

Silent Messenger IV

Message Board

DISPLAY PANEL

PANEL SIZE	MATRIX SIZE	PIXEL SIZE	MAX. CHARACTERS PER LINE
60" wide x 30" high (152 cm x 76 cm)	16 x 36 pixels	38 mm	9 characters per line
	32 x 72 pixels	19 mm	18 characters per line
78" wide x 30" high (198 cm x 76 cm)	16 x 48 pixels	38 mm	12 characters per line
	32 x 96 pixels	19 mm	24 characters per line
78" wide x 33" high (198 cm x 84 cm)	18 x 48 pixels	38 mm	12 characters per line

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 Lines	Up to: 2 for 38 mm or 4 for 19 mm
Number of Fonts	Twelve (12)
Character Height	7.5" to 24" (19 cm to 76 cm) - 38 mm 3.75" to 24" (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	>30°
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	1,100 lbs. (500 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	Waterproof, backlit, full-color GUI, intuitive icon-driven, multi-lingual: five international languages
Programming Software	Proprietary, field upgradable
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	4 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	Two (2) w/Auxiliary Battery Pack..... Four (4)
Battery Bank Capacity	260 amp hrs w/Auxiliary Battery Pack 520 amp hours
Battery Status Indicator	Displays full-charge, normal and, low battery condition
Battery Security	Anti-theft steel battery frame bolted to trailer
Solar Array Construction	Top-mounted solar panels in aluminum frame
Solar Array Power Output	Standard - 80 watt (nominal)
with upgrade	160 watt (nominal)
Solar Charge Controller	Automatic, temperature compensated
Auxiliary Automatic Battery Charger	45 Amp, 120 volt AC line-powered



OPTIONS AND UPGRADES

SOLAR ARRAY OPTION

- 160 watt

BATTERY UPGRADES

Type	Number	Capacity
Lead-Acid flooded	Four (4)	520 amp hour
Gel Cell or AGM	Two (2)	260 amp hour
(maintenance free)	Four (4)	520 amp hour

BATTERY CHARGER UPGRADES

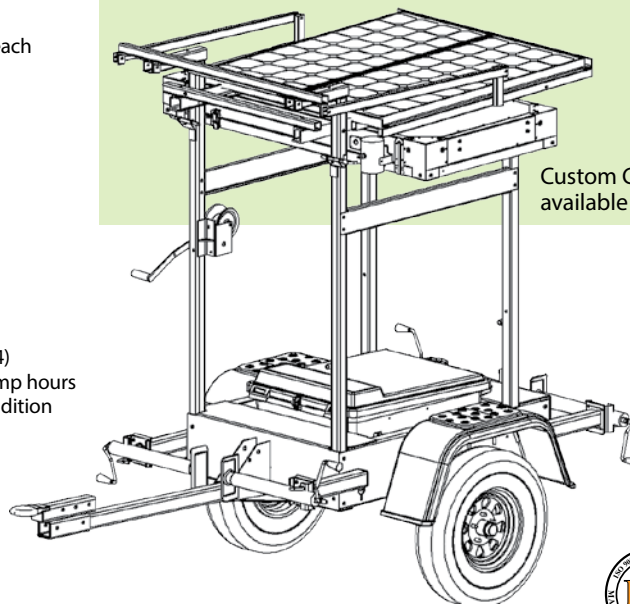
- 90 amp - 120 volt AC

SECURITY OPTION

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



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