

*Simply
the Best*

MPH Radar

**Z-25™ Handheld Stationary
Traffic Radar**

The new Z-25 handheld is a more advanced stationary radar. The Z-25's POP™ feature allows the officer to monitor traffic speeds all day without setting off a single radar detector. There are two speed displays, allowing both "track-through-lock" and "fastest vehicle" readings. This second display also confirms the radar's status any time that the operating mode is changed. Activation of a mode key is confirmed by synthesized voice. The standard Z-25 package includes the radar, tuning fork, carrying case and operator's manual.



Features

Benefits

- Exclusive POP feature** *Makes radar detectors obsolete, won't set them off, even from a foot away.*
- "Fastest vehicle" mode, one-mile range** ... *Picks up violators before they see the patrol vehicle.*
- Two-window speed display** *Continue to track speeds after locking them or simultaneously track the closest and fastest targets.*
- Icon-based, voice-confirmed mode change** . *Simple and quick to use, day or night.*
- Meets all NHTSA/IACP specifications** *Have confidence in every speed measured.*
- Polycarbonate housing** *Tough, very durable, use in any conditions.*
- Also available battery-powered (Model Z-35™)** *Ask your MPH representative for details.*

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.

Z-25™ Handheld Stationary Traffic Radar

Specifications

General: The Z-25 is a handheld Doppler radar intended for speed measurement purposes. It is housed in a polycarbonate case giving long life, durability and light weight. Two speed displays allow "track through lock" or simultaneous "strongest" and "fastest" target tracking. The exclusive POP™ feature permits target speed detection without alerting drivers who use radar detectors. Mode changes are selected via international icon symbology and are confirmed by synthesized voice. Special, super-efficient circuits keep power consumption to a minimum resulting in negligible drain on vehicle battery power.

Operating frequency:	24.125 +/- 0.100 Gigahertz (K Band)
Target speed range:	10 - 160 mph (optional 16-270 kph)
Target speed displays:	two three-digit displays for "track-through-lock", or "strongest" plus "fastest" vehicles
Speed accuracy:	+/-1 mph (+/- 1kph)
Range:	1 mile (1.6 km) typical for average size vehicle
Input voltage:	10.8 - 16.5 Volts DC (13.6 Volts nominal)
Input current:	.75 Amps max.
Microwave source:	Gunn-effect diode
Transmitted power/density:	25 milliwatts nominal/less than 2 milliwatts per cm ² at 5cm
Antenna beam width:	12 degrees nominal
Antenna side lobes:	at least 24 dB below main beam power
FCC type acceptance:	complies with FCC Part 90
Mixer diode:	low-noise Schottky barrier type, rated for 100 mW
Operating temperature:	-22° to 140° F (-30° to +60° C)
Options:	RS 232 computer data port for connecting to a video system, computer, or Speed Monitor™; speeds in kilometers per hour available
Size:	Height: 8 in.(20cm); 4 in.(10cm) excl. handle Width: 4 in. (10 cm) Length: 8 in. (20cm)
Weight:	2.1 pounds (1 kg)
Controls and Features:	POP Mode, Fastest Vehicle Mode, Range Control, RFI and Low Voltage Alerts, Audio Volume and Squelch Control, Dual-crystal Internal Test and Segment Check

Your MPH Representative is:

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



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