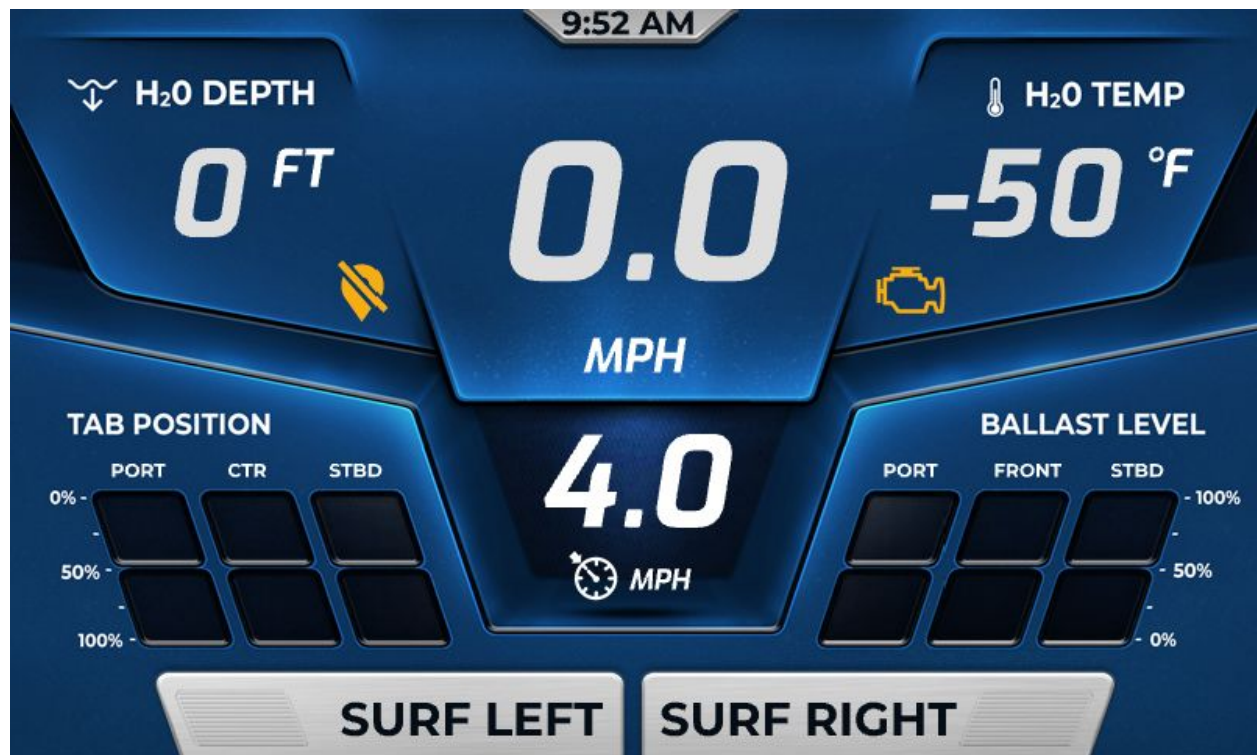




MB Sports 500 Dashboard User Manual

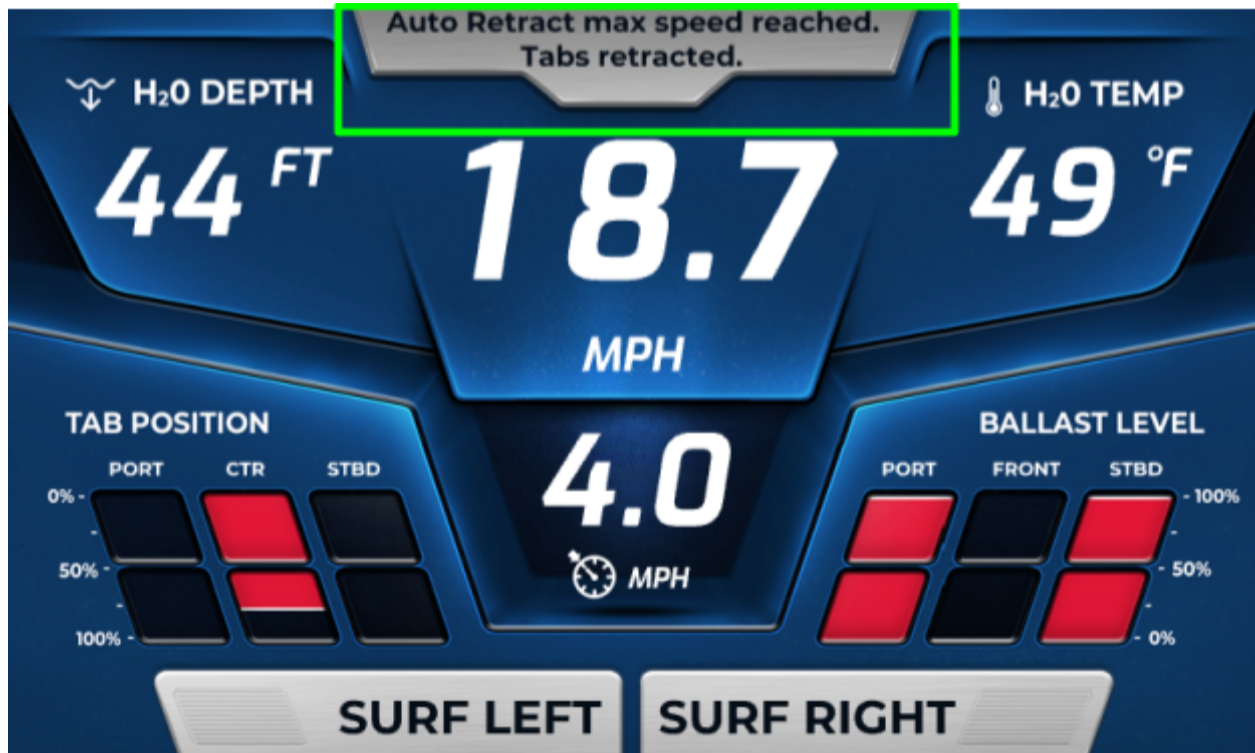
Updated 2020-09-22

Dashboard



Boat Information Tab

Periodically this tab will drop down with information about what the surf, cruise, or vessel system is doing.



