

180° DIRECTIONAL



Directional Display Panel

FEATURES & BENEFITS

The 180° Directional Display Panel from National Signal is utilized for roof mounted applications to provide advance warning and directional information. The unique 180° design allows the Directional Display to rotate and face in either direction. This can be a great time saver in certain situations where repositioning the vehicle is impractical.

- **Rotates to face either direction.**
- **Powered by 12VDC.**
- **Exceeds requirements for such traffic control devices described in part 6E-7 of the MUTCD.**
- **Remote operator control.**
- **Manual and automatic dimming.**



Rotates to Face Either Direction



Operator Control System

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



SPECIFICATIONS

Characteristic	Description
Control System	<ul style="list-style-type: none"> • Sealed, touch sensitive membrane switches • Power ON/OFF with LED indicator • Manual/Automatic dimming • Automotive style fuses (20A) with extra replacements • LED display on control indicates mode • LED battery condition indicator • Built-in low voltage shut-off protects from excessive battery discharge • Energy saver feature blanks out LED's on control • Test mode illuminates all lamps allowing user to spot burned out lamps • Additional function switches for custom modes built in

Automatic Dimming	<ul style="list-style-type: none"> • Day brightness 100 foot candles. Night brightness 20 foot candles. Below 20 foot candles, lamp voltage set by photo cell located under the panel to protect from vehicle head lights, street light, etc. Lamp intensity is set by ambient light conditions.
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Manual Dimming	Intensity set by user regardless of ambient light conditions
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Cables	Standard power cable is 9'. Standard control cable is 15'. Other cable lengths are optional.
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Power Lift	12VDC high torque electric motor with weather resistant seals and automatic clutch
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Display Panel	<ul style="list-style-type: none"> • The front and back panels made from aluminum. Perimeter frame and internal vertical members manufactured from extruded aluminum channel. • Lamps are 4 in. amber, PAR 36 11 watt polycarbonate. With three indicator lamps located on the rear. Lamp hoods (retainers) are formed of high impact plastic with four keyhole indexing mounting holes. • Panels are etched, painted, and baked using non glare black powder paint. A photo resistor is built into the bottom of the panel to measure the ambient light.
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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	

Panel Size	Number of lamps
30 x 60	13, 15 ¹ , 25
36 x 72	15, 25

¹ Optional
Optional LED lamps on all models

Specifications subject to change at any time without notice.
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