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# Arrow Board

# Trailer Mounted

## FEATURES

- Jack on each corner
- Double pulley winch system
- 15" tires
- Solar Powered
- Meets MUTCD
- NTPEP Tested
- Removable Tongue
- Lockable Cabinets
- Photocell for Auto dimming
- Super Bright LED Technology
- Easy to operate & maintain
- Powder Coat Paint



Model Shown:  
LC 154896



Function 7

## Arrow Board Controller Functions

### Flashing Modes

Corner caution	Left / Right
Caution bar	Double arrow

### Sequential Modes

First pulse	Second pulse	Third pulse
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Sequential stem arrow, left / right

Flashing rate, all models 30 to 40 per minute.



## Standard 4 Corner Jack

Unlike most other arrow board manufacturers that utilize sliding jacks, Lightcast arrow board trailers utilize a four corner jack system with side winding jacks to protect knuckles and to make it easier for personnel to setup and leave the unit in the field quickly and safely.

# Arrow Board Trailer - General Specifications

Solar Powered, 15 Lamp (LED) Arrow Board. Sign dimensions are 48" x 96" all aluminum fabrication with flat black powder coat finish to give smooth look, 40 watt solar panel, solar regulator with LVD to protect batteries from over discharge. 100 amps of battery backup, (4)-four swivel type jacks, one on each corner of trailer.

## Trailer

- Width:** 68"
- Length with tongue:** 104"
- Length without tongue:** 57"
- Transport Height:** 87"
- Salt Spray:** 1,000 hours
- Paint:** Powder Coat
- Main frame:** 2" x 2" x 1/8" tubular steel
- Wheels:** 15"
- Axle:** 3,500 lbs leaf spring
- Fenders:** 16 gauge bolt on
- Jacks:** (4) adjustable corner jacks
- Hitch:** 2" ball, 1/4" safety chains with hooks
- Arrow Panel Lift:** Gear ratio: 4:1, Load Capacity: 1200 lbs., Reel Capacity: 58 FT.
- Battery/Control Cabinet:** Steel fabrication, lockable, hinged, vented

## Controller

- Power Switch:** Provides power from the control box to the Arrow Board
- Power Indicator Light:** The LED indicates the Control Box has power and is ready for operation
- Fuse:** 5 Amp
- Mode Selector:** Provides selection of the warning modes
- Manual Dim Switch:** Provides the user with the ability to override the photocell



## Sign Display

- Construction:** .080 aluminum frame 48" x 96"
- Cross members:** .063 aluminum front & back panel 48" x 96"
- Paint:** Black powder coat paint
- Salt Spray:** 1000 hours
- UV Resistant:** 500 hours
- Seal:** Weather resistant
- Length:** 96"
- Width:** 48"
- Depth:** 3 3/8"
- Visibility:** 4800 feet
- Raising and lowering of display:** Winch
- Flash Rate:** 30-40 flashes per minute
- LED's:** (15) yellow/amber Par 46 LED's
- Visor:** 360 degree plastic high impact

## Power and Charging

- Batteries:** (1) 12 volt 100 amp battery
- Solar:** (1) 40 watt solar panel
- Onboard diagnostics to monitor:** Solar, battery, and load
- Regulator:** 10 amp regulator with low voltage & high voltage disconnect.

## Options

- Locking lug nuts
- 3 Mode indicator lights
- 7 way round Trailer plug
- Pintle ring or bulldog hitch
- Battery Charger
- Diamond Plate Floor
- Hour Meter
- Tongue Jack
- Custom Paint
- Tow plate
- Other options available