

ESCORT®



PASSPORT® 8500

X50



X50



Owner's Manual

R A D A R • L A S E R • D E T E C T O R

Congratulations

You've purchased the PASSPORT 8500 X50, which is the most advanced high-performance radar and laser detector on the market.

The 8500 X50 provides extreme long-range warning on all radar bands including X, K, superwide Ka, and instant-on POP mode. Multiple front and rear laser sensors provide 360 degree laser protection, including the widest field of view. For the ultimate in laser protection, the PASSPORT 8500 X50 is ZR4 ready. Ask your retailer, or call us at 1-800-543-1608 for details.

Our patented Digital Signal Processing (DSP) provides extreme radar range with minimal false alarms. Patented Mute and AutoMute circuits keep the PASSPORT 8500 X50 quiet in even the most populated areas.

In addition, the PASSPORT 8500 X50 introduces the following state-of-the-art performance and features:

- Extreme long-range K and Ka-band radar performance, including instant-on POP mode
- Advanced EZ-Programming lets you customize up to 9 features
- Exclusive AutoSensitivity intelligently filters out annoying false alarms, plus Highway and City settings
- Ultra-bright alphanumeric display with 280 LED's

- Exclusive ExpertMeter tracks and displays up to 8 radar signals simultaneously
- Exclusive SpecDisplay provides actual numeric frequency for any radar signal
- Programmable radar bands (on/off) allow you to customize which radar bands are monitored
- Includes exclusive SmartCord for easy access to remote mute button

If you've used a radar detector before, a review of the Quick Reference Guide on pages 4 and 5, and the EZ-Programming information on pages 12 and 13 will briefly explain the new features.

If this is your first detector, please read the manual in detail to get the most out of your PASSPORT's outstanding performance and innovative features.

Please drive safely.

FCC Note:

Modifications not expressly approved by the manufacturer could void the user's FCC granted authority to operate the equipment.



Remove card along perforations

Quick Reference Card

Remove card along perforations

PASSPORT 8500 X50 Quick Reference Card

There are 9 user-selectable options so you can customize your PASSPORT 8500 X50 for your own preferences.

The buttons labeled CITY and DIM are also used to enter the Program Mode, REVIEW your current program settings, and to CHANGE any settings as desired. The words PROGRAM, REVIEW, and CHANGE are located on the top of the detector, and are highlighted in blue graphics.

How to use EZ-Programming

1 To enter Program Mode, press and hold both top buttons down for 2 seconds. The unit will beep twice, and will display the word **Program**.

2 Then press the REVIEW button to review the current settings. You can either tap the button to change from item to item, or hold the button to scroll through the items.

3 Press the CHANGE button to change any setting. You can either tap the button to change from setting to setting, or hold the button to scroll through all the options.

4 To leave Program Mode, simply wait 8 seconds without pressing any button. The unit will display **Complete**, beep 4 times, and return to normal operation.

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.

An example

Here is how you would turn PASSPORT's AutoMute feature off.

1 Enter the Program Mode by holding both the city and dim buttons down for 2 seconds. PASSPORT will beep twice and display **Program**.

2 Then hold the REVIEW button down. PASSPORT will scroll through the categories, starting with Pilot Light (**Pilot**), then Power-on sequence (**PowerOn**), then Signal strength meter (**Meter**), and then AutoMute (**aMute**).

3 Release the REVIEW button when PASSPORT shows the AutoMute item. Since the factory setting is for AutoMute to be on, PASSPORT will display **aMute ON**.

If you accidentally don't release the Review button in time, and PASSPORT goes to the next category, hold the Review button down again, and after PASSPORT scrolls through all categories, it will begin again at the top of the list.

4 Press the CHANGE button to change from **aMute ON** to **aMute OFF**.

5 To complete the Programming, simply wait 8 seconds without pressing any button. PASSPORT will display **Complete**, beep 4 times, and return to normal operation.

EZ-Programming Details

Quick Reference Card



▼ Remove card along perforations ▼

PASSPORT 8500 X50 Quick Reference Card

Press the **REVIEW** button
to go from one category
to the next

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

PwrOn STD
PwrOn 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

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)
TSR ON or OFF (default is on)

▼ Remove card along perforations ▼

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Quick Reference Guide

To begin using your PASSPORT, just follow these simple steps

- 1 Plug the small end of the power cord into the side jack of the detector, and plug the large end of the power cord into your car's lighter socket.
- 2 Mount your PASSPORT on the windshield using the supplied windshield mount.
- 3 Rotate the volume thumbwheel on PASSPORT's left side to turn PASSPORT on and adjust the volume.

Please read the manual to fully understand PASSPORT's operation and features.

EasyMount Slot

Insert PASSPORT's adjustable Windshield mount into this slot. *Page 7*

Rear Laser Port

Receives laser signals from behind the vehicle.

EasyMount Button

Press the button, and slide the Windshield Mount into one of its four locking positions. *Page 7*

City Button

Switches between AutoSensitivity, City, and Highway settings. In general, we recommend the Auto mode. *Page 8*

Power/Volume Control

Rotate the thumbwheel to turn PASSPORT on and set the volume. *Page 8*

AutoMute

PASSPORT's patented AutoMute automatically reduces the volume level of the audio alert after a brief period. If you prefer, you can turn AutoMute off. *Page 8*

Radar Antenna and Laser Lens

The rear panel of your PASSPORT should have a clear view of the road ahead. For best performance, do not mount PASSPORT directly behind windshield wipers or tinted areas. *Page 6*

Earphone Jack

Accepts standard 3.5mm mono earphone.

Power Jack

Plug the SmartCord into this connector. *Page 6*

Dim Button

Press to adjust display brightness. There are three brightness settings, plus Dark Mode.

In the Dark Mode, the power-on indication will be changed to a dim "AD," "HD," or "CD" (indicating Auto, Highway, or City Dark). In the Dark Mode, PASSPORT's meter will not display during an alert, only the audio will alert you. *Page 9*

Mute Button

Briefly press this button (next to the display) to silence the audio for a specific alert. (The audio will alert you to the next encounter.) *Page 8*

Alphanumeric Display

PASSPORT's display will show Highway, Auto, or City as its power-on indication. If you prefer, you can choose other power-on indications. *Page 12-14*

During an alert, the display will indicate radar band, and a precise bar graph of signal strength. *Page 10*

NOTE: In the Dark Mode the display will not light during an alert.
Page 9

EZ-Programming

PASSPORT is ready to go, just plug it in and turn it on. But you can also easily change 9 features for your preferences. *Page 12-16*

Installation

Power Connection

To power PASSPORT, plug the small end of the SmartCord, (telephone-type connector) into the modular jack on PASSPORT's right side, and plug the lighter plug adapter into your vehicle's lighter socket or accessory socket.

PASSPORT operates on 12 volts DC, negative ground only. The lighter plug provided is a standard size and will work in most vehicles. However, some vehicles may require our optional sleeve to ensure a snug fit. If so, simply call or visit our website. Of course, your lighter socket must be clean and properly connected for proper operation.

NOTE: Depending on your vehicle, the lighter socket power may either be continuously on, or it may be switched on and off with your ignition switch.

Optional power cords

See the Accessories section for details on our optional Direct-wire SmartCord.

