

Changeable Message Display Trailer Mounted

"GET THE MESSAGE ACROSS"

MODEL LCMB3L

FEATURES

- Quick Message Selection
- Solar Rotate and Tilt
- Removable Tongue
- Lockable Cabinets
- Password Protection
- Powder Coat Paint
- Tongue Jack (with wheel)
- 1/8" Lexan Face
- NTCIP Controller Standard
- Independent Module Operation
- Photocell for Auto dimming
- RF Immunity
- Super Bright LED Technology



Quick Selection Switch



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

Standard Solar Feature

The Solar **rotate and tilt feature** increases energy output 3 to 1 - compared to traditional flat solar panels.

Rotate 360 degrees independent of sign.

Able to tilt at a 45 degree angle.



General Specifications for Model LCMB3L

Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 18" high text, all LED display, self contained on-board computer, powder coat paint system. Display is 131" x 76", with hydraulic style trailer. Supports up to 215 predefined messages (text). Supports storage of up to 100 changeable messages. System comes standard with eight-(8) 6-volt batteries (totaling 900 12V amps) and 220 watts of solar. NTCIP Compliant.

Trailer

Width: 79"

Length with tongue: 174"

Length without tongue: 128"

Transport Height: 124"

Salt Spray: 1,000 hours

Paint: Powder Coat

Main frame: 3"x5"x1/8"

Front/Rear Cross members: 3"x3"x1/8"

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: 21x40 Pixel Arrangement

LED Module: Each is 5x7 matrix

LED's Per Pixel: 4

LED Type: Agilent amber 592NM

Viewing Angle: 30 degrees

Visibility: 4800 feet

Hours: 100,000 hour LED

Lines: Display 3 lines of text

Characters per line: 8 (12 characters optional)

Character Height: 18"

***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: 131" **Width:** 76" **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: Electro-hydraulic

Secondary raise and lowering: Manual hand pump

Power and Charging

Batteries: (6) 6 volt 225 amp batteries

Battery Charger: 110 Volt, 1000 watt, 60amp

Recharge: 24 hours

Onboard diagnostics to monitor: Solar, battery, and load

Solar: (2) 110 watt Solar panels

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

Controller

Preprogrammed Messages: 215

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**