



1stRadarDetectors

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Best in Test
Radar, Laser & Photo
Countermeasures

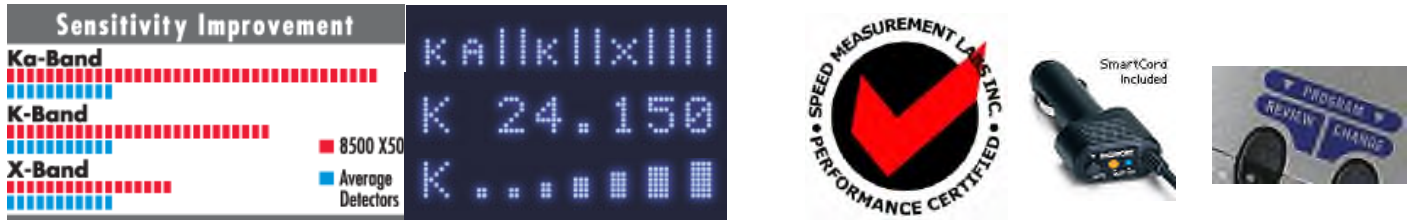


The **Passport 8500 x50 Radar Detector** is an excellent, high performance, windshield mounted radar detector with excellent detection of X, K, Ka, Photo radar, POP 3 K and Ka radar + laser. It is 100% invisible to VG2, excellent at resisting Spectre II and Spectre III RDD (radar detector detectors). Front detection from the windshield is provided with blue display, power on/off, audio and visual alerts. The X50 detects laser, but does not jam laser. **Combine the X50 with the Blinder X-Treme Laser Jammer (M25 or M45) for superb laser protection.** ★★★★★

Radar Range: The Passport 8500 X50's new "Varactor Tuned" radar receiver provides extreme detection range on police radar; conventional and "instant-on" radar, including the new POP3 mode radar threat, X-Band, and up to 50% more range than the original Passport 8500 on the all-important K and Ka bands. Digital Signal Processing (DSP) provides maximum range, with minimum false alarms.

Optional Blue Display

Extremely Quiet: Passport 8500 X50's patented AutoSensitivity™ mode intelligently distinguishes real threats from other known sources of radar - virtually eliminating false alarms. Conventional Highway and City modes are also provided.



New High-Performance Laser Protection: Passport 8500 X50's multiple high-performance laser sensors provide maximum police radar (lidar) warning, with superior off-axis protection.

3 High-Resolution Meter Modes: The Passport 8500 X50 provides 3 types of meter displays: standard bar graph, exclusive ExpertMeter™, and our new SpecDisplay™. In ExpertMeter™ mode the Passport 8500 X50 can identify band and relative signal strength on up to radar 8 signals simultaneously. Or, choose our new SpecDisplay™ and Passport 8500 X50 will show you the actual frequency of the radar signal.

New Reprogrammable Microprocessor: Passport 8500 X50's on-board computer can be reprogrammed to detect new radar and laser threats, making it a solid investment.

New Advanced EZ-Programming: Passport 8500 X50 is ready to use right out of the box. However, you can also instantly customize it for your unique driving preferences. Programmable options include Power-On indication, Meter type, AutoMute, Brightness level (including full dark mode), two levels of Audio tones, and selectable radar and laser bands. Simply hold both buttons to enter the Program Mode, and quickly review or change your settings. (Your preferred settings are maintained in memory, even when the Passport 8500 X50 is turned off or unplugged.)

Mute and AutoMute: Patented Mute and AutoMute eliminate annoyances from long radar encounters.

3 Levels of Brightness Control: Choose between Dim, Medium, or Max brightness levels, or full dark mode for discreet night driving.

Ultra-Bright Blue Matrix Display: Passport 8500 X50's matrix display uses 280 individual ultra-bright LEDs to provide crystal-clear band and signal strength indication, plus text messages for programming. Passport 8500 X50 provides a new brilliant blue display.

