

LDC - 1508P

LDC - 1508P Variable Message Sign

UNIQUE FEATURES

Low Total Cost of Ownership - The signs are designed for lowest total cost of ownership, no battery liquids to refill or hydraulics to maintain. Signs are constructed from small, inexpensive, easy to replace parts.

Dual Circuit Pixels - Each Pixel is made from 2 circuits providing redundancy. If an LED fails or is damaged, the message remains readable.

Bus Bar Connection System - Internal Wiring is minimised, enhancing reliability and simplifying service procedures. The sign is constructed from individual small LED sections that operate independantly. If one section fails the remainder continue to operate normally.

Small LED Panels - Easier to Service Low Cost Replacement Modules.

Digital Key - Allow Delivery Staff or Traffic Controllers to change messages or turn sign on and off. (low replacement cost if lost or stolen)



Digital Keys



Digital Key Port


 Gold Connections
 No Corrosion

Handheld Controller - Weather Resistant Handheld Controller attaches on a 5 metre cable to allow programming safely away from traffic. Preview Screen on hand control shows a precise representation of what will appear on sign.


 Weatherproof Handheld Controller
 No Laptop Computer Required

Temperature Compensated Battery Charging - Prevents Overcharging and allows 5+ years estimated Battery Life.


 High Quality Gel Batteries
 No Maintenance, Refilling or Liquid Acids

OPTIONS

Radar Speed Detection - Warns drivers of excessive speed, can display speed or warning messages. Enhancing work site safety.

Wireless Modem - Allows for remote and SMS programming, control and status reporting.

STANDARD FEATURES

- Auto Brightness - The sign automatically adjusts the LED brightness to suit ambient light.
- 4 Lines of 10 Characters @ 400mm high (Up to 12 Characters narrow)
- Display Area 2280 mm x 1745 mm
- Enclosure Size 2400mm x 1850mm
- Bottom of display is 2200 mm high when raised
- Solar Powered with Intelligent Charging
- Gel Batteries which require zero maintenance
- No Hydraulics or Actuators to malfunction
- Handheld Controller and Digital Key system (Supplied as Standard)
- Quick, Easy Set Up and Removal
- Removable Drawbar (Optional A Frame)
- Low centre of gravity with in built stabiliser legs
- LED Tail Lights 8-30V (12V or 24V tow vehicle)
- 4.5 mm Polycarbonate Matt Screen
- Trailer has Zinc under Powder Coat for rust prevention
- Uses standard padlocks for all security features
- Sign can be locked in stowed or raised positions
- Locking chains for wheel security
- Two lock positions for battery box security
- GSM or 3G / Next-GTM Wireless Modem, Allows for remote SMS programming, control and status reporting.
- LED's have a 50,000+ hour life expectancy



Matrix Resolution	120*35 (60x35 redundant)
Redundant Pixels	Yes
LED Matrix Pitch	38 mm x 50mm
LEDs per pixel	4 (2 X 2 redundant)
Display Area	2280 x 1745 mm
Enclosure Size	2400 x 1850 mm
Viewing Angle (Horizontal)	30 degrees
4 line character height	400 mm
Characters per line	10
Power Consumption @ 100% brightness, 1296 LED's LIT	75 Watts approximate
Power Efficiency	85% Approximate
Cooling	Passive (solid state)
Moving Parts in sign case	Nil
Raise and lower	Brake winch
Fully raised clearance height	1720mm (Approx.)
Overall height (fully raised)	3620mm (Approx.)
Overall height (stowed)	2430mm (Approx.)
Overall trailer width	1710mm (Approx.)
Overall trailer length	3500mm (Approx.)
Trailer drawbar	Fixed "A" frame or removable
Trailer lighting	8 to 32 volt recessed LED tail lights
Batteries	Four 180AH gel batteries
Solar power regulated	Yes
Photo cells	Two
SMS programming	Yes
Weather resistant handheld controller	Yes
Sign status reporting by SMS	Yes
Message selection in field by digital key	Yes
Digital keys included, per VMS	Two
Radar	Optional
Spare wheel	Optional
Over ride & hand brake	Optional with "A" frame drawbar (non removable)



Side view of 1508P Unit