



Speedgun® Plus Handheld Moving Radar with Automatic Same Direction™

The Speedgun Plus is the only handheld radar unit available that has automatic same 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

Benefits

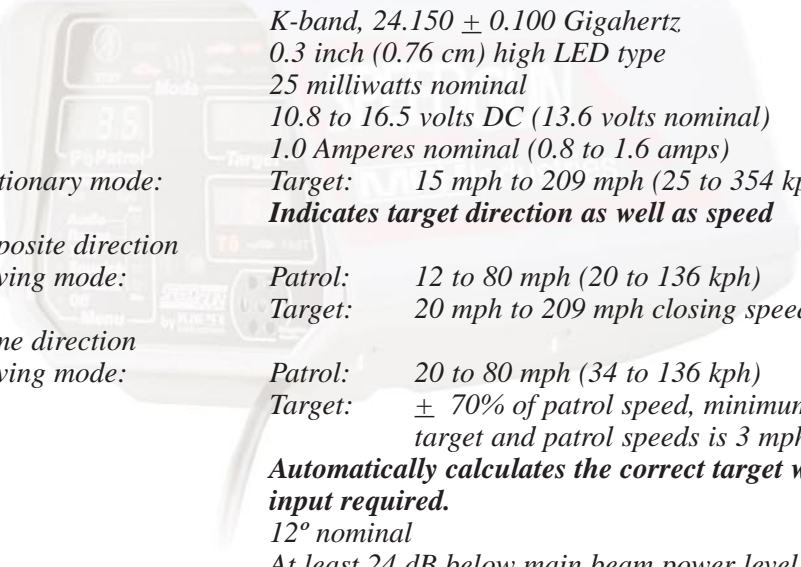
- Wireless remote serves as handle *Instantly converts from handheld use, cross-street speeders are history.*
- Each major function has a unique-feeling switch *No need to look to know what you're doing.*
- Full-size & color, high-brightness, three-window display *Track through lock, no straining to make out the numbers.*
- Fastest target mode *No more hiding in a semi's shadow.*
- Automatic Same Direction™ (ASD™) mode *Control speeding in all traffic lanes and patrol roadways where turning around isn't practical with computer-controlled accuracy.*
- Small size, air bag friendly *This radar never gets in the way.*
- Super tough Lexan® housing *Survives in the toughest environments and is weather-resistant.*
- K-band with "moving-type" beam width *Truly a dual-purpose radar.*
- Digital signal processing *Reliable, jammer-proof, maintenance free.*

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 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 judgement errors.**

High visibility, full-sized 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 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 does by. Airbag friendly size. Quick release dash bracket. Aiming sights.

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- ❖ 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: *Stationary mode: Target: 15 mph to 209 mph (25 to 354 kph)*
Indicates target direction as well as speed
Opposite direction moving mode: Patrol: 12 to 80 mph (20 to 136 kph)
Target: 20 mph to 209 mph closing speed (34 to 354 kph)
Same direction moving mode: 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)
Automatically calculates the correct target with no operator input required.
12° nominal
At least 24 dB below main beam power level
CJR-KWP-001, complies with Part 90
-30°C to +60°C
To at least 90% @ 37°C
Impact-resistant, weather-resistant, Lexan® with copper shielding
 - ❖ 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: *Main body: Length: 8 3/4 inches (22 cm)*
Width: 4 1/8 inches (10.5 cm)
Height: 3 3/4 inches (9.5 cm)
Remote control/handle: Length: 5 inches (13 cm)
Width: 3 3/4 inches (9.5 cm)
Thickness: 1 15/16 inches (5 cm)
Weight: 2 3/4 pounds (1.3 kg)

For more information or to obtain bidding specifications contact MPH at 1-888-689-9222 (fax: 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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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.