

## Changeable Message Display Trailer Mounted

*"GET THE MESSAGE ACROSS"*

MODEL MB3LWT

### FEATURES

- Quick Message Selection
- 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



Shown with Optional  
Solar tilt and rotate

### Quick Selection Switch



With K&K Systems' **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.

### Optional 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 MB3LWT

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 winch style trailer. Supports up to 215 predefined messages (text). Supports storage of up to 100 changeable messages. System comes standard with six-(6) 6-volt batteries (totaling 675 amps) and 220 watts of solar. NTCIP Compliant.

### Trailer

**Width:** 79"

**Length with tongue:** 174<sup>3/4</sup>"

**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:** Winch

### Power and Charging

**Batteries:** (6) 6 volt 675 combined 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**