

# Speed Measurement Trailer

## Speed Patrol™ 18

Part No. 991024



Speed Limit Signs Are Available  
10, 15, 20, 25, 30, 35, 40, 45, 55, 60, 65



Includes Weatherproof Display with Lexan Impact-Resistant Window and 2 Digit, 18 in. high Red or Amber LED's, Approach-Only K-band Radar, Automatic Dimming for Better Night Viewing, One 12V Battery with Charger, 1 Screw-type Jack and 2 Adjustable Stabilizer Jacks, 14 in. Tires and Leaf-spring suspension, 2 in. Ball Hitch on a Fixed Tongue. 2 in. Square Tube Frame with Lockable Storage Box, White Graffiti-Resistant Powder Coating. 2 Year Warranty on Radar and Display, 1 Year Warranty on Trailer components.

MPH Industries  
316 E. 9th Street Owensboro, KY 42303  
Toll Free: 888.689.9222 Order Fax: 270.685.6288 Website: [www.mphindustries.com](http://www.mphindustries.com)

# Speed Patrol™ 18

## Technical Specifications

### Trailer

- Easily towed at highway speeds
- Frame Dimension: 4 ft. x 7.5 ft.
- Overall Dimension: 6 ft. x 7.5 ft.
- Overall Height with standard 14 in. wheels: 5 ft. 6 in.
- Overall Weight: 620 lbs.
- Material: 11 gauge 2 in. square steel tube
- Coating: A. rust-proof undercoat B. graffiti-resistant White powder-coated top coat
- All wiring is concealed in frame, utility box, or run through a steel-braided protected line
- Steel utility box is 28 in. deep x 43 in. wide x 15 in. high and provides a weatherproof enclosure for batteries, charger, speed sign storage, and will accept an optional statistical traffic package
- 2 in. ball hitch continuously welded on a non-removable 2 in. square tube tongue
- 14x185R17 automotive radial tires
- Leaf spring suspension for superior cushioning
- Choice of Group 27 or heavy-duty Group 31 deep-cycle batteries. 110 volt battery charger. Base model ships with 1 battery
- 1 screw-type jack on the tongue with 2 stabilizer jacks on the rear bumper.

### Display

- Enclosure Dimension: 32.5 in wide x 31.5 in high x 9 in. deep
- Enclosure Access Door opens from the front and has 2 lockable handles. Clear window is durable, vandal-resistant Lexan®
- Enclosure is weatherproofed to NEMA 4 rating.
- Two 18 in. high Digits show approach-only speeds. Speeds shown in MPH. KPH is available.
- Assembled with super-bright, wide angle LED's. Choice of Red or Amber.
- Viewing distance of at least 1,000 ft.
- Automatic dimming for best viewing in day and night.
- Battery Status indicator displays battery charge level in the main display window.

### Radar

- New MPH DS-4 Approach-Only Radar—Rejects speeds of all opposing lane traffic.
- 1,000 ft. range (for typical vehicle)
- 25 mW transmitter power
- 12° Antenna Beamwidth
- Type accepted under FCC Part 90
- Operating Temperature Range: - 22° F to +160° F

### Warranty

- 2 Year Parts and Labor on the radar and speed display
- 1 Year Parts and Labor on the balance of the trailer
- Additional warranties may apply to accessory equipment

### Options

- **Overspeed Alert** causes the displayed speed to flash when that speed exceeds your pre-set limit
- **High Speed/Maximum Speed Cutoff** works with Overspeed Alert to blank the display when the violator's speed is 20 mph or more over the Overspeed Alert.
- **Speed Limit Signs (Choice)**
  - > Individual 18" x 24" Speed Number Signs
  - > Single Speed Sign with Changeable Numbers
- **School Zone or Pedestrian Crossing Signs**
- **Traffic Statistics Computer with Radar Data Interface**
- **Anti-Theft Equipment**
  - > Wheel Bar Lock
  - > Steel Security Cable with Lock
  - > Ball Hitch Lock
  - > Anti-Theft Motion Alarm with Remote Control
- **Additional Batteries** (trailer can handle a total of 4)
- **Spare Tire, Wheel and Mount**
- **Flashing Strobes** (add 2 batteries if you order strobes)
  - > White
  - > Amber
  - > Red
  - > Blue
  - > Red/Blue



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