

PMD 10 & 12

Portable RADAR Displays



These lightweight, highly visible, portable RADAR speed displays enhance driver awareness and are ideal for community relations.

Highly Visible, Full Featured

- 10" or 12" high intensity amber LED digits
- Flashing digit violator alert
- Traffic Data included
- Red-Blue light bar violator alert included
- White LED strobe violator alert included
- Interchangeable MUTCD signs:
Your Speed (included); School Zone, Work Zone, and Speed Limit (optional)
- Digital posted speed limit mode
- Programmable calendar up to 5 years

Lightweight and Portable

- Easily installed and moved by one person
- Weighing less than 20 lbs (9.1 Kg)
- Rugged aluminum construction
- Easy relocation from site to site
- Secure, lockable mount
- Sign post and utility pole mount hardware
- IP56 weather resistant
- EN 12966-1 compliant

Long Run Time

- Rechargeable battery delivers typical 5 to 7 day run time (depending on traffic density)
- Kustom Signals low power K-band RADAR
- Optional 50W solar panel
- Optional AC power configuration

Easy Programming

- Simple manual push button and low power wireless programming included
- Android & PC app make setup easy
- Easy download of traffic data

Configuration and specification subject to change



Easy deployment



Low power wireless compatible



Low power consumption



Highly visible



Speed awareness



RADAR accuracy



Theft prevention



Durable



Traffic data

Highly visible

Lightweight & portable

Saves lives

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More than 30% of fatalities are due to excessive speed. Now you have a better tool to save lives. (Source: NHTSA)

Features

- Kustom Signals low power K-band RADAR
- Latest generation high intensity Amber LEDs
- Automatic intensity adjustment to ambient light
- High/Low speed blanking
- Covert data collection selectable
- Variable speed limit display
- Sign post and strap mounting kits included

Mechanical Information

- Lockable mount
- Case dimensions: 17.7 x 17.3 x 9.8" (45 x 44 x 25 cm)

Specifications

- Lockable mount
- Case dimensions: 17.7" x 17.3" (45 x 44cm)
- Character height: 10" (25cm) & 12" (35cm)
- Weight with battery: 20 lbs. (9 kg)
- Nominal voltage: 12 VDC
- AC power option: Universal 100 to 240 VAC 50/60 Hz
- Max power consumption: 15W
- RADAR: Kustom Signals Directional K-band 24.125 GHz
- Communications interface: RS-232 (internal and low energy wireless)
- Optional characteristics: Pixel distance 0.8" (20mm) ±10%
- Environmental: EN 12966-1 and IP-56 (IEC/EN 60529)
- Input/Output: RS232, low powered wireless
- Regulatory: EN 12966-1:2005+A1:2009
FCC Type 15 FCC (DRU-III)
FCC Identifier IVQDRU-III
- Temperature range: -40°F to +140°F (-40°C to +60°C)
- Humidity: up to 100%

Options

- Spare 24 Ah Lithium-ion battery
- MUTCD signs: WORK ZONE, SCHOOL ZONE, SPEED LIMIT
- 50W solar with 12VDC lead acid battery (optional)
- Android tablet with Kustom Console App
- AC power 100 to 240 VAC 50/60 Hz

Environmental Data

- Temperature range: -40°F to +140°F (-40°C to +60°C)
- Humidity: up to 100%
- Mechanical protection: P3 (EN 12966-1);
- Environment: IP56 (IEC / EN 60529)

PMD 10 - Portable 10" Amber LED display with flashing digit, Red/Blue lightbar, and white strobe violator alerts, ambient light sensor, Bluetooth, 24 Ah rechargeable battery, AC charger, MUTCD compliant "YOUR SPEED" sign, and Kustom Console Android app with traffic data.
PMD 12 - Portable 12" Amber LED display with flashing digit, Red/Blue lightbar, and white strobe violator alerts, ambient light sensor, Bluetooth, 24 Ah rechargeable battery, AC charger, MUTCD compliant "YOUR SPEED" sign, and Kustom Console Android app with traffic data.
PMD 10 with Solar - 10" Amber LED display with flashing digit, Red/Blue lightbar, and white strobe violator alerts, ambient light sensor, Bluetooth, 50W solar panel, 26 Ah sealed lead acid battery with external enclosure and mounts, MUTCD compliant "YOUR SPEED" sign, and Kustom Console Android app with traffic data.
PMD 12 with Solar - 12" Amber LED display with flashing digit, Red/Blue lightbar, and white strobe violator alerts, ambient light sensor, Bluetooth, 50W solar panel, 26 Ah sealed lead acid battery with external enclosure and mounts, MUTCD compliant "YOUR SPEED" sign, and Kustom Console Android app with traffic data.
PMD 12 with AC Power - 12" Amber LED display with 110/220 VAC 50/60 Hz. Includes flashing digit, Red/Blue lightbar, and white strobe violator alerts, ambient light sensor, Bluetooth, MUTCD compliant "YOUR SPEED" sign, and Kustom Console Android app with traffic data.