Comes Fully Equipped: Passport 8500 X50 comes complete with a comprehensive owner's manual, quick-release windshield mount, built-in earphone jack, a coiled SmartCord quick reference card and an Escort travel case.



Rated #1, 360° High Performance, PRS1-STiR-360™ Prowler Remote™ System

PROWLER Remote, PRS1-STiR-360, PRS1-V-360, PRS2-V, PRS2-STiR, PRS3-V, PRS4-V, PRS4-STi, Got Performance are trademarks of 1stRadarDetectors. All rights reserved. Copyright 1999-2009.

Got Performance™



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Features and Specifications

Operating Bands

- * X-band 10.525 GHz ± 25 MHz
- * K-band 24.150 GHz ± 100 MHz
- * Ka-band 34.700 GHz ± 1300 MHz
- * Laser 904nm, 33 MHz Bandwidth

Radar Receiver / Detector Type

- * Superheterodyne, Varactor-Tuned VCO
- * Scanning Frequency Discriminator
- * Digital Signal Processing (DSP)

Laser Detection

- * Quantum Limited Video Receiver
- * Multiple High-Performance Laser Sensors

Display Type

- * AlGaAs 280 LED Matrix/Text, Blue
- * Bar Graph, ExpertMeter™, or SpecDisplay™
- * 3-Level Dimming, plus Dark Mode

Power Requirement

- * 12VDC, Negative Ground
- * SmartCord MuteDisplay™ Included

Programmable Features

- * Power-On Indication
- * Power-On Sequence
- * Signal Strength Meter
- * AutoMute
- * Audio Tones
- * City Mode Sensitivity
- * Display Brightness
- * Dark Mode
- * Radar / Laser Bands

Sensitivity Control

- * AutoSensitivity, Highway, and City

Mute and AutoMute

Auto Calibration Circuitry

SmartShield® VG-2 Immunity

Compact Size

- * 1.25" H x 2.85" W x 5.32" L

Passport 8500 X50 detector package

Overview of EZ-Programming

Press the REVIEW button to go from one category to the next		Press the CHANGE button to change your setting within a category
PILOT LIGHT (Power-on indication)	Pilot HWY Pilot H Pilot H.> Pilot + Pilot +.> Pilot +> Pilot U	* Full word: Highway or Auto or City Letter: H or A or C Letter, with scanning dot Symbol: + or • or - Symbol, with scanning dot Scanning symbol Vehicle voltage
POWER-ON SEQUENCE	Pwr-On STD Pwr-On FST	* Standard power-on sequence Fast power-on sequence
SIGNAL STRENGTH METER	Meter STD Meter EXP Meter SPC	* Standard signal strength meter Expert Meter SpecDisplay
AUTOMUTE	aMute ON aMute OFF	* AutoMute on AutoMute off
AUDIOTONES	Tone STD Tone LOUD	* Standard tones Loud tones
CITY MODE SENSITIVITY	City STD City LoX City NoX	* Standard City mode sensitivity Low X band sensitivity in City Mode No X band sensitivity in City Mode
BRIGHTNESS	Brt. LAST Brt. MIN Brt. MED Brt. MAX Brt. DARK	* Last brightness used Minimum brightness when turned on Medium brightness when turned on Maximum brightness when turned on Dark Mode when Passport turned on
DARK MODE	DARK STD DARK ALL	* Standard Dark: shows HD, AD, CD All Dark, no display
BANDS	Bands DFT Bands MOD	* Factory default settings Factory default settings modified

* Factory Default Settings
To reset Passport to its original factory settings, press and hold the "CITY," "DIM," and "MUTE" buttons while turning the power on. Passport's display will provide a "Reset" message, accompanied by an audible alert, acknowledging the reset.

Turn bands "ON" or "OFF" by pressing the Mute button

X	ON	or	OFF (default is on)
K	ON	or	OFF (default is on)
Ka	ON	or	OFF (default is on)
POP	ON	or	OFF (default is off)
LSR	ON	or	OFF (default is on)



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