



K&K Systems, inc.
Traffic Safety Products Manufacturer

WIRELESS CHANGEABLE MESSAGE SIGN

MODEL # MB14281

Our Full Matrix Message Sign now has wireless messaging functionality from virtually anywhere using K&K Systems' proprietary communication system, the CrossTalk® Message Controller. Using the CrossTalk user-friendly web-based software you can program three lines alphanumeric text and MUTCD graphics. Choose from predefined messages and graphics/animations or create a custom message to display.



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 #MB14281

WIRELESS MESSAGE SIGN TRAILER MOUNT SERIES

TRAILER

Width: 82" fender to fender
Length with tongue: 172"
Length without tongue: 120"
Transport Height: 110"
Operating Height: 170"
Salt Spray: 1,000 hours
Paint: Powder Coated
Main frame: 2"x5"x1/8"
Front/Rear Cross members: 2"x3"x1/8"
Wheels: 15"
Gross Weight: 1655 lbs
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: 27x48 Pixel Arrangement
LED Module: Each is 6x9 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 in regular. In short font 4 lines.
Characters per line: 8 characters in regular font. 6 character in bold font.
Character Height: 18" standard
**If one module fails, remainder of sign is unaffected*

DISPLAY ENCLOSURE

Construction: Extruded Aluminum 6063 alloy
Panel Size: 81"x6"x142"
Paint: Powder coated
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) 12 volt batteries for combined 660 amps
Battery Charger: 12 volt, 1000 watt, 60 amp
Recharge: 24 hours
On-Board 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*
Control Cabinet: Weatherproof aluminum construction

SOFTWARE

Website: www.kkCrossTalk.com
Preset Messages: 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



K&K's proprietary communication system, the CrossTalk® provides wireless functionality is located in the control cabinet on the rear of the display panel.



Shown with On-Board Tablet
with Bluetooth Application