EU-Series
Portable Variable Message Signs

Wanco EU-Series Variable Message Signs feature a reliable, highly legible, full-matrix display for providing information to motorists. Designed for international use with a choice of several languages, the environmentally friendly EU-Series is compact, portable and easy to use.
Warn of traffic congestion, accidents, incidents, roadwork zones and more.

- Bright, highly legible full-matrix display
- Messages displayed in local language
- Energy efficient, clean and silent
- Battery powered and solar charging
- Simple to programme
- CE compliant

Wanco portable variable message signs are the ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message—text, symbols and graphics.

EU-Series message signs use state-of-the-art technology to achieve the best visibility and the least power consumption of any portable variable message signs.

Wanco developed the EU-Series specifically for international use. Languages include Arabic, English, Hindi, Polish, Spanish and Russian.
Wanco’s ultra-bright diodes allow the use of just two LEDs per pixel without sacrificing brightness.

The lens-and-visor assembly optically enhances luminosity and angularity. The result is less power consumption, longer battery life and extended run time, while maintaining superior legibility.

Character boards feature 5-mil silicone conformal coating, which provides long-term protection against moisture and other atmospheric contaminants.

**Features**

**Setup**

- Signs weigh less than 750kg and can be towed by most vehicles
- Standard tow hitch for easy transport
- Wheel on tongue-jack for hand positioning
- Hydraulic lift or 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, and a cradle supports and holds board in travel position
- Independent steel controller enclosure and steel battery box limits access and enhances security

**Operation**

- Self-contained onboard controller does not require a laptop or external controller
- Easiest programming in the industry for simple deployment
- Preprogrammed text messages, symbols and graphics
- Quick-reference instructions silkscreened on control panel include most commonly performed tasks
- Languages include Arabic, English, Hindi, Polish, Spanish and Russian
- Internal clock facilitates built-in schedule programming
- Multiple alphanumeric fonts on matrix signs make messages 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, removable keyboard is easily replaced

**Power system**

- Energy-efficient operation results in long run times
- 130-watt solar array charges batteries automatically, without intervention
- Controller shuts down solar-panel charging system when batteries are fully charged, preventing damage
- Unique system allows battery 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
- Vibration isolation mounts protect character boards
- Standard 15-inch tires
- Heavy-duty bolt-on steel fenders can be replaced if damaged
- Durable powder-coat finish resists the elements, is UV-resistant and will not fade
- Welded steel construction reduces maintenance

**Standards compliance**

- CE compliant
**Brief Specifications**

### Physical
- Sign cabinet size: 263 x 150cm, W x H
- Deployed footprint: 350 x 193cm, L x W
- Operating height: 367cm
- Travel height: 259cm
- Weight, approx.: 743kg
- Tires: 15-inch
- Construction: Welded tubular steel frame, Aluminium sheet sign cabinet, Steel bolt-on fenders
- Finish: Oven-baked power coating, standard; galvanized steel, optional

### Display
- Pixel matrix: 72 x 40, W x H
- Message display: From 1 to 4 lines of text, up to 10 characters wide, size range C
- LED display colour: Class C2
- Language options: Arabic, English, Hindi, Polish, Spanish, Russian

### Programming
- Interface: Integrated user interface with LCD and keyboard, same language options as display
- Message memory: User-programmable messages, preprogrammed messages

### Power system
- Power supply: Battery powered with solar charging system
- Environmental impact: No exhaust emissions
- Batteries: 450 AH battery-bank capacity
- Solar: One 130 W, 12Vdc solar panels
- Charging: 45A battery charger, 220 Vac input
- Battery life: Autonomous battery-only operation of 30 days

### EU directives
- CE durability: T2 D2 P2
- Enclosure rating: IP 55

Since 1984, Wanco has been the leader in highway safety and traffic control products in the USA. With the introduction of its EU-Series, Wanco brings its knowledge and innovation to the European market. With a reputation for service and integrity, Wanco products feature superb functionality, unique features, versatility and dependability.

For more information visit [www.wanco.com](http://www.wanco.com) or phone 1 303 427 5700.

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