



"You're On Our Radar"

Z-45 Handheld Radar

POLICE RADAR • POLICE LASERS • SURVEY LASERS • SPEED SIGNS

Durable and CE Compliant

The CE approved Z-45 has been specifically designed for the EU market. The Z-45 accurately measures vehicle speeds and provides the user a valuable asset in reducing speeds and accidents.

Transport organizations can reap significant benefits from a reduction in vehicle speed on and around their premises. The Z-45 is ideal for use in traffic surveys, ports, distribution centers, industry, quarries, bus depots, and more.

Two speed displays allow both "track-through-lock" and "fastest vehicle" readings. The standard Z-45 package includes the radar, tuning fork and operator's manual. Available in 12V DC corded and battery-powered versions.



Features

Benefits

Advanced patch antenna

Reduces weight and lowers power consumption.

Fastest vehicle mode, long range

See violators before they see you.

Two window speed display

Continue to track after locking speeds, or track the closest and fastest targets.

Icon-based, voice-confirmed mode change

Simple and quick to use, day or night.

Meets European specifications

Have confidence in the accuracy of measured speeds.

Aluminum housing

Tough, durable for long-life in demanding conditions.

Available in corded or battery-powered versions

Ask your MPH representative for details.

- Operating Frequency: 24.150 ± 0.100 GHz (K-band)
- Target Speed Range: 11 - 240 kph (mph measurement optional)
- Target Speed Displays: 2 three-digit displays for track-through-lock or strongest/fastest vehicles
- Speed Accuracy: ± 2 kph
- Range: 1 km typical for average size vehicle
- Input Voltage: 10.8 - 16.5 V DC (13.6 V nominal)
- Input Current: 0.1 Amps (maximum)
- Microwave Source: Gunn-effect diode
- Transmitted Power: 100 mW EIRP maximum
- Antenna Beam Width: 12 inches - horizontal nominal
- Antenna Side Lobes: At least 20 dB below main beam power level
- Acceptance: Complies with ETSI EN 300 440
- Mixer Diode: Low noise Schottky barrier
- Operating Temperature: -30 to 60°C (-22 to 140°F)
- Options: RS-232 data port
- Dimensions: H: 20 cm overall | W: 9 cm | L: 15 cm
- Weight: 0.9 kg
- Controls & Features: Fastest vehicle mode, range control, RFI and low voltage alerts, audio volume and squelch control, dual crystal internal test and segment check.



The Z-45 is manufactured in our Owensboro, KY facility and is in compliance with the BUY AMERICA ACT.

For more information or official documentation, contact us at www.mphindustries.com

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