

# *Simply* **MPH** *the Best* Radar

The Speedgun Plus is the only handheld radar unit available that has automatic direction sensing capability. In stationary mode, the Speedgun Plus indicates whether the displayed target is approaching or moving away from the operator. This greatly enhances target identification on two-lane highways. In same direction moving mode, the radar senses the target's relative motion toward or away from the patrol vehicle and automatically displays the correct target speed. The Speedgun Plus does not require the operator to press a faster/slower switch to get the proper speed reading like other same direction radars do.

## Features

Wireless remote serves as handle

Each major function has a unique-feeling switch

Full-size & color, high-brightness, three-window display

Fastest target mode

Automatic Same Direction™ (ASD™) mode

Small size, air bag friendly

Super tough Lexan® housing

K-band with "moving-type" beam width

Digital signal processing

## Speedgun® Plus Handheld Moving Radar with Automatic Same Direction™



## Benefits

*Instantly converts from to handheld use, cross-street speeders are history.*

*No need to look to know what you're doing.*

*Track through lock, no straining to make out the numbers.*

*No more hiding in a semi's shadow.*

*Control speeding in all traffic lanes and patrol roadways where turning around isn't practical with computer-controlled accuracy.*

*This radar never gets in the way.*

*Survives in the toughest environments and is weather-resistant.*

*Truly a dual-purpose radar.*

*Reliable, jammer-proof, maintenance free.*

**The Company:** MPH Industries, Inc. specializes in velocity measurement. Formed in 1975, MPH is the second largest supplier 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 systems.

# Speedgun® Plus Handheld Moving Radar

## Specifications

**Description:** A one-piece radar with wireless remote control which converts to handheld use. The ergonomic design of the remote control ensures comfort, even after hours of use. Each major control function has its own unique-feeling switch; the operator never needs to take his eyes off the road to look at the controls. All minor functions are controlled with a wheel switch the operator pushes to make his selection. Unique features include the multi-color display, green for patrol, red for target and lock, yellow for secondary functions such as patrol blanking and squelch. Lexan® case gives ruggedness and weather resistance. Same and opposite direction speed-sensing, moving and stationary modes, fastest and strongest target are all included. **Automatic Same Direction™ (ASD™) makes same direction operation simple and removes potential judgment errors.**

High visibility, full-size LED readout with display icons for all major functions – operator sees and understands instantly. Three windows provide full "track through lock" capability or simultaneous "strongest" and "fastest" targets. Digital signal processing reduces maintenance to a minimum, yet filters out many more spurious signals, avoiding potential erroneous errors. Minimal audio processing of Doppler return yields closing speed and signal strength information and the true "cosine effect" frequency slide assures positive identification as the target goes by. Airbag friendly size. Quick release dash bracket. Aiming sights.

Operating frequency:	K-band, 24.150 +/- 0.100 Gigahertz
Display digits:	0.3 inch (0.76 cm) high LED type
Radar output power:	25 milliwatts nominal
Input voltage:	10.8 to 16.5 Volts DC (13.6 Volts nominal)
Input current:	1.0 Amperes nominal (0.8 to 1.6 amps)
Speed range:	<b>Stationary mode:</b> Target: 15 mph to 209mph (25 to 354 kph) <b>Indicates target direction as well as speed</b>
	<b>Opposite direction moving mode:</b> Patrol: 12 to 80 mph (20 to 136 kph) Target: 20 mph to 209 mph closing speed (34 to 354 kph)
	<b>Same direction moving mode:</b> Patrol: 20 to 80 mph (34 to 136 kph) Target: +/- 70% of patrol speed, minimum difference between target and patrol speeds is 3 mph (5 kph) <b>Automatically calculates the correct target with no operator input required.</b>
Antenna beam width:	12° nominal
Antenna side lobes:	At least 24 dB below main beam power level
FCC Type Acceptance:	CJR-KWP-001, complies with Part 90
Operating temperature:	-30°C to +60°C
Operating humidity:	To at least 90% @ 37°C
Housing:	Impact-resistant, weather-resistant, Lexan® with copper shielding
Dimensions:	<b>Main body:</b> Length: 8 3/4 inches (22 cm) Width: 4 1/8 inches (10.5 cm) Height: 3 3/4 inches (9.5 cm)
	<b>Remote control/handle:</b> Length: 5 inches (13 cm) Width: 3 3/4 inches (9.5 cm) Thickness: 1 15/16 inches (5 cm)

Weight:

### Your MPH Representative Is:

For more information or to obtain bidding specification, contact MPH at 1-800-835-0690 (fax: 1-270-685-6288)

Speedgun, Automatic Same Direction, and ASD are all trademarks, Inc. All specifications are subject to change without notice.



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