



Mini Matrix Message Sign

WVTM

**The industry leader.**

The Wanco Mini Matrix Message Sign is a compact version of our full-size variable message signs. Like our full-size signs, the Mini displays a full-matrix of bright, highly visible LEDs. About 30% smaller, the Mini trailer is highly maneuverable and easy to deploy. Use the full-matrix display to present message text and symbols in almost any application — for traffic safety, emergency response, and special events.

Features

Setup

- Under 2000 pounds, can be towed by most vehicles
- Standard 2-inch ball coupler tow-hitch
- Heavy-duty hand-winch allows one person to easily raise and lower the message board
- Tower rotates 360 degrees for optimal positioning
- Single disk brake holds board in place during operation, while a cradle supports and holds board in travel position

Operation

- Self-contained onboard computer, no laptop required
- Easiest programming in the industry
- Preprogrammed text messages, symbols and graphics
- Quick-reference instructions silkscreened on control panel
- Easily center each line of text
- Internal clock facilitates built-in schedule programming
- Multiple alphanumeric fonts make message clear and legible
- Optical lenses and sunshades increase visibility and performance
- Multi-level password protection limits access to control software
- Control box can be locked to prevent unauthorized access
- Standard QWERTY keyboard is easily replaced

Power system

- Energy-efficient operation results in long run times
- Solar panels charge batteries automatically without intervention
- Computer shuts down solar-panel charging system when batteries are fully charged, preventing damage
- Unique system allows charging with solar panels and commercial power



- Cooling fans protect sign cabinet and battery charger from overheating
- Battery box can be locked to prevent unauthorized access

Maintenance

- Individual character modules can be replaced easily
- Standard 15-inch trailer tires
- Heavy-duty bolt-on steel fenders can be replaced if damaged
- Durable powder-coat finish resists the elements

Standards compliance

- NTCIP compliant
- AASHTO (NTPEP) tested

Options[†]**Sign lift**

- Hydraulic lift

Power system

- Choice of battery types and configurations
- Solar panels from 130 to 390 watts

Tow hitch

- Combo-hitch for 2-inch ball and 3-inch pintle hook

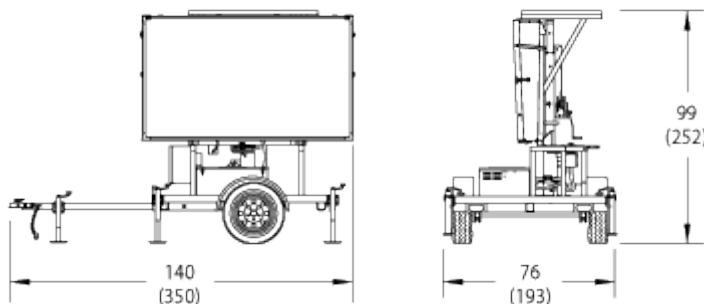
Other options

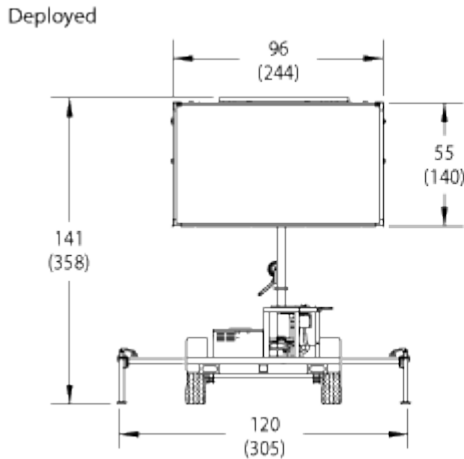
- Extendible outrigger jack stands for added stability
- [IP modem for remote monitoring and message control](#)
- [Radar-speed package for monitoring traffic](#)
- [Traffic data collector](#)
- [Remote-access GPS package for locating message sign](#)

†Some options may not be available for aftermarket installation. Please consult factory.

Specifications[†]**Dimensions — inches (cm)**

Travel Position





Weight

Approx. 1580 lbs. (717 kg)

Construction

Trailer	MIG-welded, 2 x 3-inch steel tubing
Sign cabinet	Aluminum sheet
Coating	Powder-coated and oven-baked
Axle assembly	2000-lb. capacity 5 on 4.5-inch BC idler hub Double eye leaf springs
Tires	ST205/75 D15

Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Smallest characters	4 lines, 14 characters
Largest characters	1 line, 7 characters

Power — standard

Batteries	Four 6 V dc golf cart-type, wired in series and parallel for 12 V dc power supply
Battery capacity	450 Ah total
Battery charger	15 A
Solar panels	85 W

Power — optional

Batteries & solar	Six 6 V dc golf cart-type, wired in series and parallel for 12 V dc power supply, 675 Ah total battery capacity 130 W solar power
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†Specifications subject to change without notice

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