For Android

Made for iPhone

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This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

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Congratulations.
You’ve just purchased our first and only radar/laser detection system featuring a front-and-rear radar receiver and our all-new threat-direction reporting technology for 360° ticket protection—the ESCORT Max 360®.

ESCORT Max 360 features a multi-color OLED display. Brilliant graphics illuminate intuitive icons that identify the type of threat at a glance.

Max 360 Features
- NEW front-and-rear radar receiver offers 360° ticket protection
- NEW threat-direction arrows report the direction an alert is coming from
- NEW magnetic mount allows for easy attachment and removal of unit from windshield bracket
- HD Performance identifies real threats sooner than any other detector, providing more advanced warning when you need it
- GPS location-based intelligence automatically locks out false alerts and allows you to mark locations for future reference
- Access to ESCORT’s DEFENDER Database, which warns you of verified speed traps, speed cameras and red light camera
- Built-in Bluetooth technology gives you access to ESCORT’s award-winning real-time ticket-protection app, ESCORT Live!

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Registration

Before downloading ESCORT Live you must first register your ESCORT MAX 360. Be sure to have your device nearby, as you will need the serial number. To view the serial number and software revision, press the MRK and MUTE buttons while powering on the detector.

1. Visit EscortRadar.com, scroll to the bottom of the page, and click Product Registration.
2. Click the link under ESCORT Live! Ready Devices.
3. Follow the onscreen instructions to register your device.

Be sure to write down the username and password you create, as you will need this information to access and download ESCORT Live. (You will also receive an email with this information, once you have registered your device.)

Pairing Your Smartphone

To pair your Smartphone with ESCORT MAX 360:

1. Ensure ESCORT MAX 360 power is ON.
2. On your Smartphone go to Bluetooth Settings.
3. Ensure Bluetooth is ON.
4. Tap Scan for Devices or wait for the Devices list to populate. ESCORT MAX 360 should appear under devices.
5. Tap ESCORT MAX 360 to pair the device with your phone. ESCORT MAX 360’s Over Speed indicator will change to a Bluetooth icon when paired to your phone.
6. Open the ESCORT Live App, walk through the tutorial, and you’re ready to hit the road!

For Bluetooth pairing tips and more information on using ESCORT Live visit: www.EscortRadar.com

Downloading ESCORT Live!

1. Enter the iTunes App Store or Google play store on your smartphone and search for ESCORT Live radar.
2. Follow the onscreen instructions to download.
3. When prompted, enter the username and password you created when registering your MAX 360 device.

Installation

ESCORT MAX 360 comes with our new Magnet Mount. Simply slide the detector onto the mounting bracket fully and that’s it. To remove the detector from the mount, simply pull the detector off the mount.

What’s Included

- Max 360 Radar/laser detector
- StickyCup magnetic windshield mount
- SmartCord power adapter
- Quick Reference Guide
- Soft-shell Case

Mounting Tips

- Center on windshield between driver and passenger.
- Ensure clear view of road ahead.
- Avoid windshield wipers and heavily tinted areas.

ESCORT Max 360 Mounting Location

WARNING: ESCORT cannot anticipate the many ways Max 360 can be mounted. It is important that you mount Max 360 where it will not impair your view nor present a hazard in case of an accident.

For optimum detection performance, we recommend the following:

- Using the StickyCup Mount, mount your Max 360 level, and high enough on your front windshield to provide a clear view of the road from the front and rear.
- Mount Max 360 away from windshield wipers, other solid objects, and heavily tinted areas that might obstruct the radar antenna or laser lens.

To mount the detector in your vehicle

1. Remove backing from StickyCup mount.
2. Firmly press StickyCup onto windshield and flip locking clamp to secure.
3. Slide the detector onto the mounting bracket until it’s fully engaged. The magnet inside holds the detector in place.
4. To adjust view, loosen thumb wheel and adjust angle of mounting bracket. Tighten thumb wheel to secure.
5. To remove detector, gently pull it off the mounting bracket.
6. To remove mount from windshield, release locking clamp and pull tab on top of StickyCup.

StickyCup Care Instructions

To clean StickyCup, rinse under warm water, gently wipe off any debris and allow to air dry.

