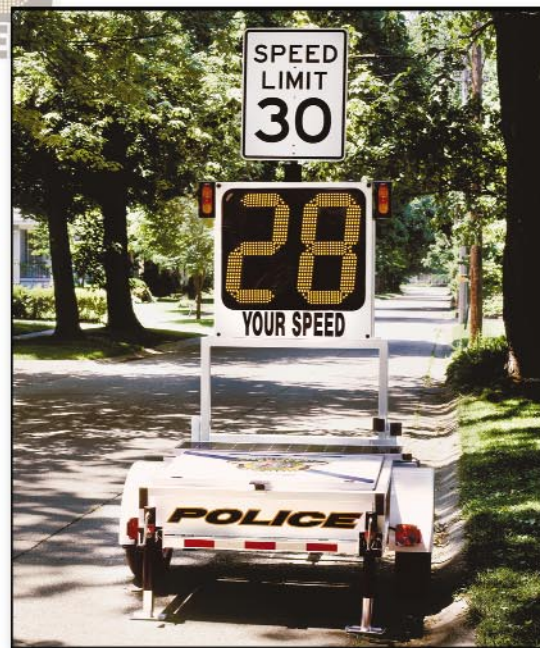




# Speed Monitor™ 25-Inch Speed Advisory Trailer

## Need to slow speeders on highways? You need the Speed Monitor 25" Trailer.

The *Speed Monitor 25" Trailer* has all the features you need for controlling speeds on a highway. The display is deployed at a height of over 8 feet when the trailer is raised and lowered, and the trailer is only 40" tall when folded. The display frame is counterweighted so that a single person can easily raise and lower it. The display has a dual locking mechanism so that it can be towed in the upright position in a moving application. The trailer lets you set independent alarms for the overspeed alarm and optional strobe light. You can also set the minimum and maximum speeds for the radar and adjust its range. The unit comes with a solar panel, two Group 31 batteries, speed alarms, and operational timers as standard equipment. Optionally, you can add additional batteries, strobe lights, motion alarm, traffic computer, canvas cover, or tow vehicle charger.



### Features

### Benefits

- Automated speed control** . . . . . *Reduces speeding and enhances safety without tying up an officer's time.*
- Largest speed display available anywhere** . . . . . *Giant 25-inch super-bright LED display provides easy viewing day or night at distances over 1/4 mile. Brightness dims at night for optimal viewing.*
- Patented directional radar integrated into unit** . . . . . *Oncoming drivers see only their own speed. Accurately measures speeds, moving or stationary.*
- Vandalism-resistant security features** . . . . . *Locked electronic cabinet, impact-resistant Lexan® display window, and graffiti-resistant finish.*
- Eight-foot display that folds down** . . . . . *Speed display is positioned high for optimal viewing by distant traffic, but lowers for easy transportation between job sites.*
- See-through trailer design** . . . . . *Deployment dangers are minimized since drivers can see workers behind the trailer and workers can see oncoming traffic.*
- Easily programmable alarms and timers** . . . . . *Microcomputer-controlled overspeed alarm and operation timers adapt the unit to any use. Strobes and siren optional.*
- Best warranty in the industry** . . . . . *Two years on the electronics, one year on the rest.*

**The Company:** MPH Industries, Inc. specializes in velocity measurement. Formed in 1975, MPH is one of the largest suppliers of Doppler radars to Law Enforcement worldwide. MPH also serves the highway and rail transportation industries, education and sports. MPH Industries is a subsidiary of MPD, Inc., a manufacturer of aerospace components and subsystems, electronic components and breath alcohol analyzers.

# Speed Monitor™ 25-Inch Speed Advisory Trailer

**Description:** Speed display sign with self-contained, one-direction radar and mounted on a Speed Monitor™ Trailer.

## Trailer:

- ❖ Dual 4' x 6' frame constructed with 11 gauge 2" square tubing. All wiring concealed in frame.
- ❖ Steel utility box (36" x 43" x 12") provides a weatherproof enclosure for batteries, charger, sign storage, etc. Will accept optional traffic computer.
- ❖ Display is contained in 36" x 30" x 8" steel enclosure that folds and raises easily, assisted by a balanced counterweight. Display can be seen above traffic, yet the trailer is easily towed between worksites.
- ❖ Durable graffiti-resistant white paint.
- ❖ Two inch ball hitch continuously welded onto 2" x 2" 11 gauge square tube tongue.
- ❖ Four adjustable jacks for best leveling and stability.
- ❖ 14" 185R17 automotive radial tires mounted with locking lug nuts.
- ❖ Leaf spring suspension for superior cushioning.

## Display:

- ❖ Two 25-inch high digits show speeds in m.p.h.
- ❖ Constructed with super-bright amber light emitting diodes.
- ❖ Viewing distance of over 1/4 mile.
- ❖ Automatic dimming for best viewing, day and night.
- ❖ Battery status indicator displays battery charge level in the main display window.
- ❖ Durable, vandal-resistant Lexan® display window.
- ❖ Weatherproof to NEMA 4 rating.

## Radar:

- ❖ Ka-band Automatic Same Direction™ (ASD™) traffic radar
- ❖ 1000 ft. range (typical vehicle)
- ❖ 25 mW transmitter power
- ❖ 12 degree antenna beamwidth
- ❖ Type accepted under FCC Part 90
- ❖ Operating temperature range of -22°F to 160°F

## Standard features:

- ❖ Overspeed alert flashes displayed speed.
- ❖ Minimum displayed speed adjustment
- ❖ Maximum speed cutoff
- ❖ Two operational timers (5 or 7 day)
- ❖ Two auxiliary speed alarms for external devices
- ❖ Internal 110 Volt battery charger

## Options:

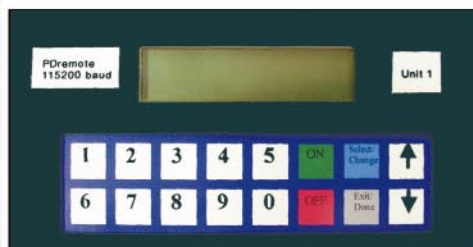
- ❖ Speed limit sign with interchangeable digits and mounting bracket
- ❖ Siren and/or strobe lights to alert inattentive drivers, workers, and pedestrians of danger
- ❖ TimeMark traffic statistics computer with radar data interface
- ❖ Antitheft motion alarm
- ❖ Spare tire
- ❖ Extra batteries
- ❖ GPS unit to double-check ground speed in moving mode
- ❖ Tow vehicle battery charging

# MPH

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**Internal microcomputer**



**Orange version available**