



As Reliable as the Sun

USES AND ADVANTAGES

This "Silent Messenger IV" is a small-sized message board, sized right for residential areas, for city or county roads, or anywhere a smaller footprint is preferred. Available in 3 panel sizes and a variety of matrices, this message board is powered by a combination of solar panels and batteries.

Radar can be easily added to communicate a simple message plus vehicle speed to calm traffic.

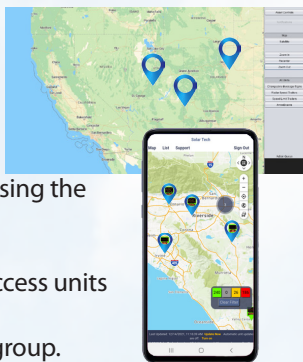
OPTIONAL REMOTE COMMUNICATIONS AND GPS TRACKING!

Looking to communicate with your Message Board remotely? With this option, the unit comes with a GPS receiver, cellular transceiver, and **FREE lifetime cellular service***. Use with SolarTech's Command Center software, which allows you to track your equipment using the built-in cellular transceiver and GPS system.

Manage your fleet from your laptop, PC or smartphone... without leaving your desk! Access units from a map or list.

Control units individually or broadcast to a group. You can 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 the unit moves.

No more misplaced equipment... fewer problems... less downtime!



PANEL SIZES

60" wide x 30" high

78" wide x 30" high

78" wide x 33" high

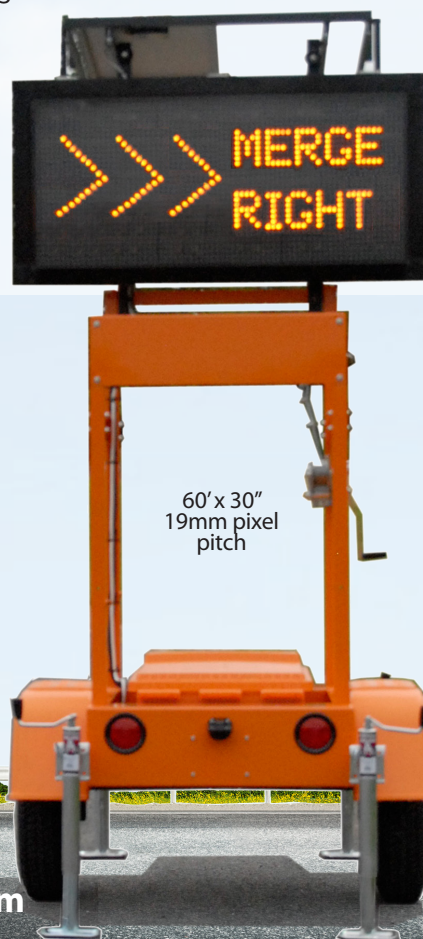
Silent Messenger IV Message Board Small-Sized



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



60' x 30"
19mm pixel
pitch



60' x 30"
38mm pixel
pitch

Silent Messenger IV Message Board

DISPLAY PANEL

Panel Size	60" wide x 30" high (152 cm x 76 cm)
	78" wide x 30" high (198 cm x 76 cm)
	78" high x 33" wide (198 cm x 84 cm)
Panel Construction	All aluminum, modular construction
Pixel Size	1.5" x 1.5" (38 mm x 38 mm)
	0.75" x 0.75" (19 mm x 19 mm)
Number of Fonts	Twelve (12)
Character Height	7.5" to 30" (19 cm to 76 cm) - 38 mm
	3.75" to 30" (10 cm to 76 cm) - 19 mm
Graphics Capability	Full matrix with animation
Display Technology	LED (amber, 592 nm)
Display Life Expectancy	10 years typical
Lifting Mechanism	1,000 lb. capacity winch & cable
Viewing Angle	>60°
Sign Panel Height (Operating) ...	7 feet (214 cm) to bottom of sign panel

TRAILER

Length Overall	117" (298 cm) - towing / 75" (191 cm) - deployed/stored
Width Overall	60" (152 cm) or 78" (198 cm)
Width Across Fenders	56" (142 cm)
Height Traveling	90" (229 cm)
Height Operating	129" (328 cm)
Ground Clearance	13" (33 cm)
Weight	1,200 lbs. (544 kg) approx. (maximum)
Coupler (Class III)	2" (50 mm) ball or 2-1/2" (64 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: five international languages
Programming Software	Proprietary, field upgradable (for units not connected to Command Center)
Message Capacity	Pre-programmed and user-programmed: > 250 each
Time-Date Control	Real-time clock/calendar (365 day)
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	Networkable (wired or wireless) and NTCIP compatible (Ethernet & 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 full-charge, normal 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)



SCAN ME



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P/N 500-010-040 Rev. L 2022



OPTIONS AND UPGRADES

SOLAR ARRAY OPTION

• 220 watt • 270 watt • 330 watt

REMOTE COMMUNICATIONS

Includes GPS receiver, cellular transceiver, and FREE cellular service*. Remotely access and track your Message Board.

* With this option, cellular service is provided free of charge, and is limited to carrier supported generational wireless technology.

BATTERY UPGRADES

Type	Number	Capacity
Gel Cell or AGM	Four (4)	520 amp hour (maintenance-free)

BATTERY CHARGER UPGRADES

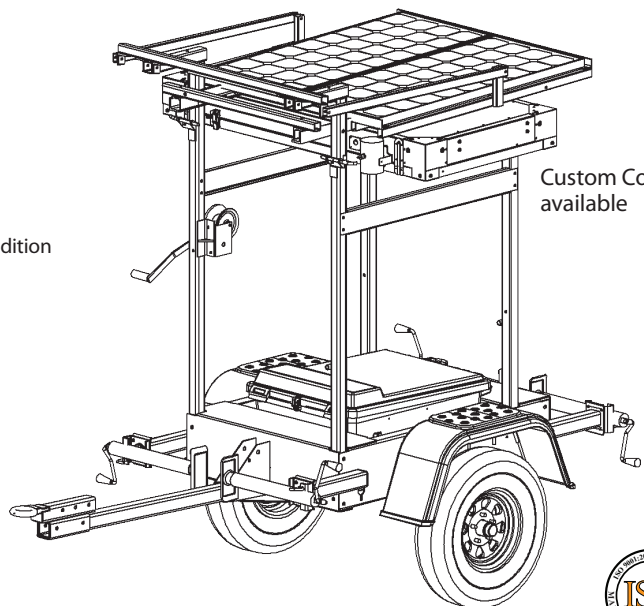
• 45 amp, 120 volt AC • 55 amp, 120 volt AC

BATTERY SECURITY OPTIONS

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

RADAR OPTIONS

Directional doppler K-Band, user-configured KPH or MPH
Data collection and statistical analysis package included.



Custom Colors
available



Made in the USA

www.solartechnology.com