Mounting Location

WARNING: ESCORT cannot anticipate the many ways PASSPORT can be mounted. It is important that you mount PASSPORT where it will not impair your view nor present a hazard in case of an accident.

Where to mount PASSPORT

For optimum detection performance, we recommend the following:

- Using the Windshield Mount, mount your PASSPORT level, and high enough on your front windshield to provide a clear view of the road from the front and rear.
- Mount PASSPORT away from windshield wipers, other solid objects, and heavily tinted areas that might obstruct the radar antenna or laser lens.

Windshield Mount

Windshield Mount

PASSPORT's EasyMount windshield bracket is designed for unobtrusive and hassle-free mounting.

1 Depress the adjustment button on the top of PASSPORT (by the word ESCORT) and slide the EasyMount bracket into the slot until it is locked into the position which best fits the angle of your windshield (there are four settings available). For extremely horizontal or extremely sloped windshields, the EasyMount bracket can be bent.

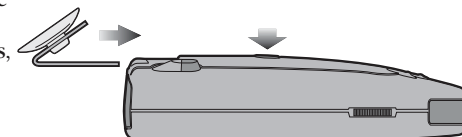
To ensure that the suction cups adhere to the windshield firmly, be sure to keep both your windshield and the suction cups clean.

2 To adjust PASSPORT on your windshield, use the EasyMount adjustment button located on the top of the PASSPORT, and slide PASSPORT forward or backward to obtain a level horizontal position.

When installed and adjusted properly, the back top edge of PASSPORT should rest solidly against your windshield.

Caution!

A few vehicles (including some Porsches) have windshields with a soft anti-lacerative coating on the inside surface. Use of suction cups will permanently mar this coating. Consult your dealership or the vehicle owner's manual to determine if your windshield has this coating.



User's Tip

You can leave the EasyMount bracket in place on your windshield, and easily remove PASSPORT by pressing the adjustment button and sliding PASSPORT off the mount. Again, be sure to position the bracket where it won't present a hazard in the event of an accident. Additional mounts are available.

Controls and Features

Power and Volume Control

To turn PASSPORT on and adjust the alert tone volume level, rotate the thumbwheel on PASSPORT's left side. Turn the control away from you to increase the audio volume. When you turn PASSPORT on, it goes through a sequence of alerts.

If you prefer, you may program your PASSPORT for a shorter power-on sequence. See the EZ-Programming section for details.

Power-on indication

After PASSPORT's start-up sequence is complete, the alphanumeric display will show Highway, City, or Auto to indicate which sensitivity mode is selected.

If you prefer, you can select alternate power-on displays. See the EZ-Programming section for details.

AutoMute

Your PASSPORT has our patented AutoMute feature. After PASSPORT alerts you to a radar encounter at the volume you have selected, the AutoMute feature will automatically reduce the volume to a lower level. This keeps you informed without the annoyance of a continuous full-volume alert.

If you prefer, you can turn the AutoMute feature off. See the EZ-Programming section for details.

Mute

The Mute button, located on PASSPORT's front panel and SmartCord, allows you to silence the audio alert during a radar encounter.

To mute the audio for a single specific signal, briefly press the Mute button. After that radar encounter has passed, the mute will automatically reset and the audio will alert you to the next encounter.

Auto / Highway / City Switch

The City button selects PASSPORT's sensitivity mode. We recommend the Auto (AutoSensitivity) mode for most driving.

PASSPORT's AutoSensitivity mode provides long-range warning, with minimum false alarms. In this mode, PASSPORT's internal computer continuously analyzes all incoming signals and intelligently adjusts the sensitivity circuits.

You can also select conventional Highway and City modes. When driving in urban areas where annoying X-band intrusion alarms and door openers are common, City mode can be engaged to lower X-band sensitivity and reduce X-band alerts. Full sensitivity is maintained on all other bands. You can customize PASSPORT's City mode sensitivity. See the EZ-Programming section for details.

Dim / Dark Switch

PASSPORT's Dim button selects the brightness of PASSPORT's display. There are four settings: Maximum, Medium, Minimum, and Dark. Press the Dim button to select your preferred brightness.

If you prefer, you can have PASSPORT always turn on at a specific brightness. See the EZ-Programming section for details.

Dark Mode

When you select the Dark mode with the Dim switch, PASSPORT changes to a very inconspicuous power-on indication: a very dim AD, HD, or CD. (In this display, the A, H, or C indicates Auto, Highway, or City, and the D indicates Dark.)

When PASSPORT is in the Dark mode, the display will not show visual alerts when PASSPORT detects signals. Only the audible alert will tell you of detected signals.

If you prefer, you can have PASSPORT's display totally dark, (see the EZ-Programming section) and use the visual alerts on the SmartCord.

Audible Alerts

For Radar signals:

PASSPORT uses a Geiger-counter-like sound to indicate the signal strength and type of radar signal being encountered.

When you encounter radar, a distinct audible alert will sound and occur faster as the signal gets stronger. When the signal is very strong, the audible alerts will blend into a solid tone. This allows you to judge the distance from the signal source without taking your eyes from the road.

Each band has a distinct tone for easy identification.

X-band = beep tone

K-band = raspy brap tone

Ka-band = double-brap tone

POP = solid brap tone

For Laser and POP signals:

Since laser and POP signals are a possible threat no matter how weak, PASSPORT alerts you to these signals with a full alert.

Controls and Features

Power Connector

PASSPORT's power jack uses a telephone-type connector. This 4-conductor connector only works with the included coiled SmartCord, or the optional Direct-wire SmartCord.

The coiled SmartCord is a special power cord that has a power-on indicator (which only lights up when the 8500 is turned on), a bright alert light that warns of radar or laser, and a convenient mute button right on the plug. It's perfect for any car where reaching the detector's mute button on the windshield is a stretch. For discreet night driving, put PASSPORT in the Dark mode, and use the SmartCord for your visual alerts. Other drivers won't know you have a detector.

An optional Direct-wire SmartCord is also available. This version includes a small display module, which can be wired directly into your electrical system, with a 10 foot straight cord to route to your PASSPORT.

For more information or to order, call us toll-free at 1-800-433-3487.

Signal Strength Meter

PASSPORT's alphanumeric display consists of 280 individual LEDs, to provide an intuitive ultra-bright display of signal strength and text messages.

PASSPORT's standard bar-graph signal strength meter only displays information on a single radar signal. If there are multiple

signals present, PASSPORT's internal computer determines which is the most important threat to show on the bar-graph meter.

When PASSPORT detects radar, it displays the band (X, K, or Ka), and a precise bar graph of the signal strength. When PASSPORT detects a laser signal, the display will show "LASER."

NOTE: If you are operating PASSPORT in the Dark mode, the display will not light when a signal is detected—only the audio, and the flashing alert lamp on the SmartCord.

ExpertMeter

PASSPORT's ExpertMeter option is an advanced display for experienced detector users. Please use PASSPORT for a few weeks to get familiar with its other features before using ExpertMeter.

To use the ExpertMeter instead of the bar graph signal strength meter, you must select ExpertMeter in PASSPORT's EZ-Programming (see page 12-15).

