

DIRECTIONAL DISPLAY™ PANEL



Roof Mount
Display Panel

Operator
Control
System



FEATURES & BENEFITS

The Directional Display Panel from National Signal provides advance warning and directional information. The system assists in diverting and controlling traffic around construction or maintenance activities.

- **Powered by 12VDC.**
- **Exceeds requirements described in part 6E-7 of the MUTCD.**
- **Remote operator control.**
- **Manual and automatic dimming.**
- **Touch sensitive control keys**
- **LED mode display**
- **Rugged construction**
- **Automotive style fuse w/spares**
- **Built-in battery indicator w/auto shut down protects vehicle battery from discharge**

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

- 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 excessive battery discharge
- Energy saver feature blanks out LED's on control
- Test mode illuminates all lamps allowing user to spot burned out lamps
- Built in power lift function
- Additional function switches for custom modes built in

Automatic Dimming

- 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.

Manual Dimming

- Intensity set by user regardless of ambient light conditions

Cables

- Standard power cable is 9'. Standard control cable is 15'. Other cable lengths are optional.

Display Panel

- 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 incandescent polycarbonate. With three PAR 36 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.

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
24 x 48 ¹	13
30 x 60 ¹	13, 15 ² , 25
36 x 72 ¹	15, 25
48 x 96	15, 25
30 x 72 180°	13, 15, 25

¹ Available in power lift fold down version.

² Optional.

Optional LED lamps on all models.

Optional double face panels available on some models.

Specifications subject to change at any time without notice.

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