To mount the detector in your vehicle

1. Remove backing from StickyCup mount.
2. Firmly press StickyCup onto windshield and flip locking clamp to secure.
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4. To adjust view, loosen thumb wheel and adjust angle of mounting bracket. Tighten thumb wheel to secure.
5. To remove detector, gently pull it off the mounting bracket.
6. To remove mount from windshield, release locking clamp and pull tab on top of StickyCup.

StickyCup Care Instructions

To clean StickyCup, rinse under warm water, gently wipe off any debris and allow to air dry.
Using ESCORT MAX 360

Plug small end of SmartCord into modular jack on ESCORT Max 360 and large end of SmartCord into your vehicle’s lighter/accessory socket. ESCORT Max 360 should power on automatically. If not, press the device’s power button. 🆕

NOTE: You can easily access and customize all of your Settings and Preferences by pressing and holding the BRT button. See Settings & Preferences for details.

Using SmartCord
- Mute Button:
  - Press to mute an alert
  - Press three times to lock out a false alert
  - Press twice while receiving a locked-out alert to unlock
- Alert Light:
  - Blinks orange when receiving an alert
- Power Light:
  - Lights blue when receiving power

Controls & Features

Power Light: Lights blue when receiving power

Mute Button: Press to mute an alert

NOTE: You can easily access and customize all of your vehicle’s lighter/accessory socket. ESCORT Max 360’s device’s power button.

ESCORT Max 360 and large end of SmartCord into select the type of marker, paired to phone, and posted speed twice, then VOL 

Mark Location (MRK)

To mark a location for future alerts, press MRK twice, then VOL + or − to select the type of marker, then MRK again to confirm. Press twice while receiving marker alert to unmark

SmartCord MUTE button.

Mute the MUTE button allows you to silence the audio during an alert. Simply press the button during the alert. Once the radar encounter has passed, the mute will disengage, and the audio will return to your pre-set level. You can also silence an alert by pressing the SmartCord MUTE button.

AutoMute

Your ESCORT Max 360 also includes ESCORT’s patented AutoMute feature. Once ESCORT Max 360 alerts you to a radar encounter at your selected volume level, it automatically reduces the volume to your desired 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 Settings & Preferences section for details.

SmartMute

If AutoMute has already reduced the volume for one alert and a higher-priority band is detected, ESCORT Max 360 will sound an alert at your set volume for the second band before adjusting the volume back down to the AutoMute level.

User Mode

ESCORT Max 360 offers two unique user modes:

Advanced

In this mode, you can access and customize all of ESCORT Max 360’s settings and preferences.

Novice

In this mode, you can access and customize units (English or metric) and display color only. All other preferences are set to the factory defaults. To view all settings and preferences, you must switch back to Advanced mode.

ESCORT MAX 360 offers seven different settings for displaying front and rear alerts. See Preferences for details.

SmartMute

If AutoMute has already reduced the volume for one alert and a higher-priority band is detected, ESCORT MAX 360 will sound an alert at your set volume for the second band before adjusting the volume back down to the AutoMute level.

User Mode

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Novice

In this mode, you can access and customize units (English or metric) and display color only. All other preferences are set to the factory defaults. To view all settings and preferences, you must switch back to Advanced mode.

ESCORT MAX 360 offers seven different settings for displaying front and rear alerts. See Preferences for details.
Highway
In this setting, ESCORT Max 360 will detect all radar signals on all bands at maximum range.

Auto
In this setting, ESCORT Max 360 will continuously analyze all incoming signals and intelligently adjust the sensitivity circuits, providing long-range warning with minimal false alarms.

Auto No X
Auto No X works the same as Auto mode; however, X band is completely turned off.

WARNING: Do not use ESCORT Max 360 in Auto No X unless you are absolutely certain that there are no traffic radar guns using X band in your area.

TrueLock/Locking Out False Alarms
ESCORT Max 360 is equipped with a TrueLock GPS Filter to lock out and store in its memory false alerts. To lock out a false alert (X band, K band or laser only), press the MUTE button on the detector or the SmartCord three times during an alert. Pressing the MUTE button will silence the audio. Pressing a second time will generate a prompt on the display that will signal the next time you approach this area and will display the locked-out alert.

