

National Signal continues to innovate with the addition of our mid-size 'full matrix' message sign.

The SR490 combines the features of our large and small signs into a convenient package that delivers great legibility in a compact, easy to use package. Available in manual lift or optional hydraulic lift.



- *AllnGaP LED technology*
- *Hundreds of pre-programmed messages, MUTCD messages, and operator-created messages*
- *Environmentally friendly*
- *Cost effective*
- *Reliable and easy to operate*
- *Meet or exceed all state and federal highway MUTCD traffic safety specifications*
- *Replace characters without the need of tools*
- *5 LEDs per pixel*

With our newly positioned control there is no more kneeling or bending over to program your message.

And now, you can see your message while you program. No more walking around the sign.

Find out more about the other great features of our SR490 on the next page.

# Specifications

## Trailer Construction

Width across fenders	78"
Drawbar	2 1/2" x 2 1/2" x .187" wall steel tube / removable
Fenders	formed steel replaceable
Frame	3" x 3" x 1/8" wall tubing
Length w/ drawbar	137"
Length w/o drawbar	106"
Height sign up	149"
Height sign down	105"
Hitch	2" ball class II 3500 lb capacity
Jacks	(4) swing, (1) swing type w/ caster
Tire size	ST205/75-D15 load C
Weight	1600 lbs
Lift mechanism	2,500 lb with double disc brake. 1/4" diameter steel rope cable rated 4,400 lb. Electro-hydraulic optional

## Control

Type	Proprietary embedded, fully NTCIP compliant
Dimming	Manual or automatic
LCD	4 lines, 40 characters per line, backlit
Remote Comm Messages	Cellular capable 50 user programmable (4 pages each), 300 pre-programmed including MUTCD symbols and arrows
Message scheduling	36 events

## Batteries and Solar Collectors

Batteries	6v or 12v deep cycle with varying options
Battery charger	15A to 30A fanned cooled, external plug, (45A optional)
Battery enclosure	Lockable, ventilated, acid resistant
Solar collector	Crystalline silicon, 80w to 240w

## Display

Pixel matrix SR490	28 rows by 48
Character size	6 fonts from 11" to 46", 3 lines of 12 characters
LEDs	590 nm amber, 5 per pixel
Brightness	Manual/automatic 31 levels
Photo Sensor	Shielded from extraneous light
Enclosure	Aluminum, finished powder coated black
Sign dimensions	59" high by 96" wide

## Options

- Combo hitch 2" ball & 3" pintle ring
- Wheel locks
- Cellular phone for remote operation
- Hidden shackle lock brackets to secure batteries
- Speed detection
- Electro hydraulic lift
- Color touch tablet

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