

National Signal introduces its new Dynamic Message Center (DMC), combining the power of its dynamic message signs with a low profile, permanently mounted sign.

Utilizing the latest in LED messaging technology, the DMC provides a distinct safety advantage to motorists, whether warning of adverse road conditions, approaching traffic congestion or excessive vehicle speeds.



- *Local control or remotely operated*
- *Various sizes available*
- *All LED*
- *Full matrix or 3-line options*
- *Hundreds of pre-programmed messages, symbols or graphics*
- *Solar or AC powered*
- *Radar and overspeed/violator alert options available*
- *Easy to operate and cost effective with low maintenance*



# Specifications

## Sign Panel

- 590 nm (amber) light output LED AllnGaP technology
- Full Matrix LED Models: 4 LEDs per pixel
- Store over 300 pre-programmed permanent messages, MUTCD messages, and operator-created messages
- Multiple message sequencing
- Various fonts from 7.5" up to 60" character height depending on model
- Moving arrows, chevrons, and other graphics with auto-centering of messages
- Unaffected by RF interference

## Mounting

- Sign panel is capable of being mounted in a variety of configurations depending on specifications. Contact factory for details.

## Controller

- DMC message signs use our new UniCPU controller which supports a standard keyboard for ease of maintenance
- Embedded communications software is fully NTCIP compliant
- Password protected
- Single board processing unit simplifies trouble-shooting and repair
- RS232 port in controller cabinet offers laptop comm.
- LCD controller display provides 4 lines x 40 characters
- Arrow display mode, MUTCD symbols, and NTCIP comm. supported

## Solar/AC Power

- Sign panel can operate using AC electrical power hardwired to the sign or a solar panel array mounted on top of, or in conjunction with, the sign installation utilizing a series of battery banks
- AC power: 20V AC
- Solar array: rated as required
- Battery: deep cycle, rated as required

**Sign Panel** Fabricated from aluminum angle & sheeting

**Sign Window** 1/8" UV stabilized, clear polycarbonate

**Light Control** Manual or automatic (31 levels of brightness/dimming)

**Photoelectric** Mounted away from extraneous light

**Legibility Min.** 1200 ft. (365 m)

**Temp. range** -30°F to +165°F (-34°C to +74°C)

**Rel. Humidity** 20% to 100%, non-condensing

### Model No.

### Dimensions

### Message capability

DMC-380	78" high x 128" wide	3 line/8 character
DMC-345	78" high x 128" wide	3 line/11 character
DMC-390	78" high x 128" wide	Full Matrix
DMC-4896	48" high x 96" wide	Full Matrix
DMC-3672	36" high x 72" wide	Full Matrix

## Options

- Remote communications: cellular, CDPD, and/or landline controls 1 to 127 signs
- Radar speed display warning detection
- Strobe light for overspeed detection
- Speed violator alert for roadworker/pedestrian awareness
- Laptop computer
- 3/16" polycarbonate sign window
- Anti-glare option on window

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