To mark a location, press the MRK button. The display will read “Mark?” Press MRK again to bring up a menu of markers to choose from. Press + or – to scroll through the markers, then press MRK to select the marker you wish to use at this location. The display will read “Marked!”

NOTE: When a location is marked the first time, you must travel at least 1 mile away from that location to receive an alert when you return to the area.

To unmark a location, touch the MRK button when you are receiving a marked-location alert. The display will read “Unmark?” Touch the MRK button again to confirm. The display will read “Unmarked!” To customize the types of markers you want to be able to set and receive, see the Settings & Preferences section.

ESCORT Max 360 will determine which threat is the most significant. If multiple signals are present, ESCORT Max 360 will display both the band of the primary alert as well as a front and/or rear bar graph of the signal’s strength, indicating the direction of the threat.

AutoLearn
The AutoLearn feature analyzes (over time) the source of radar signals by location and frequency. This allows ESCORT Max 360 to determine if a signal is a real threat or a false one. If it determines that the signal is an automatic door opener, motion sensor, etc., it automatically locks out this source at this particular location. A “Stored” message will appear on the display when a signal has been automatically locked out. If you prefer, you can turn the AutoLearn feature off. See the Settings & Preferences section for details.

NOTE: AutoLearn typically needs to encounter the exact frequency in the same location approximately three times to lock it out. Since some door openers are turned on and off routinely, some variations may occur. When AutoLearn is on, ESCORT Max 360 will also unlearn signals to protect you from locking out real threats. If a particular signal is no longer present at a location that was previously locked out, ESCORT Max 360 will unlock that signal.

Marking Locations
The MRK button allows you to mark a specific location and label it for future reference. Once marked, ESCORT Max 360 will reject the signal the next time you approach this area and will display the locked-out alert.

Locked-out alert
To unlock a signal that has already been stored, simply press and hold the detector or SmartCord MUTE button while receiving the locked out alert. The display will read “Unlock?” Press the detector or SmartCord MUTE button again to unlock it from memory. The display will then read “Unlocked” to confirm your action.

For details on how to turn the GPS Filter off, refer to the Settings & Preferences section.

NOTE: When the GPS Filter is set to OFF, you do not have access to ESCORT Max 360’s other GPS-enabled features (e.g., Defender Database alerts, marking locations, etc.).

AutoLearn
The AutoLearn feature analyzes (over time) the source of radar signals by location and frequency. This allows ESCORT Max 360 to determine if a signal is a real threat or a false one. If it determines that the signal is an automatic door opener, motion sensor, etc., it automatically locks out this source at this particular location. A “Stored” message will appear on the display when a signal has been automatically locked out. If you prefer, you can turn the AutoLearn feature off. See the Settings & Preferences section for details.

NOTE: AutoLearn typically needs to encounter the exact frequency in the same location approximately three times to lock it out. Since some door openers are turned on and off routinely, some variations may occur. When AutoLearn is on, ESCORT Max 360 will also unlearn signals to protect you from locking out real threats. If a particular signal is no longer present at a location that was previously locked out, ESCORT Max 360 will unlock that signal.

Marking Locations
The MRK button allows you to mark a specific location and label it for future reference. Once marked, ESCORT Max 360 will provide an alert when you reach this area again.

Red light camera
Red light & speed camera
Speed camera
Speed trap
Other
ESCORT Max 360 gives an advanced warning of upcoming markers at the following distances:

- Red light cameras: 250 ft or 10 seconds
- Red light & speed cameras: 250 ft or 10 seconds
- Speed cameras: 500 ft when traveling below 55 mph; 1,000 ft when traveling above 55 mph
- Speed traps: 0.3 mi or approximately 1,584 ft
- Other: 500 ft when traveling below 55 mph; 1,000 ft when traveling above 55 mph

To mark a location, press the MRK button. The display will read “Mark?” Press MRK again to bring up a menu of markers to choose from. Press + or – to scroll through the markers, then press MRK to select the marker you wish to use at this location. The display will read “Marked!”

