

Variable Message Signs

Full-Matrix and Three-Line



The safest means for notifying motorists of changes in traffic patterns and road conditions.

Unsurpassed quality, engineering and value, paired with a multitude of functions and options, make these signs perfect for a wide variety of applications.

- Onboard controller
- Easiest programming in the industry
- Solar charging
- Low power consumption and more uptime
- Meets MUTCD and is NTCIP-compliant

Wanco full-matrix message signs are an ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message—large or small letters, symbols and graphics.

Wanco three-line message signs are capable of displaying three rows of alphanumeric characters. The three-line's highly legible, ultra-bright LEDs display your message clearly.



Three-Line Sign

WTLMB-SLL(A) Hydraulic lift

WTLMB-SLL(B) Manual winch



Mini Matrix Sign

WVTM(A) Hydraulic lift

WVTM Manual winch

Full-Matrix Sign

(shown on front cover)

WTMMB-SLL(A) Hydraulic lift

WTMMB-SLL(B) Manual winch



Mini Three-Line Sign

WVT3(A) Hydraulic lift

WVT3 Manual winch

Signs are available as trailer-mount models, as well as truck-, pole-, and wall-mount versions. Optional accessories include radar-speed detection and traffic data collection, remote communications, GPS and more. For details, visit www.wanco.com.



Rubber vibration-isolation mounts

Rubber vibration mounts decrease physical shock to the LED character modules and isolate them from chassis ground. This mounting technique prolongs the life of the modules, increasing both reliability and uptime.

The face of the sign cabinet is covered by an impact-resistant clear polycarbonate resin thermoplastic door that further protects the characters. The door is angled to reduce glare.



LED pixels

Characters feature clusters of four LEDs that comprise the “pixels.” An optical lens over each pixel magnifies the intensity of the LEDs and increases angularity. A visor shades each row of pixels from sunlight, maximizing brightness.

All Wanco character boards feature 5-mil silicone conformal coating, to provide long-term protection against moisture and other atmospheric contaminants.

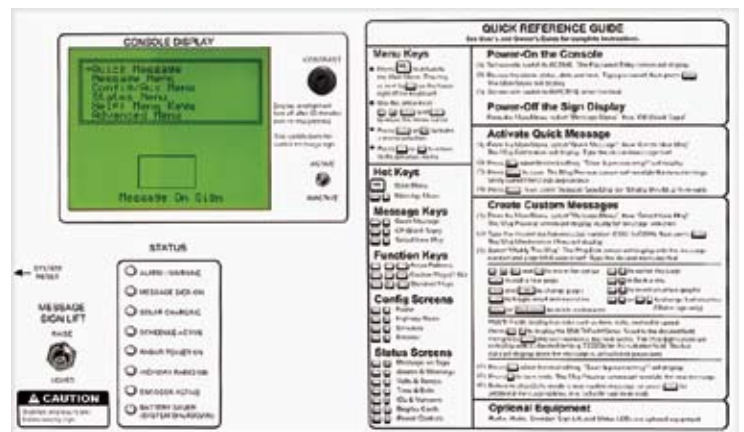


Wanco matrix signs provide a variety of font sizes and styles—many more than are shown here—as well as standard and custom symbols and graphics.

Wanco portable message signs have a self-contained onboard controller, making a laptop or external controller unnecessary.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The control console includes an LCD display and quick-reference instructions for many common commands.

Signs come configured with preprogrammed standard messages. A quick-message function provides for display of select messages with a keystroke. Multiple programming options provide flexibility for multiple applications.



Matrix sign control panel



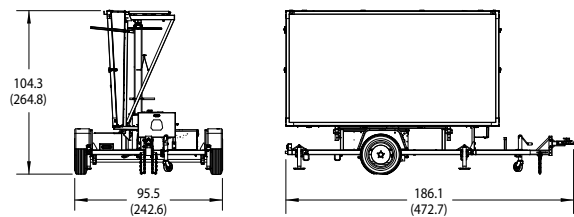
Unauthorized access to the control console is virtually eliminated with multiple-level password-protection, a removeable keyboard, and a locking control box that deters tampering.

Brief specifications

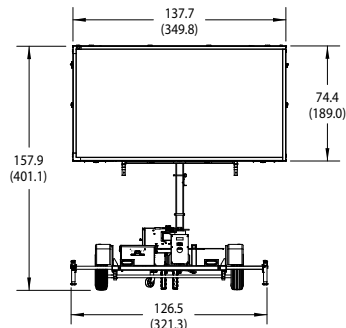
Full-size signs

Physical

Travel Position



Deployed



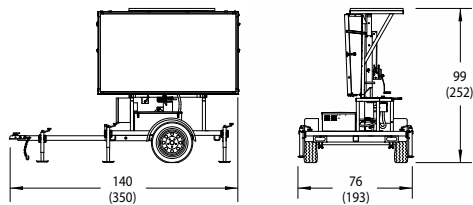
Dimensions in inches (cm)

Weight	Approx. 2640 lbs. (1193 kg)
Tires	ST205/75 D15

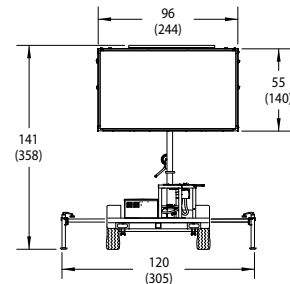
Mini signs

Physical

Travel Position



Deployed



Dimensions in inches (cm)

Weight	Approx. 1580 lbs. (717 kg)
Tires	ST205/75 D15

Matrix Signs

Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Smallest characters	4 lines, up to 12 characters per line
Largest characters	1 line, up to 6 characters

Power

Batteries	Six 6 V dc golf cart-type, wired for 12 V dc power
Battery capacity	675 Ah total
Solar panels ¹	Two 80/85 W
Optional solar panels ²	One 130 W and one 85 W
Optional diesel engine ²	Lombardini 15 LD 350D 7.5 hp (5.5kW) @ 3600 RPM 1.3 qt. (1.2 L) deep oil sump Transparent polyethylene fuel tank, 30-gallon capacity

Three-Line Signs

Display

Resolution	Four amber LEDs form each pixel
Character size	5 pixels wide, 7 pixels high
Characters	3 lines, 8 characters per line

Power

Batteries	Six 6 V dc golf cart-type, wired for 12 V dc power
Battery capacity	675 Ah total
Solar panels	Two 80/85 W

¹ Mini-size signs only.

² Full-size signs only.

Due to Wanco's commitment to continuous improvement of our products, all information is subject to change without notice. Wanco and the Wanco logo are registered trademarks of Wanco Inc. All other trademarks are property of their respective owners.



WANCO INC.
5870 Tennyson Street
Arvada, Colorado 80003
800-972-0755
303-427-5700
303-427-5725 fax
www.wanco.com