PASSPORT's ExpertMeter simultaneously tracks up to 8 radar signals. It shows you detailed information on up to 2 Ka-band, 2 K-band, and 4 X-band signals.

ExpertMeter can help you spot a change in your normal driving environment; for example, a traffic radar unit being operated in an area where there are normally other signals present.

The ExpertMeter is actually a miniature spectrum analyzer. It shows what band each signal is and its signal strength.

The image shows a digital display with the text "KAII KII XIIII" where the letters are in a larger, bolder font and the numbers are in a smaller font, representing signal strength.

Above is the ExpertMeter Display if PASSPORT was detecting 2 strong Ka-band, 2 strong K-band, and 4 strong X-band signals.

As you can see, there are vertical lines after each band designator. Each line shows a signal being detected. The height of each line shows the relative signal strength of that signal.

NOTE: If you use ExpertMeter, the brief signal shown in the power-on sequence when you turn on your PASSPORT will also be in ExpertMeter: an X with a single vertical line.

A few more examples will help you better see how the ExpertMeter works.

The image shows a digital display with the text "KI XII" where the letters are in a larger, bolder font and the numbers are in a smaller font, representing signal strength.

Here ExpertMeter shows 1 strong K-band signal, and three X-band signals, two strong and one weak.

The image shows a digital display with the text "KAi Xiii" where the letters are in a larger, bolder font and the numbers are in a smaller font, representing signal strength.

Here ExpertMeter shows 1 weak Ka-band signal, and three weak X-band signals.

The image shows a digital display with the text "X" where the letter is in a larger, bolder font, representing a very weak signal.

On very weak signals, there will not be a vertical line at all. This shows a very weak X-band signal.

ExpertMeter Details

The band designators (X, K, Ka) will stay on the display for a few seconds after the signal has passed. This allows you to see what the unit detected, even on very brief signals.

However, the vertical lines representing individual signals continuously change (several times a second) to give you a continuous instantaneous view of all radar signals present.

SpecDisplay

8500 X50's new SpecDisplay option is also for the experienced detector user. In this mode, PASSPORT will display the actual numeric frequency of the radar signal being received.

The image shows a digital display with the text "K 24.150" where the letters are in a larger, bolder font and the numbers are in a smaller font, representing the frequency.

SpecDisplay shows one K-band signal at 24.150 gigahertz.

NOTE: Even long-time detector users will require a significant amount of time to get familiar with this new level of information about detected signals.

How to use EZ-Programming

There are 9 user-selectable options so you can customize your 8500 X50 for your own preferences. The buttons labeled CITY and DIM are also used to enter the Program Mode, REVIEW your current program settings, and to CHANGE any settings as desired. The words PROGRAM, REVIEW, and CHANGE are located on the top of the detector, and are highlighted in dark blue graphics. Pages 14-16 explain each option in more detail.

How to use EZ-Programming

- 1 To enter Program Mode, press and hold both top buttons down for 2 seconds.** The unit will beep twice, and will display the word Program.
- 2 Then press the REVIEW button to review the current settings.** You can either tap the button to change from item to item, or hold the button to scroll through the items.
- 3 Press the CHANGE button to change any setting.** You can either tap the button to change from setting to setting, or hold the button to scroll through all the options.
- 4 To leave the Program Mode, simply wait 8 seconds without pressing any button.** The unit will display Complete, beep 4 times, and return to normal operation.

An example

Here is how you would turn PASSPORT's AutoMute feature off.

- Enter the Program Mode by holding both the city and dim buttons down for 2 seconds. *PASSPORT will beep twice and display Program.*
- Then hold the REVIEW button down. *PASSPORT will scroll through the categories, starting with Pilot Light (Pilot), then Power-on sequence (PwrOn), then Signal strength meter (Meter), and then AutoMute (aMute).*
- Release the REVIEW button when PASSPORT shows the AutoMute item. *Since the factory setting is for AutoMute to be on, PASSPORT will display aMute ON.*
If you accidentally don't release the Review button in time, and PASSPORT goes to the next category, hold the Review button down again, and after PASSPORT scrolls through all categories, it will begin again at the top of the list.
- Press the CHANGE button to change from aMute ON to aMute OFF.
- To complete the Programming, simply wait 8 seconds without pressing any button. *PASSPORT will display Complete, beep 4 times, and return to normal operation.*

Overview of EZ-Programming

Press the **REVIEW** button to go from one category to the next

PILOT LIGHT
(Power-on indication)

Pilot HWY
Pilot H
Pilot H. >
Pilot +
Pilot +. >
Pilot +>
Pilot U

POWER-ON SEQUENCE

PwrOn STD
PwrOn FST

SIGNAL STRENGTH METER

Meter STD
Meter EXP
Meter SPC

AUTOMUTE

aMute ON
aMute OFF

AUDIOTONES

Tone STD
Tone LOUD

CITY MODE SENSITIVITY

City STD
City LoX
City NoX

BRIGHTNESS

Br t LAST
Br t MIN
Br t MED
Br t MAX
Br t DARK

DARK MODE

DARK STD
DARK ALL

BANDS

Bands DFT
Bands MOD

Press the **CHANGE** button to change your setting within a category

* 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

* Standard power-on sequence
Fast power-on sequence

* Standard signal strength meter
Expert Meter
SpecDisplay

* AutoMute on
AutoMute off

* Standard tones
Loud tones

* Standard City mode sensitivity
Low X band sensitivity in City Mode
No X band sensitivity in City Mode

* Last brightness used
Minimum brightness when turned on
Medium brightness when turned on
Maximum brightness when turned on
Dark Mode when PASSPORT turned on

* Standard Dark: shows HD, AD, CD
All Dark, no display

* 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)
TSR ON or OFF (default is on)

Details of EZ-Programming

Pilot Light (Power-on indication)

NOTE: When you are using the Dark mode, the display will only show HD, AD, or CD, (Highway-Dark, Auto-Dark, or City-Dark).

PilotHwY (Full description)

In this setting, PASSPORT will display “Highway,” “City,” or “Auto” as its power-on indication. (factory default)

Pilot H (Letter)

In this setting, PASSPORT will display “H” for Highway, “C” for City, and “A” for Auto.

Pilot H.> (Letter with scanning dot)

In this setting, PASSPORT will display “H” for Highway, “C” for City, and “A” for Auto. Also, a single dot will continuously scroll across the display.

Pilot+ (Symbol)

In this setting, PASSPORT will display “+” for Highway, “.” for Auto, and “-” for City.

Pilot+.> (Symbol with scanning dot)

In this setting, PASSPORT will display “+” for Highway, “.” for Auto, and “-” for City. Also, a single dot will continuously scroll across the display.

Pilot+> (Scanning symbol)

In this setting, PASSPORT will display “+” for Highway, “.” for Auto, and “-” for City. Each will continuously scroll across the display.

Pilot V (Vehicle voltage)

In this setting, PASSPORT will continually display “H” for Highway, “C” for City, and “A” for Auto, and the vehicle’s voltage. If the vehicle’s voltage drops below 10.5 volts, a low voltage warning is displayed, followed by an audible alert. A high voltage warning is also given if the voltage goes above 16.5 volts. The high-voltage warning is also followed by an audible alert.