NOTE: When a location is marked the first time, you must travel at least 1 mile away from that location to receive an alert when you return to the area.

To unmark a location, touch the MRK button when you are receiving a marked-location alert. The display will read “Unmark?” Touch the MRK button again to confirm. The display will read “Unmarked!” To customize the types of markers you want to be able to set and receive, see the Settings & Preferences section.

Over-Speed Alert
With ESCORT Max 360, you can set the Over-Speed Alert to notify you when you are traveling over a specified speed (factory default is 70 mph; see Settings & Preferences for details). When you travel above the speed threshold you have set, the background display for your current speed will turn red to alert you that you have exceeded the specified speed.

Alert Tones
Standard
The factory default for alert tones is the ESCORT Standard mode, in which ESCORT Max 360 uses a Geiger counter-type sound to indicate the signal strength and type of radar signal being encountered. When you encounter a radar, a distinct audible alert will sound and will increase as the signal gets stronger. This allows you to judge the distance from the signal source without taking your eyes off of the road. Each band has a distinct tone for easy identification:

- X band = beep tone
- Ka band = brap tone
- Pop = Doorbell chime
- High signal strength = Double chime
- Low signal strength = Triple chime
- Laser = solid brap tone
- Pop = solid brap tone
- Mild mode offers softer, simpler alert tones that are less obtrusive to the driving experience:
  - X band, K band, Ka band and Pop = Doobell chime
  - High signal strength = Double chime
  - Low signal strength = Triple chime
  - Laser = Single chime
  - Pop = solid brap tone

Since laser signals are a possible threat no matter how slow, ESCORT Max 360 alerts you to all laser signals with a full laser alert. See the Settings & Preferences section for details on switching your alert tones.

Cruise Alert
The Cruise Alert feature allows you to modify your alert tones when traveling below a specified speed (factory default is 20 mph; see Settings & Preferences for details). For all alerts received while traveling below the specified speed, ESCORT Max 360 will sound a simple double-beep alert.

Voice Alerts
ESCORT Max 360 provides digital voice announcements for alerts and selection feedback. If you prefer, you can turn off the voice feature. See the Settings & Preferences section for details.

Signal-Strength Meter
ESCORT Max 360 offers seven different settings for displaying alerts:

Standard
The Standard option provides information on a single radar signal. When ESCORT Max 360 detects radar, it displays the band of the radar (X, K or Ka) and a bar graph of the signal’s strength. When laser is detected, the display will simply read “Laser.” If there are multiple signals present, ESCORT Max 360 will determine which one is the most important threat to display.

Standard FR1
The factory default Standard FR1 option provides information on both the type and direction of the primary threat. If multiple signals are present, ESCORT Max 360 will determine which threat is the most important to display. In this mode, the display shows both the band of the primary alert as well as a front and/or rear bar graph of the signal’s strength, indicating the direction of the threat.
The Spec FR2 option is an advanced display for experienced detector users. In this mode, ESCORT Max 360 will display the type and direction of the primary threat (with front and/or rear bar graphs of signal strength), as well as the actual numeric radar frequency being received.

Spec FR1
The Spec FR1 option is an advanced display for experienced detector users. In this mode, ESCORT Max 360 will display the type and direction of the primary threat (with front and/or rear bar graphs of signal strength), as well as the actual numeric radar frequency for each.

Expert FR
ESCORT's exclusive Expert FR option is also designed for the advanced detector user. In this mode, ESCORT Max 360 simultaneously tracks up to four radar signals. It shows each band, along with front and/or rear bar graphs of signal strength, in the image above, a Ka band, X band and two X bands are being detected with the greyed out X band being a locked out false. Expert FR can help you spot a change in your normal driving environment (e.g., a traffic radar unit being operated in an area where there are normally other signals present).

Simple
In this mode, Simple messages replace actual bands and signal strengths or frequencies. "Caution" is used when an alert is received while you are traveling below your current Cruise Alert setting (or posted speed limit for current location, when connected to ESCORT Live). "Slow Down" is displayed when an alert is received while you are traveling above the current Cruise Alert setting (or posted speed limit for current location, when connected to ESCORT Live).

