



PORTABLE CHANGEABLE MESSAGE BOARD

MODEL #SLI-2140-PORTABLE

FEATURES

- Maintenance-Free Batteries
- Sealed Battery Box
- Single 140 Watt Solar Panel
- Meets MUTCD Standards
- Auto Dimming
- Super Bright LED Technology
- 360° Rotation
- Powder-coated Trailer
- (4) Adjustable Corner Jacks and (1) Tongue Jack
- Sleek Frame Design

The SLI-2140-PORTABLE Full Matrix Message Board provides messaging functionality to display predefined and custom messages in three or four lines of alphanumeric text and MUTCD graphics/animations via an on-board controller. Our LED display measures 82" x 49" and is mounted on a powder-coated hydraulic trailer.



Onboard Controller



TRAILER

Width: 68" fender to fender

Length with tongue: 148"

Length without tongue: 99"

Transport Height: 97"

Operating Height: 167"

Salt Spray: 1,000 hours

Paint: Powder Coat

Main frame: 2"x5"x1/8"

Front/Rear Cross members: 2"x3"x1/8"

Wheels: 15"

Axle: 3500 lbs double leaf spring

Fenders: High-density polyethylene

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

Tongue and Safety Chains: 2" ball hitch; 1/4" safety chains with hooks

SIGN DISPLAY

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: Up to 1 mile

Hours: 100,000 hour LED

Lines: Displays 3 lines of text and graphics

Characters per line: 8 characters (12 optional)

Character Height: 10"

**If one module fails, remainder of board is unaffected*

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: Electro-hydraulic

Secondary raise and lowering: Manual hand pump

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POWER AND CHARGING

Batteries: (4) 12 volt batteries for combined 400 amps

Battery Charger: 10 volt, 1000 watt, 60 amp

Recharge: 24 hours

Onboard diagnostics to monitor: Solar, battery, and load

Solar: (1) 140 watt solar panel

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

CONTROLLER

Preprogrammed Messages: 260 including arrows 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.

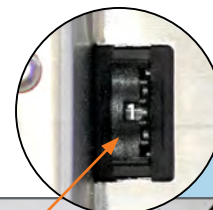
Controller Display: LCD

Data Entry: Mini Keyboard

Memory: Non volatile

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

***"Auto Resume" after power failure*



Solar Lighting International's **Quick Message Selection Thumb wheel** switches between the first 16 user defined messages. Roll the thumb wheel to desired message number to display the desired message.

OPTIONS

- Locking lug nuts
- Radar
- Pintle ring or bulldog hitch
- Electric or hydraulic brakes
- Custom Paint
- Outrigger Stability Supports



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