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Web: www.xwalk.com



Traffic Safety Corporation
2708 47th Ave.
Sacramento, CA 95822-3806
U.S.A.

Changeable Message Display Trailer Mounted

"GET THE MESSAGE ACROSS"

MODEL MB8249WF

FEATURES

- Graphic Capability
- Compact Trailer Design
- Quick Message Selection
- Solar Powered
- Removable Tongue
- Lockable Cabinets
- Password Protection
- Powder Coat Paint
- Tongue Jack (with wheel)
- NTCIP Controller Standard
- Independent Module Operation
- Photocell for Auto dimming
- RF Immunity

GRAPHIC CAPABILITY

- MUTCD Symbols
- Arrow Board Patterns



QUICK SELECTION SWITCH

With our **Quick Message Selection Switch** you can switch between the first 16 user defined messages that you create. This will allow for field workers to have no experience in programming - just turn the thumbwheel to desired message number.



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General Specifications for Model MB8249WF

Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, and display is 82" x 49", with winch style trailer. Supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with four-(4) 6-volt batteries and 120 watts of solar. NTCIP Compliant.

Trailer

Width: 68-1/2"
Length with tongue: 104-3/4"
Length without tongue: 55"
Transport Height: 86"
Salt Spray: 1,000 hours
Paint: Powder Coat
Main frame: 2"x2" 1/8" tubular steel
Front/Rear Cross members: 2"x2" 1/8" tubular steel
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: 27x48 Pixel Arrangement
LED Module: Each is 6x9 matrix
LED's Per Pixel: 3
LED Type: Agilent amber 592NM
Viewing Angle: 30 degrees
Hours: 100,000 hour LED
Lines: Displays 3 lines of text and also displays **Graphics**
Characters per line: 8 (12 characters optional)
Character Height: 10"
***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: 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: Manual winch

Power and Charging

Batteries: (4) 6 volt 225 amp batteries
Battery Charger: 110 Volt, 1000 watt, 60amp
Recharge: 24 hours
Onboard diagnostics to monitor: Solar, battery, and load
Reliability: 10+ days without sunlight
Solar: (1) 120 watt solar panel
Regulator: 30 amp regulator with low voltage & high voltage disconnect.

Controller

Preprogrammed Messages: 260 also includes arrow 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**