Power-on Sequence

PwrOnSTD (Standard)

In this setting, each time you turn PASSPORT on it will display “Passport,” “8500 X50,” “LASER,” “Ka-band,” “K-band,” “X-band,” followed by a brief X-band alert. (factory default) If any bands have been disabled, a double X-band tone and corresponding message (i.e. “X OFF”), will alert you that one or more bands have been turned off.

PwrOnFST (Fast power-on)

In this setting, PASSPORT will provide a single X-band tone if all bands are enabled. If any bands have been disabled, a double X-band tone and corresponding message (i.e. “X OFF”), will alert you that one or more bands have been turned off.

Signal Strength Meter

MeterSTD (Standard meter)

In this setting, the meter displays the band of the received signal, and a bar graph shows the relative signal strength. (factory default)

MeterEXP (ExpertMeter)

In this setting, the meter simultaneously tracks multiple radar signals. It can display up to 2 Ka band, 2 K band, and 4 X band signals at the same time.

NOTE: The ExpertMeter feature is explained in more detail on pages 10-11.

MeterSPC (SpecDisplay meter)

In this setting, the meter displays the actual numeric frequency of the radar signal received.

NOTE: The SpecDisplay feature is explained in more detail on page 11.

AutoMute

aMute ON (AutoMute on)

In this setting, PASSPORT’s audio alerts will initially be at the volume you set, but after a few seconds, PASSPORT will automatically reduce the volume level, to keep you informed, but not annoyed. (factory default)

aMuteOFF (AutoMute off)

With AutoMute off, PASSPORT’s audio alerts will remain at the volume you set for the duration of the radar encounter.

Audio Tones

Tone STD (Standard tones)

This setting uses more pleasing tones. (factory default)

ToneLOUD (Loud tones)

This setting uses tones that are more piercing. This setting is recommended for louder vehicles.

City Mode Sensitivity

City STD (Standard)

In this setting, when you put PASSPORT in the City mode, X-band sensitivity is significantly reduced, to reduce annoyance from X-band intrusion alarms and motion sensors. (factory default)

City LoX (Low X band sensitivity)

In this setting, when you put PASSPORT in the City mode, X-band sensitivity is reduced more than the standard setting. This will reduce X band alarms from other sources even further, but also significantly reduces range to X band traffic radar.

City NoX (No X band sensitivity)

In this setting, when you put PASSPORT in the City mode, PASSPORT will not respond to any X band signals.

WARNING: Only choose this setting if you are absolutely certain that there are no X band traffic radar units where you drive.

NOTE: These settings only apply when PASSPORT is operated in City mode. X-band sensitivity is not affected when used in “Auto,” or “Highway” modes.

Details of EZ-Programming

Brightness

Brt LAST (last)

In this setting, when you turn on PASSPORT, the display will be the last brightness you had selected during operation with the dim button. (factory default)

Brt MIN (minimum)

In this setting, each time you turn on PASSPORT, the display will be at the lowest brightness.

Brt MED (medium)

In this setting, each time you turn on PASSPORT, the display will be at the medium brightness.

Brt MAX (maximum)

In this setting, each time you turn on PASSPORT, the display will be at the maximum brightness.

Brt DARK (dark)

In this setting, each time you turn on PASSPORT, the display will be in the dark mode. This is recommended only when using PASSPORT's SmartCord so you have a visual indication to confirm that PASSPORT is operational.

Dark Mode

Dark STD (standard)

In this setting, when you select the dark

mode, the only display will be a very dim HD, AD, or CD, indicating Highway-Dark, Auto-Dark, or City-Dark). (factory default)

Dark ALL (all)

In this setting, when you select the dark mode using the dim button, PASSPORT's display will be totally dark, without even displaying any power-on indication. In this setting, PASSPORT's SmartCord will provide the only visual indication to confirm that PASSPORT is operational.

Bands

BandsDFT

In this setting all radar and laser frequencies, (with the exception of POP mode) are monitored. This is the factory setting, and it is recommended that you use your PASSPORT in this mode.

BandsMOD

In this setting, PASSPORT will warn you with an audible alert, and associated text message stating which band has been modified (i.e. "X OFF"). This warning is displayed during the start up sequence (standard or fast).

WARNING: Only modify bands if you are absolutely certain that there are no traffic radar units using that specific band in your area.

Specifications

Features and Specifications

Operating Bands

- X-band 10.525 GHz \pm 25 MHz
- K-band 24.150 GHz \pm 100 MHz
- Ka-band 34.700 GHz \pm 1300 MHz
- Laser 904nm, 33 MHz bandwidth

Radar Receiver / Detector Type

- Superheterodyne VTO
- Scanning Frequency Discriminator
- Digital Signal Processing (DSP)

Laser Detection

- Quantum Limited Video Receiver
- Multiple Laser Sensor Diodes

Display Type

- 280 LED Alphanumeric
- Bar Graph, ExpertMeter, or SpecDisplay
- 3-Level Dimming, plus Dark Mode

Power Requirement

- 12VDC, Negative Ground
- SmartCord (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

Auto Calibration Circuitry

SmartShield VG2 Immunity

Dimensions (Inches)

- 1.25 H x 2.85 W x 5.32 L

Interpreting Alerts

Although PASSPORT has a comprehensive warning system and this handbook is as complete as we can make it, only experience will teach you what to expect from your PASSPORT and how to interpret what it tells you. The specific type of radar being used, the type of transmission

(continuous or instant-on) and the location of the radar source affect the radar alerts you receive.

The following examples will give you an introduction to understanding PASSPORT's warning system for radar and laser alerts.

Alert

Explanation

PASSPORT begins to sound slowly, then the rate of alert increases until the alert becomes a solid tone. The Signal Meter ramps accordingly.

You are approaching a continuous radar source aimed in your direction.

PASSPORT emits short alerts for a few seconds and then falls silent only to briefly alert and fall silent again.

An instant-on radar source is being used ahead of you and out of your view.

PASSPORT suddenly sounds a continuous tone for the appropriate band received. All segments in the Signal Strength Meter are lit.

An instant-on radar source or laser source is being used nearby. This kind of alert requires immediate attention!

A brief laser alert.

Laser is being used in the area. Because laser is inherently difficult to detect, any laser alert may indicate a source very close by.

PASSPORT receives weak signals. These signals may be a little stronger as you pass large, roadside objects. The signals increase in frequency.

A moving patrol car with continuous radar is overtaking you from behind. Because these signals are reflected (reflections are increased by large objects), they may or may not eventually melt into a solid point even when the patrol car is directly behind you.

PASSPORT alerts slowly for awhile and then abruptly jumps to a strong alert.

You are approaching a radar unit concealed by a hill or an obstructed curve.

Alert

Explanation

PASSPORT alerts intermittently. Rate and strength of alerts may be consistent or vary wildly.

A patrol car is traveling in front of you with a radar source aimed forward. Because signals are sometimes reflected off of large objects and sometimes not, the alerts may seem inconsistent.

PASSPORT alerts intermittently. Rate and strength of signal increases with each alert.

A patrol car is approaching from the other direction, sampling traffic with instant-on radar. Such alerts should be taken seriously.

PASSPORT gives an X-band alert intermittently.