Zero Off Cruise Control

When Cruise is enabled, the cruise icon will show up red. When cruise speed is reached. Background will glow green.



Other Dashboard Information

Ballast timers will appear when timed tanks are running.



1. Maintenance Indicator
2. Check Engine Light
3. PDM fault

Menu Functions

Access Menus

To enter menus press in all four corners in any order within 5 seconds



General

- Units - Select between US and Metric Units
- Clock - Time is populated from GPS. Select the
- View Software Version
- Reboot to Loader - This allows for software to be updated
- Debug - This is used for verifying PDM and GPS performance.

Display

- Adjust brightness

PDM

- Do not adjust outputs unless directed to by MB Sports
- Adjust output current ratings

Vessel

- CAN Information
- Engine Diagnostic
- In the event you have a check engine light on the dashboard, the Engine Diagnostic menu will allow you to read out trouble codes and any associated text.
- DM1 - Active faults
- DM2 - Store faults in ECU
- Water Temp PGN - Select PGN 130311 or 130312.

Wake

Ballast

- Adjust fill and empty times for front ballast tank pumps
- Plug & Play Ballast
- Turn plug & play ballast pumps on/off.
- Adjust fill time and number of clicks on timed plug and play ballasts
- The plug & play pumps will not run until the hard tanks have reached a minimum fill level. Adjust fill level via the keyboard.

Tabs

- Select between 2 ¼" or 4 ¼" Lenco Tab Actuators. Selecting the incorrect actuator will result in inaccurate tab readings

Surf

- Control whether or not Tabs are retracted when cruise is enabled
- By default, there is a delay when switching surf sides. Adjust delay and horn duration in this menu.

Auto plane

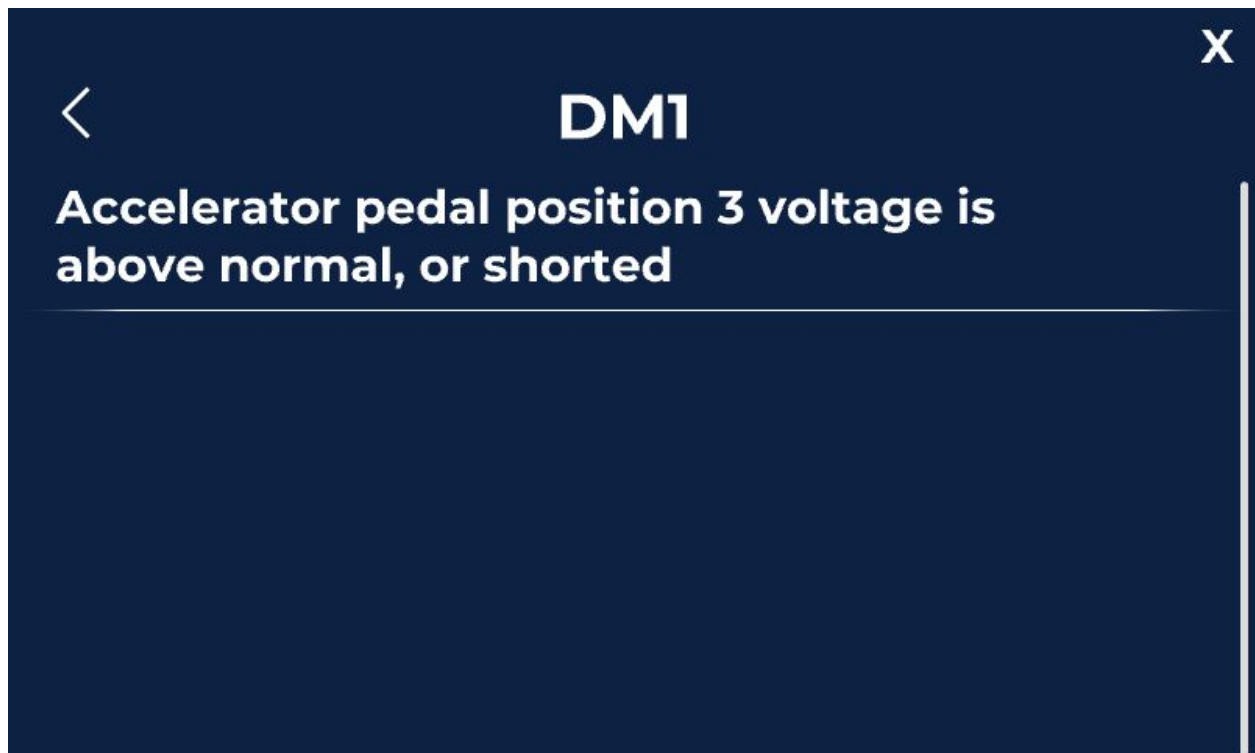
- Enable center tab to deploy while boat is accelerating

Auto Retract

- When enabled, tabs will automatically retract when crossing a set speed. The tabs will re deploy when boat gets below reset speed.
- Enable Tab Retract Lower - When this is enabled, tabs will retract when going below a set speed. Tabs will redeploy when going above the reset speed
-

Engine Faults

- Menu > Vessel > Engine Diagnostics
- DM1 - Active Faults
- DM2 - Stored Faults



[Troubleshooting Guide](#)

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