

PRODUCT INFORMATION: MESSAGE BOARD (MB)



Features Include

Our signs are totally solar powered and provide continuous uninterrupted display. Messages are legible in all conditions from bright sunlight to dense fog. Onboard programmable control console changes messages easily anytime. The sign panel failsafe system automatically detects and corrects errors and faults. The signs are CE certified insuring complete electromagnetic compliance for superb reliability. Remote operation using a modem connection is available.

Message Boards are sturdy secure and weather tight. They have modular construction for easy maintenance and repair. A torsion type axle insures smooth and stable transportation and a polyamide epoxy primer gives excellent rust and corrosion protection. Acrylic urethane finish gives excellent appearance and durability. Radar speed monitor available.

ISO 9001:2000 certified design and manufacturer
CE Certified
Fully Approved to Highways Agency specification TR2516B

Message Panel

Panel size	320cm wide x 193cm high
Panel construction	All aluminium modular construction
Panel Face	3/16" polycarbonate, non glare
Matrix size	27 x 40 pixels
Pixel size	6.6 x 6.6cm
Characters per line	up to twelve
Number of lines	up to four
Number of fonts	seven
Character height	33cm to 132cm

Graphics capability	full matrix with full animation
Display technology	LED (amber 592nm)
Display brightness	greater than 10,000 candela per square metre
Viewing angle	minimum of 23° horizontal
Display life expectancy	10years typical
Lifting mechanism	electro-hydraulic
Sign panel rotation	greater than 360 degrees

Physical Details

Length overall	457cm
Width Overall	234cm
Height travelling	262cm
Height operating	412 cm
Ground clearance	33cm
Weight	1089 kg minimum – 1343 kg maximum
Coupler (class III)	5.1 cm ball, 7.6 cm pintle ring

Mega Touch Control Console

Console circuitry	ultra low powered solid state
Console touchscreen	waterproof, backlit, full colour GUI, intuitive icon driven
Programming software	Multi-lingual,
Message capacity	proprietary, field upgradeable
Time/date control	pre-programmed and user programmed greater than 250 each
Message display time	real time/clock calendar (365 day)
Display update time	user-selectable (0.1-99seconds)
Non-volatile memory	instantaneous
Password protection	separate backup battery
Operator interface	user selectable, multi level
	easy to use icons (no instruction manual required)

Energy Source

Operating voltage	12volts DC (nominal)
Battery type	6 volt heavy duty deep cycle
Number of batteries	4
Battery Bank Capacity	600 amp hours
Battery status Indicator	displays battery voltage, charging activity and low battery condition
Solar Array Construction	top mounted solar panels in aluminium frame
Solar Array power output	standard 150w (nominal) 170 w peak
Solar charge controller	Automatic temperature compensated
Auxiliary Automatic Battery Charger	115 VAC line powered, 30 amp

Contact details

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