

Silent Messenger

Double-Sided Message Board

DISPLAY PANEL	MB-122-3048 Lift & Rotate	MB-222-3048
Panel Size	92" x 54" or 78" x 46"	92" x 54" or 78" x 46"
Panel Construction	All aluminum, modular construction	
Matrix Size	27 x 48 pixels	27 x 48 pixels
Pixel Pitch	1.77" (45 mm) or 1.5" (38 mm)	
Characters per Line	Up to twelve (12)	Up to twelve (12)
Number of Lines	Up to four (4)	Up to four (4)
Number of Fonts	Twelve (12)	Twelve (12)
Character Height	9" to 46" or 7.5" to 39"	9" to 46" or 7.5" to 39"
Graphics Capability	Full matrix with full animation	
Display Technology	LED (amber, 592 nm)	
Display Brightness	>10,000 cd/m2 (candela per sq. meter)	
Display Life Expectancy	10 years	
Lifting Mechanism	2,000 lb. capacity electro-hydraulic	n/a
Sign Panel Rotation	> 360 degrees	n/a
Sign Panel Height Operating..	162" (412 cm)	34" (86 cm)
Sign Panel Angle	Approx. 45 degrees	Approx. 15 degrees

TRAILER	MB-122-3048 L&R	MB-222-3048
Length Overall	180" (457 cm)	134" (341 cm)
Width Overall	92" (234 cm)	75" (191 cm)
Width Across Fenders	92" (234 cm)	75" (191 cm)
Height Traveling	103" (262 cm)	90" (229 cm)
Height Operating	162" (412 cm)	90" (299 cm)
Ground Clearance	13" (33 cm)	13" (33 cm)
Weight	2,700 lbs (max) (1,225 kg) approx.	2,550 lbs (max) (1,361 kg) approx.
Coupler (Class III)	2" (50 mm) ball or 3" (76 mm) pintle ring	2" (50 mm) ball or 2.5" (64 mm) pintle ring
Brake Actuator	5,000 lb. reverse surge	optional
Axle/Suspension	Torq flex, independent	Torq flex, independent

ENERGY SOURCE	MB-122-3048 L&R	MB-222-3048
Operating Voltage	12 volts DC (nominal)	12 volts DC (nominal)
Battery Type	6 volt heavy duty, deep cycle (GC-2)	
Number of Batteries	Twelve (12)	Eight (8)
Battery Bank Capacity	1,560 amp hours	1,040 amp hours
Battery Status Indicator	Displays battery voltage, charging activity, 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	320 watts (nominal)	320 watts (nominal)
Solar Charge Controller	Automatic, temperature compensated	
Auxiliary Battery Charger	45 Amp, 120 volt AC line powered	

MEGA-TECH CONTROL CONSOLE

Console Circuitry	Ultra-low-power solid state
Console Touchscreen	Waterproof, backlit, full color GUI, intuitive icon-driven, multi-lingual
Programming Software	Proprietary, field upgradable
Message Capacity	Pre-programmed and user programmed - greater than 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
Password Protection	User-selectable, multi-level
Operator Interface	Easy-to-use icons - no instruction manual needed
Remote Control	Embedded cellular transceiver with free cellular service and fleet management software included
Connectivity	Network (wired or wireless), NTCIP compatible
GPS	Integrated GPS receiver



Available in Custom Colors

Model 122-3048

OPTIONS AND UPGRADES

SECOND CONTROLLER

Enables independent messages on each sign

BATTERY UPGRADES

- Model 222: Eight (8) maintenance free (gel-cell or AGM) 1,040 AH capacity
- Model 122: Twelve (12) maintenance free (gel-cell or AGM) - 1,560 AH capacity

BATTERY CHARGER UPGRADE

- 90 amp - 120 volt AC

BRAKES

- Electric Brakes

SECURITY OPTION

- 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.



P/N 500-022-010 Rev. E 2017



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Made in the USA

Rev. F 2017

P/N 500-027-224