You are driving through an area populated with radar motion sensors (door openers, burglar alarms, etc.). Since these transmitters are usually contained inside buildings or aimed toward OR away from you, they are typically not as strong or lasting as a real radar encounter.

CAUTION: Since the characteristics of these alerts may be similar to some of the preceding examples, over confidence in an unfamiliar area can be dangerous. Likewise, if an alert in a commonly traveled area is suddenly stronger or on a different band than usual, speed radar may be set up nearby.

How Radar Works

How Radar Works

Traffic radar, which consists of microwaves, travels in straight lines and is easily reflected by objects such as cars, trucks, even guardrails and overpasses. Radar works by directing its microwave beam down the road. As your vehicle travels into range, the microwave beam bounces off your car, and the radar antenna looks for the reflections. Using the Doppler Principle, the radar equipment then calculates your speed by comparing the frequency of the reflection of your car to the original frequency of the beam sent out.

Traffic radar has limitations, the most significant of these being that it typically can monitor only one target at a time. If there is more than one vehicle within range, it is up to the radar operator to decide which target is producing the strongest reflection. Since the strength of the reflection is affected by both the size of the vehicle and its proximity to the antenna, it is difficult for the radar operator to determine if the signal is from a sports car nearby or a semi-truck several hundred feet away.

Radar range also depends on the power of the radar equipment itself. The strength of the radar unit's beam diminishes with distance. The farther the radar has to travel, the less energy it has for speed detection.

Because intrusion alarms and motion sensors often operate on the same frequency as X-Band radar, your PASSPORT will occasionally receive non-police radar signals. Since these X-Band transmitters are usually contained inside of a building, or aimed toward the ground, they will generally produce much weaker readings than will a true radar encounter. As you become familiar with the sources of these pseudo alarms in your daily driving, they will serve as confirmation that your PASSPORT's radar detection abilities are fully operational.

How POP Works

How "POP" Works

"POP" mode is a relatively new feature for radar gun manufacturers. It works by transmitting an extremely short burst, within the allocated band, to identify speeding vehicles in traffic. Once the target is identified, or "POPPED," the gun is then turned to its normal operating mode to provide a vehicle tracking history, (required by law).

NOTE: According to the operator's manual from the radar gun manufacturer, tickets should not be issued in this mode.

How TSR Works

TSR Signal Ranking Software

Your radar detector includes a new optional boost in anti-falsing software to eliminate excessive alerts from erroneous X and K-band sources. One example of this is traffic flow monitoring systems. These systems, which are becoming more widely used in several states, generate K-band signals to measure the flow of traffic on interstate highways. Unfortunately most detectors alert to these sources as a real threat. Our new proprietary software (TSR), intelligently sorts, ranks and rejects this type of false alarm automatically. The result is ultimate protection without excessive false alarms.

The TSR software is turned on by default in the Programming section of your detector. If you believe this type of system isn't used in your area, you can simply turn it off. Otherwise, your detector is ready to start protecting you right out of the box.

If you have any questions about this new feature, please give us a call or visit our website for more details.

How Laser Works

How Laser (Lidar) Works

Laser speed detection is actually LIDAR (Light Detection and Ranging). LIDAR guns project a beam of invisible infrared light. The signal is a series of very short infrared light energy pulses, which move, in a straight line, reflecting off your car and returning to the gun. LIDAR uses these light pulses to measure the distance to a vehicle. Speed is then calculated by measuring how quickly these pulses are reflected given the known speed of light.

LIDAR (or laser) is a newer technology and is not as widespread as conventional radar, therefore, you may not encounter laser on a daily basis. And unlike radar detection, laser detection is not prone to false alarms. Because LIDAR transmits a much narrower beam than does radar, it is much more accurate in its ability to distinguish between targets and is also more difficult to detect. ***AS A RESULT, EVEN THE BRIEFEST LASER ALERT SHOULD BE TAKEN SERIOUSLY.***

There are limitations to LIDAR equipment. LIDAR is much more sensitive to weather conditions than RADAR, and a LIDAR gun's range will be decreased by anything affecting visibility such as rain, fog, or smoke. A LIDAR gun cannot operate through glass and it must be stationary in order to get an accurate reading. Because LIDAR must have a clear line of sight and is subject to cosine error (an inaccuracy, which increases as the angle between the gun and the vehicle, increases) police typically use LIDAR equipment parallel to the road or from an overpass. LIDAR can be used day or night.

Service

Service Procedure

If Your PASSPORT ever needs service, please follow these simple steps:

- 1 Check the troubleshooting section of this manual. It may have a solution to your problem.
- 2 Call us at **1-800-543-1608**. We may be able to solve your problem over the phone. If the problem requires that you send your PASSPORT to the factory for repair, we will provide you with a Service Order Number, which must be included on the outside of your shipping box.

Enclose The Following Information With Your PASSPORT:

- Your Service Order Number
- Your name and return address
- Your daytime telephone number
- A description of the problem you are experiencing.

Out Of Warranty Repairs

For out of warranty repairs, include prepayment in the amount you were quoted by the ESCORT Customer Service Representative. If the detector has been damaged, abused or modified, the repair cost will be calculated on a parts and labor basis. If it exceeds the basic repair charge, you will be contacted with a quotation. If the additional payment is not received within 30 days (or if you notify us that you choose not to have your PASSPORT repaired at the price quoted), your PASSPORT will be returned, without repair. Payment can be made by check, money order, or credit card.

Mail PASSPORT and Power Cord To:

ESCORT
Customer Service Department
Service Order Number _____
5440 West Chester Road
West Chester, Ohio 45069

For your own protection, we recommend that you ship your PASSPORT postpaid and insured. Insist on a proof of delivery, and keep the receipt until the return of your PASSPORT.

Troubleshooting

Problem	Solution
PASSPORT beeps briefly at the same location every day, but no radar source is in sight.	<ul style="list-style-type: none"> An X-band motion sensor or intrusion alarm is located within range of your route. With time, you will learn predictable patterns of these signals.
PASSPORT does not seem sensitive to radar or laser.	<ul style="list-style-type: none"> Make sure that windshield wipers do not block PASSPORT's radar antenna and that the laser lens is not behind tinted areas. Determine if your vehicle has an Instaclear[®], ElectriClear[®] or solar reflective windshield which may deflect radar or laser signals. PASSPORT may be in City Mode.
PASSPORT did not alert when a police car was in view.	<ul style="list-style-type: none"> VASCAR (Visual Average Speed Computer and Recorder) a stopwatch method of speed detection, may be in use. Officer may not have radar or laser unit turned on.
PASSPORT's display is not working.	<ul style="list-style-type: none"> Press the Dim button to deactivate Dark Mode.
PASSPORT's audible alerts are less loud after the first few alerts.	<ul style="list-style-type: none"> PASSPORT is in AutoMute Mode. See page 8 for details.
PASSPORT bounces or sags on windshield.	<ul style="list-style-type: none"> PASSPORT is not making contact with the windshield to provide stability. While holding down PASSPORT's EasyMount button, slide PASSPORT further back toward the windshield so that the back top edge makes firm contact.
PASSPORT's power-on sequence reoccurs while you are driving.	<ul style="list-style-type: none"> A loose power connection or dirty lighter socket can cause PASSPORT to be briefly disconnected.
Your 14-year old son has changed all 9 of the EZ-Programming options.	You can return all of the programming options to the factory defaults by holding down the City, Dim, and Mute buttons while you turn PASSPORT on.

