



As Reliable as the Sun

Vehicle Mounted Arrow and Message Boards

Vehicle mounted signs allow flexibility for DOTs, municipalities, contractors and traffic safety houses. A wide array of signs and mounting options enables you to customize for any vehicle:

- Crash attenuators - Trucks or Trailers
- Pickup trucks
- Dump trucks
- Stake body/Flat Beds
- Utility vehicles

Solar Technology offers multiple mounts in various sizes for any vehicle in your fleet. All mounts come with choices for operation: manual or powered. Signs can be powered either by using battery power from the vehicle, or by using dedicated batteries. Optional solar panels can also be ordered.

All mounts and signs come with Solar Technology's unbeatable 5 Year Warranty. Talk to your Solar Technology rep to configure the right sign, mount and base combination for your particular application.



Go to www.solartechology.com and use our **Vehicle Mount Configuration Guide** to build the right product for your vehicle:
<http://solartechology.com/configuration-guide/>

VEHICLE MOUNT OPTIONS:

These mounts - with one exception - work with any sized sign and allow the signs to fold for transport:

FIXED MOUNT - The sign mounts flush to vehicle and does not fold.

PIVOT MOUNT - Our most versatile option, used on any vehicle. Powered by vehicle or dedicated batteries.

ROOF OR OVER-THE-CAB MOUNT - Used with 30" x 60" message or arrow signs only. Sign folds compactly.

CENTER PIVOTING - Our most economical mount. Sign pivots at center of crossbar.

BASE OPTIONS: **SKID** - Low Profile (18") or Standard (49") Skid. **BED RAIL** bases are also available.



Skid Base

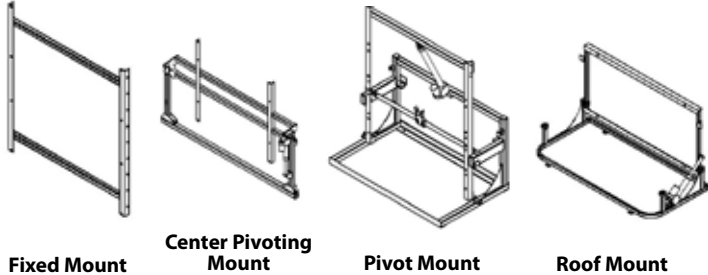


Bed Rail Base

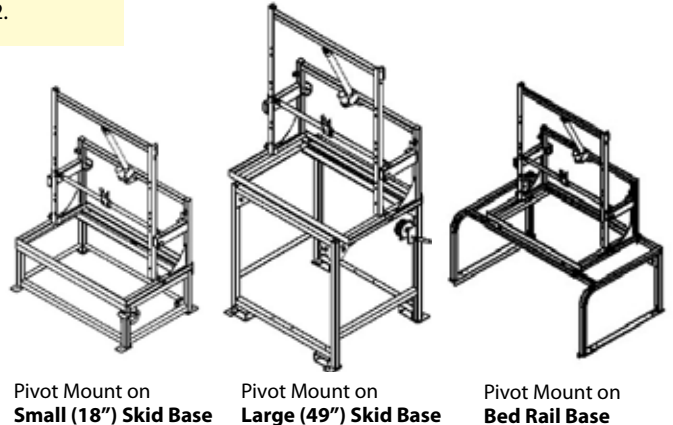
Vehicle Mounted Arrow and Message Signs

Use this quick and easy way to configure:
<http://solartech.com/configuration-guide/>
 Or call and ask your SolarTech rep for assistance. No rep? Call 800-475-5442.

Examples of **MOUNTS**



Examples of **BASES**



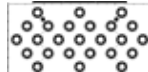
VEHICLE MOUNTS:

- FIXED MOUNT** - Sign mounts flush to the vehicle and does not fold.
- CENTER PIVOTING MOUNT** - Sign pivots at mid-point of sign on crossbar
- PIVOT MOUNT** - Most versatile mount: accepts a wide variety of signs
- ROOF MOUNT** - Restricted to 30" x 60" signs. Sign folds compactly.

ARROW PANELS



- 30" x 60" Type B -15 lamp LED
- 36" x 72" Type B -15 lamp LED
- 48" x 96" Type C -15 lamp LED



- 30" x 60" Type B -25 lamp LED
- 36" x 72" Type B -25 lamp LED
- 48" x 96" Type C -25 lamp LED

MESSAGE SIGNS

Message boards and mounts are custom built when ordered. Other sizes are available - please call us or your rep to request other sizes.

| Panel Size in Inches | height x width in Centimeters | Pixel Count height x width (resolution) | Pixel Pitch | Maximum Lines of Text | Minimum Character Height | Approx. Maximum Characters Per Line |
|----------------------|-------------------------------|---|-------------|-----------------------|--------------------------|-------------------------------------|
| 30" x 60" | 76 x 152 cm | 32 x 72 | 19 mm | Up to 4 | 5.25" (13 cm) | 18 |
| 30" x 60" | 76 x 152 cm | 16 x 36 | 38 mm | Up to 2 | 10.5" (27 cm) | 9 |
| 33" x 78" | 84 x 198 cm | 18 x 48 | 38 mm | Up to 2 | 10.5" (27 cm) | 12 |
| 38" x 92" | 97 x 234 cm | 18 x 48 | 45 mm | Up to 2 | 12.0" (30 cm) | 12 |
| 46" x 78" | 117 x 198 cm | 27 x 48 | 38 mm | Up to 3 | 10.5" (27 cm) | 12 |
| 54" x 92" | 137 x 234 cm | 27 x 48 | 45 mm | Up to 3 | 12.0" (30 cm) | 12 |

All message panels are full-matrix and include standard amber LEDs
 Maximum lines of text are based on minimum allowable character height
 Additional sizes and pixel pitches are available by request

INSTALLATION KITS - VEHICLE MOUNT

In-cab controls with auxiliary battery pack (2 standard flooded batteries) or **without auxiliary battery pack** (uses vehicle battery power)

- ARROW BOARD power and control cables: choose 16, 30 or 50 foot
- MESSAGE BOARD power and control cables: choose 20, 30, 40 or 50 foot

In-battery box controls - self contained unit

OPTIONS AND UPGRADES - ALL UNITS

SOLAR ARRAY UPGRADES

- 40 watt array (nominal) - Arrow Panels
- 80 watt array (nominal) - Message Boards
- 120 watt array (nominal) - Message Boards

BATTERY UPGRADES

- Vandal-proof battery frame included with all:
- Four (4) lead acid (flooded) - 520 amp/hr capacity
- Two (2) gel-cell or AGM, maintenance free, 260 amp/hour capacity
- Four (4) gel-cell or AGM, maintenance free, 520 amp/hour capacity

BATTERY CHARGER UPGRADES

- 45 amp - 120 volt AC

REMOTE COMMUNICATION

Controller can be provided with GPS receiver, cellular transceiver and lifetime cellular service.

OPTIONS FOR MESSAGE BOARDS

RADAR OPTIONS

- Directional doppler K-Band. User-configurable KPH or MPH. Data Collection and Statistical Analysis Package included.

OPTION FOR ARROW BOARDS

- Wireless remote control for arrow board controller



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All models meet or exceed the standards for Portable Changeable Message Signs and Flashing Arrow Panels as listed in the U.S. Federal Highway Administration (FHWA) Manual or Uniform Traffic Control Devices (MUTCD). Specifications subject to periodic updates as required without notice.



www.solartech.com

Made in the USA