

Silent Messenger

PRODUCT GUIDE

3 Line 8 Character Message Board

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 display.

This portable changeable message sign includes a sturdy steel trailer, and is 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 3 rows of 8 modules (each module with a 5 x 7 pixel array of LED's).

OPTIONAL REMOTE COMMUNICATIONS*

The upgrade includes a GPS receiver, cellular transceiver, **FREE lifetime cellular service***, and access to Command Center.

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

Control units individually or broadcast to a group.

Access units from a map or list.

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

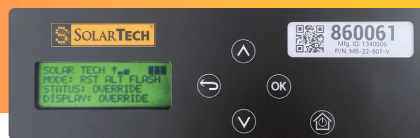
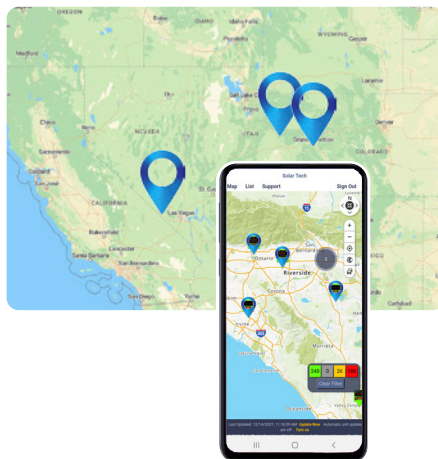
Set up automatic email notifications when a message changes, if the battery voltage is low, if a pixel fails, or if the unit moves.

View battery analytics and the history of displayed messages.



EASY-TO-USE MICROTECH CONTROLLER

- » Touchpad Interface
- » Easy to manage menu: Pre-loaded messages
- » USB Plug-in silicone keyboard
- » Password Protection: 4 digit pin passcode to access all functions
- » Fully networkable
- » NTCIP version 3 compatible
- » No Manual required - they are that easy to use!



Available options and upgrades include:

- ✓ Remote access
- ✓ Additional solar panels
- ✓ Battery upgrades
- ✓ Radar, and security options

Learn more at www.solartechtechnology.com



SOLARTECH®

AS RELIABLE AS THE SUN

Silent Messenger

Silent Messenger

3 Line 8 Character Message Board

Display Panel

Panel Size126" x 76" (320 cm x 193 cm)
 Panel Construction.....All aluminum, modular construction
 Panel Face3/16" polycarbonate, non-glare
 Pixel Pitch2.6" x 2.6" (66 mm x 66 mm)
 Characters per Line.....Eight (8)
 Number of Lines.....Three (3)
 Number of FontsOne (1)
 Character Height.....18" (46 cm)
 Graphics Capability.....Limited (Chevrons and Arrows)
 Display TechnologyLED (amber, 592 nm)
 Display Brightness.....>10,000 candela per square meter
 Viewing Angle.....>60°
 Display Life Expectancy.....10 years typical

Trailer

Length Overall186" (472 cm)
 Width Overall.....92" (234 cm)
 Height Traveling.....108" (274 cm)
 Height Operating164" (417 cm)
 Ground Clearance13" (33 cm) minimum
 Weight (minimum)2,900 lbs. (1,315 kg)
 Weight (maximum).....3,500 lbs. (1,588 kg)
 Coupler (Class III)2" (50 mm) ball or 3" (76 mm) pintle ring
 Axle/SuspensionTorq flex independent

MicroTech Control Console

Console CircuitryUltra-low power solid state
 Console TouchpadWeather-resistant, backlit, five-button touchpad
 Programming SoftwareProprietary, with automatic remotely managed
 updtades (field upgradable for units not
 connected to Command Center)
 Message Display Time.....User-selectable (0.1 to 99 seconds)
 Display Update Time.....Instantaneous (nearly)
 Non-volatile Memory.....16 GB Micro SD card
 Password Protection.....User selectable, all level access
 Operator Interface.....Easy-to-navigate menus(no manual necessary)
 Connectivity.....Supports NTCIP version 3 via UDP/IP over
 Ethernet, and PMPP over RS-232; Units with
 Remote Communications Options: UDP/IP over
 the built-in cellular modem

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 IndicatorDisplays battery voltage, charging
 activity and low battery condition
 Solar ConstructionTop-mounted solar panels in aluminum
 frame
 Solar Power Output.....Standard 160 watt (nominal)
 Solar Charge ControllerAutomatic, temperature compensated,
 MPPT (Maximum Power Point Tracking)



SCAN ME



OPTIONS AND UPGRADES

MegaTech Contoller Option

- » Touchscreen Controller
- » Simple on page user interface
- » Password protection: Ability to assign up to 50 passwords with levels of access



Solar Array Upgrades

- » 220 watt
- » With MegaTech Controller Upgrade: 270, 330, 440, 490 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
- » 100 amp, 120 volt AC

Brakes

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

Battery Security Option

- » Anti-theft steel battery frame bolted to trailer
- » Vandal-proof battery box with reinforced steel cage

Radar Options

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

Learn more at www.solartechology.com



**Solar
Technology, Inc.**

7620 Cetronia Road
Allentown, PA 18106

(800) 475-5442
www.solartechology.com

REV 202607