

# ARO-LITE CURVE™

## Directional Display Trailer

The new National Signal Aro-Lite Curve® traffic controller represents the latest blend in environment and technology. With our innovative curve design the operator has greater clearance to maneuver around the chassis. This unique curve design provides greater lateral strength to the uprights, decreases the amount of welding which means less energy required for manufacturing, and increases the foot print area. That means less chance for blow over's in high wind areas. Here are a few more features that the new Aro-lite Curve™ has to offer:

- Environmentally friendly sealed battery prevents spills and leaks
- New control with touch sensitive keys and LED display uses 50% less energy which means longer run times between charges
- Newly designed replaceable fenders means less repair time
- Curb side winch and battery box means greater safety for the user
- High mounted tail lights provide motorists with a better view when stopping
- New optional cone holders makes site setup easier
- Meets the Highway Administrations Manual on Uniform Traffic Control Devices (MUTCD)



A National Signal Green Product



Sequential chevron  
right or left mode



Seq. stem arrow right  
or left mode



Single head arrow right or  
left mode



Single flashing arrow  
right or left mode



Double flashing arrow  
mode



Caution rectangular  
mode



Caution bar mode



Alternating diamond  
caution mode



Operator Control System

## Trailer Construction

Width across fenders 75"  
Length w/draw bar.....114"  
Length w/o draw bar..... 67"  
Height sign up.....139 "  
Height sign down.....89"  
Weight.....1000 lbs  
Tire size.....ST205/75-D15 load C  
Suspension.....Leaf spring  
Color.....Orange, other colors optional  
Hitch.....2" ball class II 3500 lb capacity, removable  
Frame.....(4) post design 2.125"x1.78"x1/8" steel tubing formed to a 47" arc MIG welded to frame  
Fenders.....Formed steel bolt-on  
Draw bar.....3"x 3" steel tube, removable  
Jacks.....(4) slide type plated, (1) swing type  
Lighting.....Stop, turn, and signal, side reflectors, mounted high, four wire disconnect for towing  
Winch.....1000 lb. with double disc brake system, 1/4" diameter galvanized steel cable mounted on curb side



## Batteries and Solar collectors

Batteries.....6v (wired for 12v), deep cycle, sealed, other options available  
Solar collector .....Crystalline silicon  
Solar Collector Frame.....Formed steel, powder coated black, self erecting, universal  
Battery enclosure..... Lockable, ventilated, acid resistant

## Control

Functions 15 lamp.....7  
Functions 25 lamp.....12  
Switches.....Sealed membrane touch sensitive  
Circuit Protection.....Automotive style blade fuses  
Dimming.....Manual or automatic  
Display.....LED, shows operating mode  
Meters.....Voltage built in with low voltage warning and shut-down

## Directional Display

Width.....96"  
Height.....48"  
Panel Construction.....aluminum  
Front Lamps.....15 or 25  
Rear lamps..... 3  
Lamp type.....LED, 590nm reverse polarity protected  
Angularity.....7° vertical x 15° horizontal.  
Photo Sensor.....Shielded from extraneous light  
Lamp Covers.....360° molded polycarbonate

## Options

- Wheel locks
- 14" wheels
- Battery charger, 30A, 55A or 75A fanned cooled
- Combo hitch 2" ball & 3" pintle ring, 8" & 18" adj.
- Battery controller
- Cone rack

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