NOTE: ESCORT Max 360's selectable bands feature allows you to customize which bands are monitored. For details on modifying your band detection, see the Settings & Preferences section. For details on the various radar/laser bands and how they work, see the Understanding Your Detector section.

Threat-Direction Arrows
ESCORT Max 360 offers three arrow modes for threat-direction reporting:

Arrow mode: Single; Meter mode: Standard FR1

Simple
In this mode, Simple messages replace actual bands and signal strengths or frequencies. "Caution" is used when an alert is received while you are traveling below your current Cruise Alert setting (or posted speed limit for current location, when connected to ESCORT Live). "Slow Down" is displayed when an alert is received while you are traveling above the current Cruise Alert setting (or posted speed limit for current location, when connected to ESCORT Live).

NOTE: ESCORT Max 360's selectable bands feature allows you to customize which bands are monitored. For details on modifying your band detection, see the Settings & Preferences section. For details on the various radar/laser bands and how they work, see the Understanding Your Detector section.

Threat-Direction Arrows
ESCORT Max 360 offers three arrow modes for threat-direction reporting:

Arrow mode: Single; Meter mode: Standard FR1

Single
In Single arrow mode, arrows are displayed indicating only the direction of the primary threat. All arrows use your selected display color.

Arrow mode: Multiple; Meter mode: Standard FR2

Multiple
In Multiple arrow mode, threat-direction arrows are displayed for multiple threats. When multiple threats are displayed then the direction arrow of the primary threat will blink. In the example shown in the picture above, the top red arrow, indicating a Ka threat is ahead, is blinking because it is the primary threat.

X band = green
Ka band/Laser = red

* When using Band arrow mode with Standard FR2 and Spec FR2 meter modes.

Clearing the Database
At some point, you may wish to clear some of the data in ESCORT Max 360's database. This may include any of the following: Defender Database data, marked locations or locked-out locations. For details on how to clear the database, see the Settings & Preferences section.

Serial Number & Software Version
To view your ESCORT Max 360's serial number and software revision, press MRK and MUTE while powering on the detector.

How To Use Preferences
To access Preferences, press and hold both the BRT and SEN buttons. ESCORT Max 360 will display “Preferences,” indicating it is in program mode.

Once the unit is in Preferences mode, the BRT button is used to review the preference categories, and + and – buttons are used to change the individual settings within the selected option.

To exit Preferences, simply wait a few seconds without pressing a button. A “Completed” message will display, confirming your selection(s).

Example:
Here’s how you would turn the Speed Display off:

1 Enter Preferences by pressing and holding both the BRT and SEN buttons. ESCORT Max 360 will display “Preferences.”

2 Press the BRT button to scroll through the categories to “Speed Display.”

3 Since the factory setting is for Speed Display to be ON, ESCORT Max 360 will show Speed Display as ON.

4 Press the + or – button to change from ON to OFF.

5 To complete this change, simply wait a few seconds without pressing a button. The unit will display “Completed” to confirm your selection.

NOTE: You can only access and customize the Speed Display feature while in the Advanced user mode. See the Overview of Preferences chart for details on how to switch user modes.
Press and hold the BRT and SEN buttons to access Preferences. To exit Preferences, simply wait a few seconds without pressing a button. A Completed message will display confirming your selection(s).