Problem	Solution
PASSPORT will not turn on.	<ul style="list-style-type: none"> Check that volume control is ON. Check that vehicle ignition is ON. Check that vehicle lighter socket is functional. Try PASSPORT in another vehicle.
PASSPORT feels very warm.	<ul style="list-style-type: none"> It is normal for PASSPORT to feel warm.

Explanation of Displays

AD	Sensitivity control is in Auto mode, display is in Dark mode (page 9)
HD	Sensitivity control is in Highway mode, display is in Dark mode (page 9)
CD	Sensitivity control is in City mode, display is in Dark mode (page 9)
No display	PASSPORT is in the Dark mode, and is programmed for Dark All (page 9, 16)
PilotHWY	One of the many programming messages (pages 12-16)
X , or K , or KA etc.	PASSPORT has been programmed in the ExpertMeter Mode (page 10-11)
Self Cal	PASSPORT is running a self-calibration test
Service Required	PASSPORT has failed the calibration test. Contact ESCORT for repair

Warranty

ESCORT One Year Limited Warranty

ESCORT warrants your PASSPORT against all defects in materials and workmanship for a period of one (1) year from the date of the original purchase, subject to the following terms and conditions:

The sole responsibility of ESCORT under this Warranty is limited to either repair or, at the option of ESCORT, replacement of the PASSPORT detector. There are no expressed or implied warranties, including those of fitness for a particular purpose or merchantability, which extend beyond the face hereof. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

ESCORT is not liable for any incidental or consequential damages arising from the use, misuse, or mounting of the PASSPORT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific rights. You may have other legal rights, which vary from state to state. This Warranty does not apply if the serial number on the housing of the PASSPORT has been removed, or if your PASSPORT has been subjected to physical abuse, improper installation, or modification.

ESCORT Extended Service Plan

ESCORT offers an optional extended service plan. Contact ESCORT for details.

Accessories

Accessories

The following accessories and replacement parts are available for PASSPORT 8500 X50.



Standard Coiled SmartCord..... \$29.95
Available in red or blue



Direct-wire SmartCord..... \$29.95



Accessory Kit..... \$14.95



Visor Clip..... \$9.95

Zippered Travel Case..... \$14.95

26

Register
online:

@WWW

EscortRadar.com

▼ Remove card along perforations ▼

ESCORT®

ESCORT PRODUCT REGISTRATION CARD

▲ If you purchased your detector directly from ESCORT, you do not need to fill this out.

▲ If you did not purchase your detector directly from ESCORT, please fill out this section and return to us, or register online at our web address: **www.EscortRadar.com**

1. First Name: _____ Middle Initial: _____ Last Name: _____
Address: _____
City: _____ State: _____ Zip: _____
E-mail and/or Phone (In case we have a question): _____
2. Product Purchased **PASSPORT 8500 X50** ☐ Red ☐ Blue
Serial Number: _____
Date: _____ Price: _____
3. Place of Purchase: _____
4. Primary reason for purchasing this ESCORT product: _____

5. Would you like to be added to our mailing list? ☐ Yes ☐ No
6. Would you like us to e-mail you with updates? ☐ Yes ☐ No

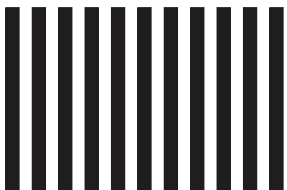
27



▼ Remove card along perforations ▼



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WEST CHESTER OH 45069-9789



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Designed in the USA

ESCORT Inc.
5440 West Chester Road
West Chester OH 45069

Sales / Service 800.964.3143
www.EscortRadar.com



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Features, specifications and prices subject to change without notice.



Dear Escort Customer,

Congratulations! You have just purchased one of the finest automotive accessories from Escort. We are committed to providing our customers great products and customer service. Simply stated, 100% customer satisfaction is our goal. After all, it is you the customer that writes the paychecks for each and every one of us here at Escort.

Headquartered in Cincinnati, Ohio, Escort is a proudly American company that sells products globally. We manufacture the majority of our products at our new state of the art manufacturing facility in North America. You will not find a company with a stronger focus on quality.

I invite you to look at our Escort product catalog. From radar detection to navigation, and Bluetooth hands free calling technology to GPS vehicle recovery services, Escort has a full range of automotive electronic products.

If you have any questions or would like additional information on our products, please go to EscortRadar.com or call 1-800-881-6353.

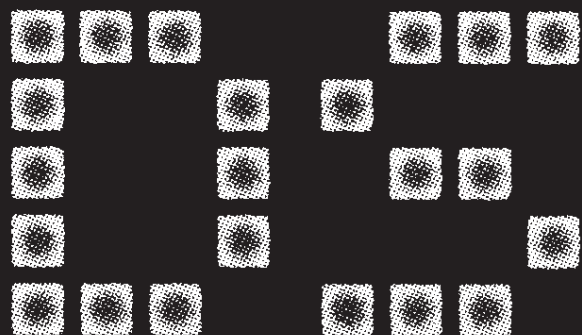
We sincerely appreciate your business and will do our very best to make sure your entire experience with Escort is a positive one. You have my commitment.

Sincerely,

A handwritten signature in cursive script, appearing to read "John P. Larson".

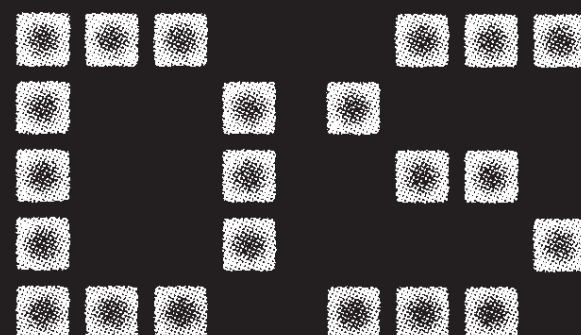
John P. Larson
Chief Executive Officer
Escort Inc.

ESCORT[®]



DRIVE SMARTER[™]

ESCORT[®]



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ESCORT®
DRIVE SMARTER™



***Don't just drive...
Drive Smarter***

Premium automotive accessories from ESCORT inside

NEW

PASSPORT iQ



PASSPORT 9500ix

"Escort has done it again...
It's a game changer."

AutoWeek



- Radar & Laser Detection
- Easy 3D Navigation
- And much more

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GPS-Intelligence

ESCORT
DRIVE SMARTER™



The Ultimate Driving Companion

Raise your driving intelligence with the all-new PASSPORT iQ™. The world's first and only automobile accessory that simultaneously integrates: state-of-the-art radar/laser detection, speed camera and speed limit information, 3D GPS navigation, and much more to protect you from unwanted tickets and guide you safely to your destination.

It starts with ESCORT's industry leading radar/laser detection. Cutting edge software works with our patented GPS technology to monitor all bands and eliminate false alarms. Choose the informative expert mode to track multiple sources and numeric frequencies. In addition, ESCORT's award-winning DEFENDER Database provides audible and visual alerts for speed traps, red light cameras and speed camera locations.

