

MMO Gen 2 Display Update R32

Release Notes & Feature Documentation

Release Notes

- Added Whelen page, accessible from the Home page.
- Removed Takedowns from AUX1.
- Added Select Takedowns to Whelen page.
- Fixed setup issue that skipped rotator question.
- Darkened transparencies.
- Added hidden Whelen status table for debugging.
- Added CLEAR icon to Diagnostic popup message.
- Added RPM warning above 1100 RPMs for PTO engagement.
- Added Traffic Advisor with turns.
- Added Corners Marker ON/OFF.
- Added M100 truck type for MC2 6.0 LMI compatibility.
- Fixed ALL ON and Switch Panel state machines.
- Added Lightbar Beacon Pattern and TA Patterns.
- Added Lightbar Low Power Mode.
- Added KCAN compatibility.
- Fixed WeCan TA arrows.
- Fixed Lightbar not turning off after extended use.

Update File: FULL_MMO_GEN2_PV450T-R32.gciBin

Feature Documentation

During Initial Setup, selecting the Freedom IV Lightbar Controller <u>WC Gateway</u> will make the new Whelen icon available on the Home page.

New Whelen icons in the tray will indicate Low Power Mode is on and the Front Takedown lights are on. Pressing either icon will quickly take you to appropriate page to turn off those functions.

It is recommended with this update to set the Home page as the default start up page for any truck with a CAN based Freedom IV lightbar with the WeCan Gateway module.





Whelen Main Menu

Trucks without a WeCan Gateway module or trucks experiencing a power or CAN communications loss will not see any new features depicted below.

Any WeCan Gateway module on the network will be detected and shown across the top of the Whelen Main Menu. All features listed below the detected lightbars apply to all lightbars present.

Low Power Mode

Low Power Mode will dim all amber lightheads in any lightbar available. The red Turns/Brakes lightheads are not affected. Low Power will be off with each power cycle. This is most useful at night to cut the brightness of the lightbar.

Beacon Front / Beacon Rear

The Beacon Front or Beacon Rear buttons cycle the front facing or rear facing sections of the lightbar off or



ux Beacon 🛛 🐼 DoubleS	tack
ux Beacon 🖉 🐼 DoubleS	tack
and a second	-
on Front Beacon Re	ar
ON ON	
ONE	
	ON Beacon Rea ON ON

back on. A power cycle resets these back to on. Useful for turning off lights that face oncoming traffic.

Front Takedowns

The front facing white takedown lights have been removed from the Aux1 button on the Switch Panel page. The Front Takedowns now have a sperate button that will popup a selection of flashing patterns and a solid (nonflashing pattern). A power cycle reverts the Takedowns to off. When the Takedowns are on, an indicator icon will appear in the system tray at the bottom of the display. Taping the



indicator icon will bring you straight to the Takedown Pattern Selection page.











Main/Aux/Double Beacon Settings

Tapping any of the white buttons indicating a lightbar is present will take you to the Setting page for that lightbar. The selected lightbar is then highlighted and the settings listed below it only apply to that selected lightbar. All features listed here survive the power cycle.



TA Turn Signal

Traffic Advisor Turn Signal setting is defaulted to off. If it is turned on (YES), then the Traffic Advisor feature of the lightbar will activate with either the left or right turn signal and will match the direction selected. Turning on the Hazards when this feature is enabled will cause the Traffic Advisor to start from the center and move out. Note that the chassis turn signals and hazards will turn off the Traffic Advisor when those signals are turned on or off.

Corner Markers

Corner Markers setting is defaulted to off. This means the corner amber lightheads and the red Mark/Turns/Brakes lights will not illuminate when the chassis markers are turned on. The Marker Flashers button on the Switch Panel page is unaffected by this setting. If the Corner Markers setting is on (YES), then those lightheads will illuminate when the chassis marker lights are on.

Beacon Pattern

Tapping the Beacon Pattern button will display the 12 different beacon patterns available. Use the Demo button to activate the beacon and observe the selected pattern. Tap Done to confirm the selection.



BONIFACE



Traffic Advisor Pattern

Tapping the Traffic Advisor button will display the five directional patterns and two split patterns available. Select one directional and one split pattern. Use the demo button to activate the Traffic Advisor and observe the selected pattern. Each press of the Demo button will cycle through the various directions, Left, Right, or Split. Tap Done to confirm your selection.



Visit <u>https://www.millerind.com/r/updates</u> for all current production update files and instructions.

*Municipal units with non-standard MMO display functionality should not update, or should consult with Michael Marshall.

