



K&K Systems, inc.
Traffic Safety Products Manufacturer

MB9757WT PORTABLE CHANGEABLE MESSAGE SIGN

The solar powered MB9757WT Portable Changeable Message Sign is capable of three lines of alphanumeric 12" high text and graphics/animations. The display is powder coated matte black to reduce glare and is protected by a Lexan face. The all LED 97" x 57" display is self-contained and programmed with an NTCIP compliant on-board keyboard that supports custom and predefined messages in text and graphics. The winch style trailer that has a powder coat finish for durability.

FEATURES

- ▶ Graphic Capability
- ▶ Compact Trailer Design
- ▶ Quick Message Selection
- ▶ Removable Tongue
- ▶ Lockable Cabinets
- ▶ Password Protection
- ▶ Powder Coat Paint
- ▶ (4) Adjustable Corner Jacks
- ▶ (1) Tongue Jack
- ▶ NTCIP Controller Standard
- ▶ Independent Module Operation
- ▶ Photocell for Auto dimming
- ▶ RF Immunity



On-board Controller

MODEL #MB9757WT

PORTABLE MESSAGE SIGN TRAILER MOUNT SERIES

TRAILER

Width: 68" fender to fender
Length with tongue: 148.25"
Length without tongue: 98.5"
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: 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 text and graphics
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: 97"
Width: 57"
Depth: 6"
Paint: Powder coat
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 675 amps
Battery Charger: 10 Volt, 1000 watt, 60 amp
Recharge: 24 hours
On-board diagnostics to monitor: Solar, battery, and load
Solar: (1) 140 watt solar panels
Regulator: Low voltage & high voltage disconnects built into CrossTalk

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

OPTIONS

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



K&K Systems' **Quick Message Selection Thumbwheel** switches between the first 16 user defined messages. Roll the thumbwheel to desired message number to display a message.



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