Easy to read 3D maps powered by NAVTEQ™, voice guided turn-by-turn directions and lane assist provide comprehensive navigation for wherever you want to go. Both navigation and radar detection information is presented in multiple display options on the 5" color touch screen.



The all-new PASSPORT iQ. Don't just drive... **Drive Smarter.**

PASSPORT iQ

Preloaded with DEFENDER™ Database

\$649⁹⁵

+S&H, OH res. add tax

800.757.1308

PASSPORT 9500ix



GPS-Intelligence



PASSPORT 9500ix

"...the learning feature of the Escort 9500ix is a truly elegant idea"

Popular Mechanics

ESCORT
DRIVE SMARTER™



It Has Changed The Industry

The PASSPORT 9500ix has revolutionized the detector industry! The foundation is ESCORT's award-winning radar and laser protection. We then developed cutting edge software that works with our patented GPS technology to eliminate false alerts automatically. This remarkable artificial intelligence creates the most accurate detector ever. Now the only alerts you get are the ones that really count! You drive. It learns. End of story.



Speed Camera

We then addressed the increasing number of camera threats being installed throughout North America by adding our comprehensive DEFENDER Database of red light cameras, fixed position speed cameras and known speed traps. And, since these cameras are increasing in numbers, we made the 9500ix PC ready. Simply connect it to your PC and download the most recent camera installations.



The PASSPORT 9500ix is clearly the most advanced detector available. There is simply nothing else like it.

PASSPORT 9500ix

with Brilliant Blue Display

\$499.⁹⁵

+S&H, OH res. add tax



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800.757.1308

PASSPORT RedLine



RedLine

"...vicious performance
on the 13 mile long
range test!"

SpeedZones.com

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ESCORT
DRIVE SMARTER™



Embrace The Red. Avoid The Blue

Our team of engineers created the most sensitive radar/laser detector period. RedLine provides the longest range for every signal out there. Its twin-antennae design allows it to maximize performance by band, giving you the longest warning possible.

The ESCORT RedLine is the highest performing radar, laser and safety detector ever designed by ESCORT. The ESCORT RedLine includes full X, K, SuperWide Ka, and Safety Warning System radar capability, front and rear laser detection, dual antennae with varactor-tuned (VTO) microwave receiver, digital signal processing (DSP) for superior range and reduced false alarms, our patented Mute and AutoMute, audible and visual band alerts, and all the performance you'd expect from ESCORT.



ESCORT RedLine

with Red Display

\$499.⁹⁵

+S&H, OH res. add tax



800.757.1308

PASSPORT 8500 X50



PASSPORT 8500 X50

"Escort is in front with its Passport 8500 X50 - this detector is a technical masterpiece. Highly recommended."

europa car

EscortInc.com

ESCORT

DRIVE SMARTER™



Award-Winning Performance

The PASSPORT 8500 X50 has a long list of accolades, too many to list here. Since its release, this powerful detector has set the standard for all other detectors. Using the same radar and laser circuitry as the PASSPORT 9500ix, it delivers the best performance for the dollar.

Offered in high-intensity red or brilliant blue display, the PASSPORT 8500 X50 is a solid choice.

The 8500 X50 will be delivered to your door with a 12-volt SmartCord with alert lamp and remote mute button, windshield bracket with a quick release feature for easy removal and a comprehensive owner's manual. A handy travel case is also included for safe keeping.



PASSPORT 8500 X50 Blue

\$339.⁹⁵

with Brilliant Blue Display

+S&H, OH res. add tax

PASSPORT 8500 X50 Red

\$299.⁹⁵

with Red Display

+S&H, OH res. add tax

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NEW

Cordless SOLO S3



Cordless SOLO S3

"One unit emerged
as the staff's favorite:
Escort's Solo"

AutoWeek

EscortInc.com

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DRIVE SMARTER™



The Best Just Got Better

No cord, no compromise — the SOLO S3's new and improved cordless design is the ultimate in convenience. Its sophisticated design and battery operation make it the perfect choice for the traveler who moves frequently between vehicles. Its breakthrough design provides hours of continuous use and utilizes an auto-shut off feature to maximize battery life. The new SOLO S3 is the most powerful cordless detector and features longer range, a brilliant OLED display and sleek black design.

Move it from car to car with ease, or slip it into your briefcase or purse for those out of town meetings. It's the perfect traveling companion.

The SOLO S3 will be delivered to your door with a set of AA batteries, windshield bracket with a quick release feature for easy removal and a comprehensive owner's manual. A handy travel case is also included for safe keeping.



Cordless SOLO S3

\$349.⁹⁵

2 AA Batteries Included

+S&H, OH res. add tax



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PASSPORT SC55



GPS-Intelligence



Speed Camera



Speed Trap



Red Light Camera

PASSPORT SC55

"Remarkable accuracy for cameras and speed traps"

EscortInc.com

ESCORT
DRIVE SMARTER™



Add GPS Intelligence To Your Detector

Now you can add the intelligence of GPS technology and our DEFENDER Database to your current detector. Once connected, the SC55 provides alerts for location based threats including speed cameras, red light cameras and the toughest speed traps in North America. And, it's completely updatable using your PC and our website.



The PASSPORT SC55 with Detector Kit comes complete with everything you need to connect it to your ESCORT or Beltronics detector (modular jack required), including combination windshield mount.

The PASSPORT SC55 can also be used as a stand-alone product, providing audible and visual alerts for speed and red light camera based threats in a small lightweight package. Comes complete with windshield mount, power cord and extra suction cups.

PASSPORT SC55

\$159.⁹⁵

+S&H, OH res. add tax

PASSPORT SC55 with Detector Kit

\$179.⁹⁵

+S&H, OH res. add tax

Shown with Detector Kit
(PASSPORT 8500 X50 Not Included)



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PASSPORT 9500ci



PASSPORT 9500ci

"Overall, the 9500ci is a bit like the Bugatti Veyron: darn expensive, but if you've got the money to spend, you won't be disappointed"

CAR AND DRIVER

ESCORT
DRIVE SMARTER™



The "Mac Daddy"

The PASSPORT 9500ci is the ultimate custom-installed radar and laser defense system. With blistering all-band radar protection and precise laser "shifting" technology, speeding tickets can be a thing of the past. ESCORT continues to lead the industry by incorporating its patented GPS technology that automatically identifies the source and location of all radar signals. Real threats are processed in less than a second, while false signals are learned and eliminated. Now all you have to do is drive!



The PASSPORT 9500ci is completely undetectable to all radar detector detectors, keeping you unseen and unnoticed. Crystal-Clear Voice Alerts, Speed Alert™, Safety Warning System and its stealth installation make the PASSPORT 9500ci the ultimate in discreet protection.

The PASSPORT 9500ci comes pre-loaded with our exclusive DEFENDER Database of red light cameras, speed cameras and known speed traps throughout North America. You can also download updates, back up your data, and stay on top of new threats directly from our website.



PASSPORT 9500ci
Professional Installation Suggested

\$1599.⁹⁵
+S&H, OH res. add tax



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PASSPORT Qi45



Actual Size



PASSPORT Qi45



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World Class Performance and Value

The PASSPORT Qi45 offers world class protection and discreet installation. Based on ESCORT's award-winning radar and laser detection technology, the Qi45 provides long range warning against conventional and instant-on X, K, and SuperWide Ka-band radar guns, including POP mode. It's in a class by itself.

