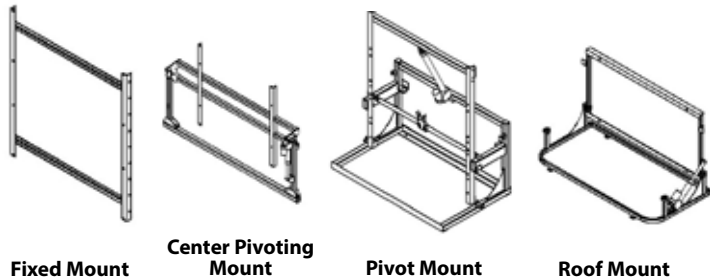


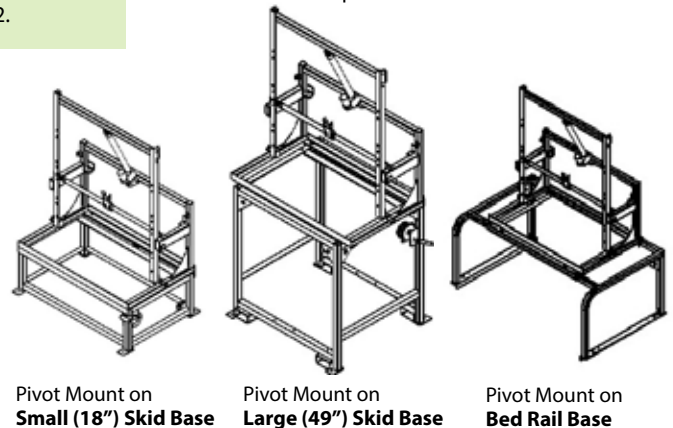
# Vehicle Mounted Arrow and Message Signs

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**



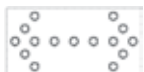
Examples of **BASES**



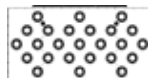
## VEHICLE MOUNTS:

**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 **with-out 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

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.



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