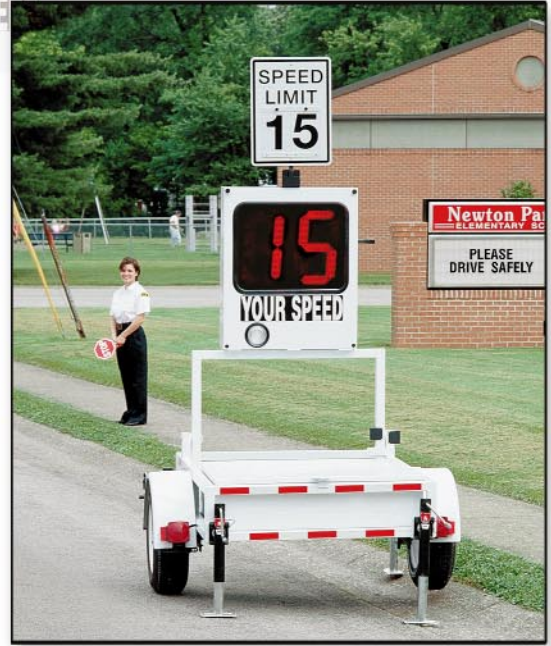




Speed Monitor™ Trailer

Need to slow speeders in many locations? You need the Speed Monitor Trailer.

The *Speed Monitor Trailer* controls speeding problems without tying up an officer's time. The high intensity sign informs drivers of their speed without requiring an officer or a traffic stop, freeing up officers for more important duties. Since speeds are reduced without issuing tickets, the Speed Monitor creates only positive attitudes in the public. Driver confidence in the speed display is enhanced because it is driven by MPH's approach-only radar, which eliminates false speeds generated by opposite-lane traffic and ensures that a driver will only see his own speed displayed. 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 Speed Monitor Trailer controls speeds in any location.



Features

Benefits

- Advanced approach-only radar** *Rejects the speeds of vehicles who can't see the speed display and ensures that oncoming drivers only see their own speeds. Uses Digital Signal Processing (DSP) technology for accurate speed measurement.*
- 18" speed display raises to over 8 feet** *Super-bright LED display provides easy viewing day or night at distances over 1000 ft. Display is positioned high for optimal viewing by distant traffic.*
- See-through design** *Drivers can see pedestrians, making the use of the trailer safe for residential areas.*
- Exceptionally easy to use** *Simply raise the sign, turn on the power switch, and walk away.*
- Vandalism-resistant security features** *Locked electronic cabinet, impact-resistant Lexan® display window, and graffiti-resistant finish.*
- Counterweighted display** *Sign raises easily; counterweights are maintenance-free and last forever.*
- Lockable storage box** *Store speed limit sign and batteries, plenty of room for other equipment.*
- Best warranty in the industry** *Two years on the electronics, one year on the rest of the trailer.*

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. sup- edu-

Speed Monitor™ Trailer

Description: Speed display sign with self-contained, one-direction radar and mounted on a 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 sites.
- ❖ 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.
- ❖ Internal Group 27 deep-cycle battery and 110 volt battery charger. Additional batteries available.

Display:

- ❖ Two 18-inch high digits show speeds in m.p.h.
- ❖ Constructed with super-bright red light emitting diodes.
- ❖ Viewing distance of over 1000 feet.
- ❖ 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:

- ❖ K-band Approach-only radar systems, rejects speeds of all opposing lane traffic.
- ❖ 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

Warranty:

- ❖ Two years parts and labor on the radar and speed display, one year on the rest of the trailer. Additional warranties may apply to accessory equipment.

Options:

- ❖ Overspeed alert causes displayed speed to flash when speed limit is exceeded.
- ❖ TimeMark traffic statistics computer with radar data interface.
- ❖ Maximum speed cutoff.
- ❖ Axle bar lock.
- ❖ Standard or heavy-duty solar recharging system.
- ❖ Speed limit sign with interchangeable digits and mounting bracket.
- ❖ Antitheft motion alarm with remote control unit.
- ❖ Spare tire, wheel and mount.
- ❖ Additional batteries.
- ❖ Protective cover with straps.
- ❖ Amber speed display.

MPH

MPH Industries, Inc.

316 E. Ninth Street
Owensboro, KY 42303

Phone: (888) 689-9222
Fax: (270) 685-6288