The Qi45 incorporates a highly sensitive laser circuit into the front receiver in order to provide an immediate alert of a targeting laser gun. For the ultimate in laser defense, ask us about the optional Qi45 Shifter Pack.

PASSPORT's exclusive AutoSensitivity mode intelligently reduces false alarms created by security motion sensors and automatic door openers. In addition, the Qi45 incorporates ESCORT's exclusive state of the art Digital Signal Processing (DSP), providing the perfect balance of long-range warning and false alarm rejection. Conventional Highway and Auto No X modes are also provided.



Convenient connections

PASSPORT Qi45	\$549.95
Professional Installation Suggested	+S&H, OH res. add tax
PASSPORT Qi45 Shifter Pack	\$249.95
Optional Laser Shifting	+S&H, OH res. add tax



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SmartMirror



SmartMirror

"...puts all of the latest technology
at your fingertips"

ESCORT
DRIVE SMARTER™



It Will Change The Way You Look At The Road

You're looking at ESCORT's SmartMirror™. Part rearview mirror, part GPS navigation system, part Bluetooth® hands-free calling device and back-up camera for added safety. The SmartMirror is like nothing you've ever seen.

The SmartMirror features easy-to-use navigation technology from Navigon™, including brilliant Reality View, Lane Assist and voice-prompted turn-by-turn directions to get you where you want. Initiate and receive calls hands-free through its seamless Bluetooth® link so you can keep both hands on the wheel. We've also added a back-up safety camera to provide the best view of things behind you.

The incredible SmartMirror puts all of the latest technology at your fingertips, but in a clean and convenient location in your vehicle. Place your order today and learn more about our nationwide network of professionals offering worry-free, affordable installation.



▲ Backup Safety Camera



▲ Hands-free Bluetooth Calling

ESCORT SmartMirror

Professional Installation Suggested

\$799.⁹⁵

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NAVIGON



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Entourage PS



Entourage PS

"The ESCORT Entourage PS helps you keep track of the things that matter most"

ESCORT
DRIVE SMARTER™



Portable GPS Vehicle Security and Location

The ESCORT Entourage PS goes anywhere you need it to. Use it to track and secure your prized possessions like your car, truck or motorcycle. Eliminate stress and worry by tracking your teen's whereabouts, including speed and location. Its compact design makes it easy to place in any vehicle or even a backpack. And its internal battery lasts up to one full week on a single charge, making it convenient and maintenance free.

Your private on-line account allows you to instantly view speed and location of the device using Google® Maps. In addition, unscheduled movement is communicated to you via email and text message (SMS). It's like having a personal assistant looking out for the things that matter most.

With its wide range of features, dependable performance and superior quality of user experience, the Entourage PS is the smartest choice in portable security and location awareness.



Entourage PS

\$299.95

Subscription plans start at \$14.95/month

+S&H, OH res. add tax



EscortInc.com

800.757.1308

Entourage CIS



Entourage CIS

"The ultimate in security, recovery and location awareness for your vehicles"

ESCORT
DRIVE SMARTER™



GPS Vehicle Security and Protection

Rest easy knowing your vehicles are now protected with our new Entourage CIS gps-enabled security and tracking system. The Entourage CIS installs easily into any vehicle and provides advanced cellular technology, allowing you to instantly track the whereabouts of your vehicle through our easy-to-use web-based user interface. Eliminate stress and worry by knowing the location of your teen driver, friends or belongings.



Your MyPass™ key fob (included) easily arms and disarms the system. Alerts are delivered to you via text message and e-mail if your vehicle is tampered with or moved by an unauthorized individual. An optional vehicle monitoring and recovery service is also available for the ultimate in worry-free protection.

For real time vehicle security, location awareness, Driver's Report Card and theft recovery, choose the installed Entourage CIS.

Entourage CIS

\$399.⁹⁵

Subscription plans start at \$14.⁹⁵/month

+S&H, OH res. add tax



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NEW

Guardian Alert



◀ Trailer Hitch Sensor

▼ Display Module



Guardian Alert

"The rear radar backup alert system could be a real life saver."

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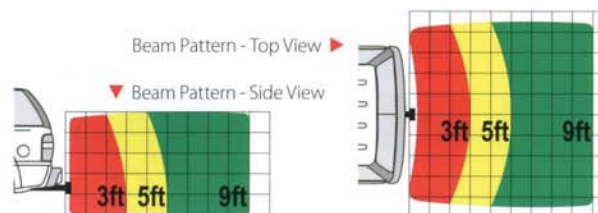
DRIVE SMARTER™



Advanced Rear Radar Backup System

We've got your back with the all-new ESCORT Guardian Alert. Our breakthrough radar based backup system provides an added level of safety when your vehicle is in reverse to protect you from hitting people or objects.

The Guardian Alert radar sensor simply slides into a standard 2" square hitch receptacle — perfect for light trucks, SUVs and crossovers. The miniature display is easy to install and provides audible and visual alerts when your vehicle approaches anything behind it.



Quick-Fit Hitch

\$299.95

Includes 7 Blade Adapter

+S&H, OH res. add tax

Direct Connect Hitch

\$299.95

+S&H, OH res. add tax



7 Blade Adapter

800.757.1308

Laser Shifter ZR4

Speed Of Light Protection

The LASER SHIFTER ZR4 is the most advanced defense system against targeting laser guns. The SHIFTER ZR4 includes (2) front-mounted and (1) rear license plate mounted laser transceivers, interface module, display controller with audible and visual alerts, and a remote mute button.

The SHIFTER ZR4's high performance "Multi-Shift" laser transceivers provide maximum protection against laser targeting and the exclusive "link" design allows you to connect the SHIFTER ZR4 to select ESCORT radar detectors providing the ultimate defense against all forms of radar and laser encounters. This combination of detection and "shifting" is the best protection available!

Laser Shifter ZR4



"... ultimate laser protection."

Laser Shifter ZR4

Professional Installation Suggested

\$449.⁰⁰

+S&H, OH res. add tax

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DRIVE SMARTER™



Accessories



Direct-Wire SmartCord \$29.⁹⁵

Wire directly to the fuse panel for a cleaner installation. Available in red or blue



Portable SmartCord \$29.⁹⁵

SmartCord with convenient controls available in red or blue display with choice of coiled, straight or combination



SuperCup - Single Cup Windshield Mount \$19.⁹⁵

Our heavy duty mount moves the detector closer to you and provides a single quick release windshield suction cup



Platform Mount with Disc Pad \$19.⁹⁵

Easy way to mount the detector on the dash instead of the windshield. Also available with Beanbag for \$29.⁹⁵



Zippered Travel Case \$14.⁹⁵

Lightweight travel case makes it easy to take our windshield detectors with you



Ordering from ESCORT is easy.



Phone Orders Call 800.757.1308 toll-free for the experts.

Online Orders Simply log on at EscortInc.com.

Online Help Use "Live Chat" feature for real-time answers.



Same Day Shipping on orders received by 3:00 pm ET.

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Don't just drive... Drive Smarter with ESCORT

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