



As Reliable as the Sun

Vehicle Mounted Arrow and Message Boards

Vehicle mounted signs offer flexibility to DOTs, municipalities, contractors and traffic safety houses by providing a wide array of signs and mounting options, enabling customization 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 application.

MOUNT OPTIONS:

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.

LOW PROFILE PIVOT MOUNT - Used with 30" x 60" message or arrow signs only. Sign folds compactly.

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

BASE OPTIONS:

SKID - Available in various heights.

BED RAIL - Adjustable to fit any pickup truck bed rail with a 55 - 72" width.

Please contact us for additional information.



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/>



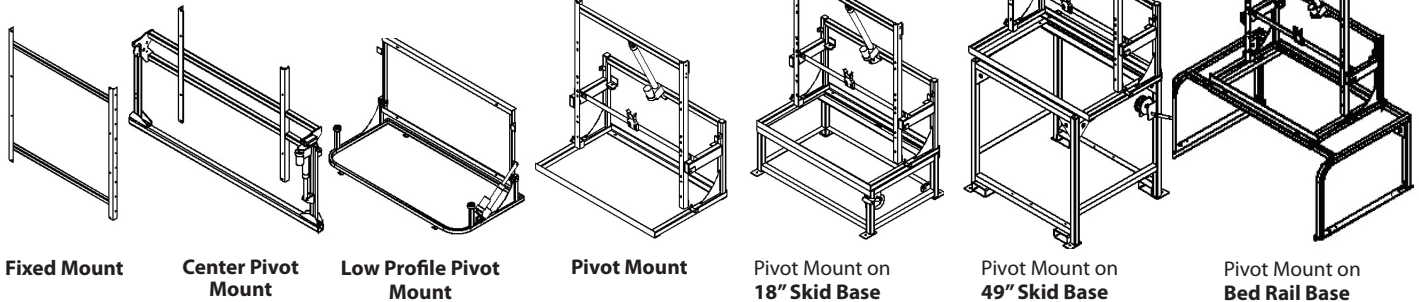
www.solartechology.com

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**

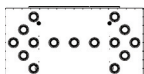


Examples of **BASES** *

VEHICLE MOUNTS:

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

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.
 Available sizes include:

- 30" x 60"
- 33" x 78"
- 38" x 92"
- 46" x 78"
- 54" x 92"

- All message panels are full-matrix and include standard amber LEDs
- Additional sizes and pixel pitches are available by request

Please call us or your rep to discuss your requirements.

INSTALLATION KITS - VEHICLE MOUNT

- In-cab controls with auxiliary battery pack** (2 standard flooded batteries (260 amp hour))
- Without auxiliary battery pack** (uses vehicle battery power)

ARROW BOARD power and control cables: choose 15, 30 or 50 foot
 MESSAGE BOARD power and control cables: choose 20, 30 or 45 foot

- In-battery box controls** - self contained unit

LIFTING MECHANISM

- POWER LIFT:** Remote controlled 12V linear actuator.
- Remote controlled linear actuator - Pivot, low profile & center pivot mounts
 - Requires 12 VDC power connection

- MANUAL LIFT:** Winch & cable (Pivot only)
 Manual rotation (Center Pivot only)

- Manual winch & cable mechanism - Pivot mount with skid base



SOLAR TECHNOLOGY, INC.
 7620 Cetronia Rd. Allentown, PA 18106
 Phone: 800-475-5442 or 610-391-8600

OPTIONS AND UPGRADES - ALL UNITS

SOLAR ARRAY UPGRADES

- 50 watt array (nominal) - Arrow Panels
- 100 watt array (nominal) - Message Boards
- 150 watt array (nominal) - Message Boards

BATTERY UPGRADES

- 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
- 55 amp, 120 volt AC

REMOTE COMMUNICATION

The controller can be upgraded to include a GPS receiver, cellular transceiver and lifetime cellular service. Lifetime cellular service is limited to carrier supported generational wireless technology.

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



SCAN ME

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.

