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## Changeable Message Display Trailer Mounted

*"GET THE MESSAGE ACROSS"*

MODEL LCMB8249WF

### FEATURES

- Graphic Capability
- Compact Trailer Design
- Quick Message Selection
- Solar Powered
- Removable Tongue
- Lockable Cabinets
- Password Protection
- Powder Coat Paint
- Tongue Jack (with wheel)
- NTCIP Controller Standard
- Independent Module Operation
- Photocell for Auto dimming
- RF Immunity

### GRAPHIC CAPABILITY

- MUTCD Symbols
- Arrow Board Patterns



### QUICK SELECTION SWITCH

With our **Quick Message Selection Switch** you can switch between the first 16 user defined messages that you create. This will allow for field workers to have no experience in programming - just turn the thumbwheel to desired message number.





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## General Specifications for Model LCMB8249WF

Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, and display is 82" x 49", with winch style trailer. Supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with six-(4) 6-volt batteries and 120 watts of solar. NTCIP Compliant.

### Trailer

**Width:** 68-1/2"

**Length with tongue:** 104-3/4"

**Length without tongue:** 55"

**Transport Height:** 86"

**Salt Spray:** 1,000 hours

**Paint:** Powder Coat

**Main frame:** 2"x2" 1/8" tubular steel

**Front/Rear Cross members:** 2"x2" 1/8" tubular steel

**Wheels:** 15"

**Axle:** 3500lbs leaf spring

**Fenders:** 16 gauge bolt on

**Jacks:** (4) adjustable corner jacks & tongue jack with wheel.

**Hitch:** 2" ball

### Display Modules

**Pixel Matrix:** 27x48 Pixel Arrangement

**LED Module:** Each is 6x9 matrix

**LED's Per Pixel:** 3

**LED Type:** Agilent amber 592NM

**Viewing Angle:** 30 degrees

**Hours:** 100,000 hour LED

**Lines:** Displays 3 lines of text and also displays **Graphics**

**Characters per line:** 8 (12 characters optional)

**Character Height:** 10"

**\*If one module fails the remainder of board is unaffected.**

### Options

Locking lug nuts

Cell Modem

Radar

Pintle ring or bulldog hitch

Electric or hydraulic brakes

Custom Paint

Other Options available

### Display Enclosure

**Construction:** Extruded Aluminum 6063 alloy

**Length:** 82" **Width:** 49" **Depth:** 6"

**Paint:** Powder coat paint

**Salt Spray:** 1000 hours

**UV Resistant:** 500 hours

**Seal:** Weather resistant

**Venting:** Vented top and bottom

**Front face:** 1/8" Lexan UV matte finish

**Raising and lowering of display:** Manual winch

### Power and Charging

**Batteries:** (4) 6 volt 225 amp batteries

**Battery Charger:** 110 Volt, 1000 watt, 60amp

**Recharge:** 24 hours

**Onboard diagnostics to monitor:** Solar, battery, and load

**Reliability:** 10+ days without sunlight

**Solar:** (1) 120 watt solar panel

**Regulator:** 30 amp regulator with low voltage & high voltage disconnect.

### Controller

**Preprogrammed Messages:** 260 also includes arrow and MUTCD symbols

**User programmable:** 100

**Message Timing:** Slow, medium, fast

**Dimming:** Auto or Manual

**Protection:** Password

**Quick Message Selection:** Thumbwheel to quickly select between 16 user programmable messages.

**Controller Display:** LCD

**Data Entry:** Mini Keyboard

**Memory:** Non volatile

**\*Pre-wired to accommodate radar, cell modem, and PC**

**\*\*"Auto Resume" after power failure**