



Silent Messenger 3 Line 8 Character Message Board Option

USES AND ADVANTAGES

For budget sensitive customers who do not require a full matrix board, SolarTech offers an affordable alternative: you can opt to have our Full Size MB configured as a 3-Line 8-Character Board. This board can be further customized to match your exact requirements.

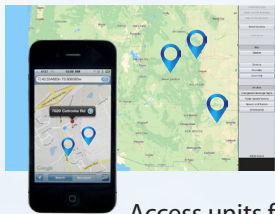
This portable changeable message sign is the same rugged board as our full matrix line - including a sturdy steel trailer, powered by a combination of solar panels and batteries. The sign raises on a lift and rotate mast, and can be aligned for optimal visibility.

The 3-Line 8-Character board option consists of a 126" w x 76" h sign panel with an LED display with 3 rows of 8 modules (each module with a 5 x 7 pixel array).

Available options and upgrades include: Remote access, additional solar panels, battery upgrades, radar, and security options.

OPTIONAL REMOTE CONTROL AND GPS TRACKING

The Remote Access and GPS Tracking Option includes a GPS receiver, cellular transceiver, and **FREE lifetime cellular service**. By adding this option, you can:



Use Command Center software to track your equipment using the built-in cellular transceiver and GPS system.

Access units from a map or list. Control units individually or broadcast to a group.

Manage your fleet from your laptop, PC or smartphone... without leaving your desk!

Build a message library, share messages between boards, schedule messages and more.

Get automatic email notifications when a message changes, if the battery voltage is low, if a pixel fails, or if the unit moves.



EASY-TO-USE CONTROLLER

The touch-screen controller needs no manual - it's that easy to use! Includes:

- Password protection
- Intuitive icons for ease of use
- Scheduling capability
- Fully networkable
- NTCIP version 3 compatible



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DISPLAY

Panel Size	126" x 76" (320 cm x 193 cm)
Panel Construction	All aluminum, modular construction
Panel Face	3/16" polycarbonate, non-glare
Pixel Pitch	2.6" x 2.6" (66 mm x 66 mm)
Characters per Line	Eight (8)
Number of Lines	Three (3)
Number of Fonts	One (1)
Character Height	18" (46 cm)
Graphics Capability	limited to chevrons and arrows per line
Display Technology	LED (amber, 592 nm)
Display Brightness	>10,000 candela per square meter
Viewing Angle	>30°
Display Life Expectancy	10 years typical
Lifting Mechanism	2,000 lb. capacity electro-hydraulic

TRAILER

Length Overall	180" (457 cm)
Width Overall.....	92" (234 cm)
Height Traveling	103" (262 cm)
Height Operating	162" (412 cm)
Ground Clearance	13" (33 cm) minimum
Weight (minimum)	2,400 lbs. (1,089 kg)
Weight (maximum)	2,960 lbs. (1,343 kg)
Coupler (Class III)	2" (50 mm) ball or 3" (76 mm) pintle ring
Axle/Suspension	Torq flex independent

MEGA-TECH CONTROL CONSOLE

Console Circuitry	Ultra-low power solid state
Console Touchscreen	Weather-resistant, backlit, full-color GUI, intuitive icon-driven, multi-lingual
Programming Software	Proprietary (field upgradable)
Message Capacity	Pre-programmed and user-defined (> 250 each)
Message Display Time	User-selectable (0.1 to 99 seconds)
Display Update Time	Instantaneous
Non-Volatile Memory	16 GB Micro SD card
Password Protection	User-selectable, multi-level
Operator Interface	Easy-to-use icons (no manual required)
Connectivity	Supports NTCIP version 3 via UDP/IP over Ethernet, and PMPP over RS-232.

ENERGY SOURCE

Operating Voltage	12 Volts DC (nominal)
Battery Type	6 Volt heavy duty, deep cycle (GC-2)
Number of Batteries	Four (4) standard lead acid (flooded)
Battery Bank Capacity	520 amp hours
Battery Status Indicator	Displays battery voltage, charging activity and low battery condition
Solar Array Construction	Top-mounted solar panels in aluminum frame
Solar Array Power Output	Standard 160 watt (nominal)
Solar Charge Controller	Automatic, temperature compensated, MPPT (Maximum Power Point Tracking)



UPGRADES and OPTIONS

REMOTE COMMUNICATIONS*

Includes GPS receiver, cellular transceiver, and FREE lifetime cellular service. With this feature you can:

- LOCATE your board via Command Center's maps
- SEE Battery Voltage from your desk
- SEE HISTORY of what was displayed and when

SOLAR ARRAY UPGRADES

Fixed: • 220 watt • 270 watt • 330 watt • 440 watt • 490 watt
Tilt and Rotate: • 160 watt • 220 watt • 330 watt • 440 watt

BATTERY UPGRADES

Type	Number	Capacity
Lead-Acid (flooded)	Six (6)	780 amp hour
	Eight (8)	1040 amp hour
	Ten (10)	1300 amp hour
	Twelve (12)	1560 amp hour
Gel Cell or AGM (maintenance-free)	Four (4)	520 amp hour
	Six (6)	780 amp hour
	Eight (8)	1040 amp hour
	Ten (10)	1300 amp hour
	Twelve (12)	1560 amp hour

BATTERY CHARGER UPGRADE

- 45 amp, 120 volt AC
- 55 amp, 120 volt AC
- 90 amp, 120 volt AC

BRAKES

- Hydraulic Surge Brakes (5,000 lb. Capacity)
- Electric Brakes

BATTERY SECURITY OPTION

- Anti-theft steel frame bolted to trailer
- Vandal-Proof Battery Box reinforced steel cage

RADAR OPTIONS

- Directional doppler K-Band. User-configurable KPH or MPH. Data Collection and Statistical Analysis Package included.



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