



**K&K Systems, inc.**  
Traffic Safety Products Manufacturer

# WIRELESS CHANGABLE MESSAGE BOARD

## MODEL #MB3L

The all new Wireless 3-Line Message Board using K&K Systems' proprietary communication system, the CrossTalk® Message Controller, provides messaging functionality from virtually anywhere. Display predefined and custom messages in three lines of 18" high alphanumeric text via user-friendly, web-based software. Our all LED display measures 129" x 74" and is mounted on a powder coat painted hydraulic style trailer.

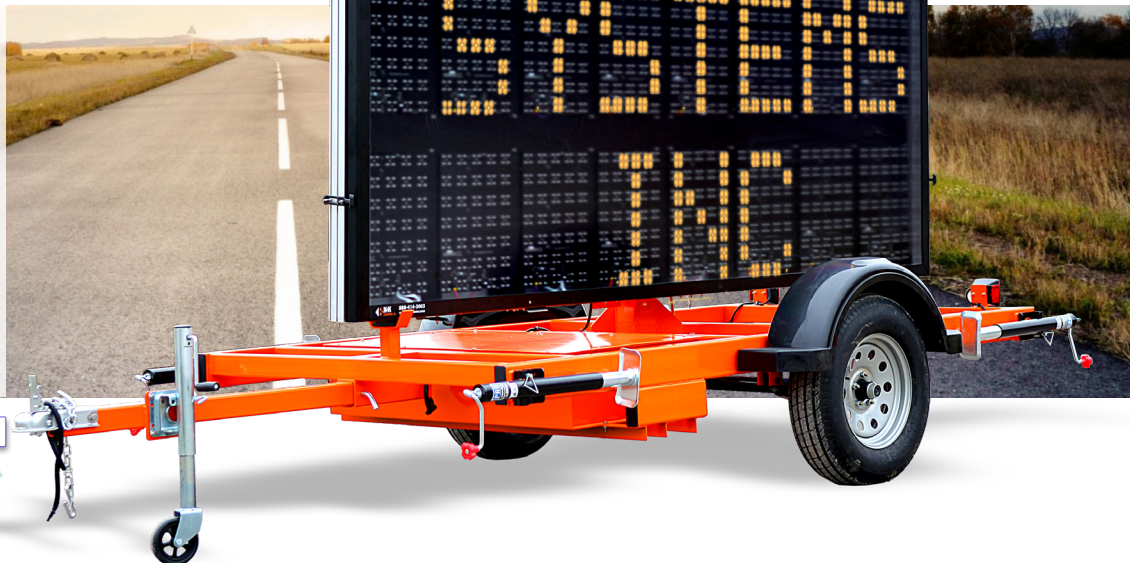
## FEATURES

- ▶ Wireless Operation
- ▶ Super Bright LED Technology
- ▶ Front door access to internal parts
- ▶ Long Lasting Maintenance Free Batteries
- ▶ Sealed Battery Box
- ▶ Single 140 Watt Solar Panel
- ▶ Meets MUTCD standards
- ▶ Auto Dimming
- ▶ 360° of Rotation
- ▶ Durable Powder Coat
- ▶ (4) Adjustable Corner Jacks and (1) Tongue Jack
- ▶ Sleek Frame Design



## WIRELESS PROGRAMMING

With K&K Systems' web-based technology, easily change messages remotely from anywhere with internet access. Compatible with Android and IOS devices.



# MODEL #MB3L

## WIRELESS MESSAGE BOARD

### TRAILER MOUNT SERIES

#### TRAILER

**Width:** 82" fender to fender  
**Length with tongue:** 172"  
**Length without tongue:** 120"  
**Transport Height:** 112.5"  
**Operating Height:** 167"  
**Salt Spray:** 1,000 hours  
**Paint:** Powder Coat  
**Main frame:** 2"x 5"x 1/8"  
**Front/Rear Cross members:** 2"x 3"x 1/8"  
**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  
**Characters per line:** 8 characters  
**Character Height:** 18"  
*\*If one module fails, remainder of board is unaffected*

#### DISPLAY ENCLOSURE

**Construction:** Extruded Aluminum 6063 alloy  
**Length:** 129"  
**Width:** 74"  
**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:** (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:** Low voltage & high voltage disconnects built into CrossTalk

#### CONTROLLER

**Wireless Device:** CrossTalk Controller  
**Online Programming:** Yes  
**Controller Display:** Any internet connected device (computer, tablet, smartphone)  
**Data Entry:** Web-based software  
*\*\*"Auto Resume" after power failure*

#### SOFTWARE

**Website:** [www.kkCrossTalk.com](http://www.kkCrossTalk.com)  
**Preset Messages:** 121 messages and MUTCD arrows  
**User Custom Messages:** Yes  
**Message Timing:** Variable from .5 - 30 seconds  
**Protection:** Password  
**Memory:** Non-volatile

#### OPTIONS

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

Program messages on the go with any internet connected device

Recessed mast/display mount allows for a secure and lower ride height while traveling.

Heavy-duty aluminum control cabinet with weather sealed door is durable and spacious.

Rubber blocks support the display for a stable and cushioned ride while traveling.



The CrossTalk®, K&K's proprietary communication system, provides secure wireless functionality via cloud-based software.



Robust aluminum composite slat stabilizes LED panels.



Gear style braking system secures the display angle.