### User Mode
- Advanced
- Novice

### Pilot Mode
- Scanning Full Word
- Full Word: Auto, Auto NoX, or Highway

### Arrow Mode
- Single
- Multiple
- Band

### Display Color
- Blue* / Green / Red / Amber
- Set color to match your vehicle's dash display

### Speed Display
- On* / Off
- Displays current speed

### Cruise Alert
- 20 mph* / Off / 20-160 mph
- Offers double-beep alert tones if traveling below specified speed

### Over Speed
- 70 mph* / Off / 20-160 mph
- Reminds you when you exceed a specified speed

### Meter Mode
- Standard
- Standard FR1*
- Standard FR2
- Spec FR1
- Spec FR2
- Expert FR
- Simple

### Tones
- Standard* / Standard+
- Mild

### AutoMute
- Low / Med* / High / Off

### AutoLearn
- On* / Off

### Units
- English / Metric

### Language
- English* / Espanol

### Voice
- On* / Off

### GPS Filter
- On* / Off

### AutoPower
- Off

### Band Enables
- Default* / Modified

### Marker Enables
- Default* / Modified

### Band Preferences
- X Band
- Ka Band
- K Band
- Laser
- TSR

### Lockouts
- On* / Off

### Clear Locations
- Marked
- Clear all user-marked locations. Press SEN button to confirm

### Lockouts
- Defender
- Clear all Defenders. Press SEN button to confirm

### Format
- On* / Off

### AutoLearn
- On* / Off

### Restore Factory Settings

To restore ESCORT Max 360 to its original factory settings, press and hold BRT and MRK while turning the power on. A “Restored” message will display, acknowledging the reset.
Interpreting Alerts

Although ESCORT Max 360 has a comprehensive warning system, only experience will teach you what to expect from your detector and how to interpret what it tells you.

**Alert**

Detector begins to sound slowly with front arrow displayed. Rate of alert increases until it becomes a solid tone. The signal meter ramps accordingly.

**Explanation**

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

Detector emits short alerts for a few seconds with front arrow displayed then falls silent, only to briefly alert and fall silent again.

**Explanation**

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

Detector suddenly sounds a continuous tone for the appropriate band received.

**Explanation**

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

Detector sends a brief laser alert with all direction arrows displayed.

**Explanation**

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

Detector receives weak signals with rear direction arrow displayed. Signals may be a little stronger as you pass large, roadside objects. Signals increase in frequency.

**Explanation**

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.

Detector alerts slowly for a while with front direction arrow displayed then abruptly jumps to a strong alert.

**Explanation**

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

Detector alerts intermittently with front direction arrow displayed. Rate and strength of alerts may be consistent or vary wildly.

**Explanation**

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.

Detector alerts intermittently with front direction arrow displayed. Rate and strength of signal increases with each alert.

**Explanation**

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

Detector gives an X band alert intermittently with the front direction arrow quickly changing to side arrows then to the rear direction arrow.

**Explanation**

You are driving through an area populated with radar motion sensors (e.g., door openers or burglar alarms). 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: Overconfidence 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

Traffic radar, which consists of microwaves, travels in straight lines and is easily reflected by objects such as cars, trucks, and 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 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 and K band radar, your detector 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 the device’s radar detection abilities are fully operational.

### How Laser Works

Laser is a newer technology whose use is not as widespread as conventional radar; therefore, you may not encounter it on a daily basis. And unlike radar detection, laser is not prone to false alarms. Because laser 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 laser, however. Laser is much more sensitive to weather conditions than radar, and a laser gun’s range will be decreased by anything affecting visibility, such as rain, fog or smoke. A laser gun cannot operate through glass, and it must be stationary to get an accurate reading. Because laser must have a clear line of sight and is subject to cosine error (an inaccuracy that increases as the angle between the gun and the vehicle increases), police typically use laser equipment parallel to the road or from an overpass. Laser can be used day or night.

### How POP Works

POP 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 radar gun manufacturers, tickets should not be issued in pop mode.
How TSR Works
ESCORT Max 360 includes a new boost in anti-falsing software to eliminate excessive alerts from erroneous X and K band sources, such as traffic flow monitoring systems. These systems, which are becoming more widely used in several countries, generate K band signals to measure the flow of traffic on a given road. Unfortunately, most detectors see this as a real threat and will alert you to it unnecessarily. Our new proprietary software, TSR, intelligently sorts, ranks and rejects these types of false alarms automatically. The result is ultimate protection without excessive false alarms.

How Red Light Cameras Work
Red light cameras use three basic things: a camera, a device to trigger the camera and a computer. An intersection may have more than one camera to monitor traffic from multiple directions. The trigger is typically a series of wires buried just beneath the surface of the road. These wires are separated by a pre-set distance to create a magnetic field or induction loop. Once a vehicle is in the intersection, the loop or circuit becomes closed and alerts the computer to take a picture.

