

PRODUCT INFORMATION: MESSAGE BOARD 2 (MB2) Lift and Rotate



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 urethanes finish excellent appearance and durability. Radar speed monitor available.

Message Panel

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|-------------------------|------------------------------------|
| Panel size | 234cm wide x 137cm high |
| Panel construction | All aluminium modular construction |
| Matrix size | 27 x 48 pixels |
| Pixel size | 4.5 x 4.5cm |
| Characters per line | up to twelve |
| Number of lines | up to four |
| Number of fonts | seven |
| Character height | 19cm to 76cm |
| Graphics capability | full matrix with full animation |
| Display technology | LED (Amber 592nm) |
| Display life expectancy | approx 10years |
| Viewing Angle | minimum of 23° horizontal |

Trailer Details

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|---------------------|---------------------------------|
| Length overall | 274cm |
| Width Overall | 196cm |
| Height travelling | 257cm |
| Height operating | 360 cm |
| Ground clearance | 33cm |
| Weight approx | 907kg |
| Coupler (class III) | 5.1 cm ball, 7.6 cm pintle ring |
| Brake actuator | 2268kg reverse surge |
| Axle/suspension | torq-flex-independent |

Mega Tech Control Console

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

Energy Source

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|--------------------------|--|
| Operating voltage | 12volts DC |
| Battery type | 6 volt heavy duty deep cycle |
| Number of batteries | 8 |
| 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 output | standard 150w (nominal) – 170 w (peak) |
| Solar charge controller | automatic temperature compensated |
| Aux. Battery charger | 115 VAC line powered, 30 amp |

Contact details

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