In some states, tickets are issued to the car’s owner, no matter who’s actually driving. In this case, the red light camera only needs to photograph the vehicle’s rear license plate. In other states, the actual driver is responsible for paying the ticket. In this case, the system needs a second camera in front of the car to get a shot of the driver’s face.

How Speed Cameras Work
There are several types of fixed position speed cameras used, including radar, laser, induction-loop and photo-based. Radar and laser based cameras are typically mounted near the road and transmit a short range signal across the lanes monitored. Since this signal is transmitted across the road instead of down the road like with many handheld systems, detecting them in time is critical.

Another technology used is an induction loop system. This type of system utilizes wires buried just beneath the surface of the road to trigger a computer that calculates speed between the two points. Photo based systems take two sets of pictures of all passing vehicles between two separate fixed locations. Both sets of photographs are date and time stamped, which enables the system to calculate average speed between the two locations.

Fixed speed cameras can also be set up to monitor one to four lanes of traffic in the same direction. To achieve this, a sensor is installed in each lane, and a wide angle camera lens is used to photograph the vehicle that is speeding.

How GPS Works
Developed by the U.S. military, the global positioning system (GPS) is made up of 24 orbiting satellites. There are at least four satellites visible at any given time every day. A GPS receiver is designed to locate and receive data from four of these satellites. These data include the distance to your location from each of the satellites. Once the distance from each satellite is known, the receiver can calculate and pinpoint your exact location.

Understanding Your Detector
Software Updates
ESCORT Max 360’s red light and speed camera Defender Database is easily updated using our exclusive detector software tools found on our website. Firmware, or the operating software for the detector, can also be updated using these tools.

To access these updates, please register your ESCORT Max 360 at EscortRadar.com. Once registered, you will receive email notifications that updates are available for your database or firmware. To handle your software and database updates, you will need to connect ESCORT Max 360 to a computer via USB A/mini B cable (not included).
Problem: Detector beeps briefly at the same location every day, but no radar source is in sight.

Explanation/Solution: An X band motion sensor or intrusion alarm is located within range of your route. If you have AutoLearn enabled, the factory default setting, then ESCORT Max 360 will store this signal after about 3 passes and no longer alert to it.

Problem: Detector did not alert when a police car was in view.

Explanation/Solution: 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.

Problem: Detector’s audible alerts become softer after the first few alerts.

Explanation/Solution: Detector is in AutoMute mode. See “AutoMute” in the Settings & Preferences section for details.

Problem: The power-on sequence reoccurs while you are driving.

Explanation/Solution: A loose power connection can cause ESCORT Max 360 to be briefly disconnected and will retrigger the power-on sequence. Check all connections.

Problem: You wish to restore the factory setting.

Explanation/Solution: Press and hold the BRT and MRK buttons while you are driving. 360 to be briefly disconnected, and will retrigger the power-on sequence. Check all connections.

Problem: The device will not turn on.

Explanation/Solution: Check that vehicle ignition is on. Check all connections.

Problem: The display feels warm.

Explanation/Solution: It is normal for the device to feel warm.

Problem: The display is blank.

Explanation/Solution: ESCORT Max 360 is in Dark mode. Press the BRT button to adjust the brightness.

Troubleshooting

Service

Service Procedure
If your ESCORT Max 360 ever needs service, 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 Max 360 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. Ship the product prepaid insured, for your protection.

Properly pack your product and include:
- Your Max 360 and power cord
- Your Service Order Number
- Your name and complete return address
- Your daytime telephone number
- A description of the problem you are experiencing

ESCORT Inc.

Customer Service Department

Return Authorization Number __________________

5440 West Chester Road

West Chester OH 45069

ESCORT Extended Service Plan
ESCORT offers an optional extended service plan. Contact ESCORT Sales for details at 800-433-3487.

Parts & Accessories

The following accessories and replacement parts are available for ESCORT Max 360:
- Combo SmartCord
- DirectWire SmartCord
- Laser ShifterPro System
- StickyCup Magnet Mount
- Travel Case

Visit EscortRadar.com for selection and pricing.

800.433.3487

EscortRadar.com

Warranty

ESCORT One-Year Limited Warranty
What this warranty covers: ESCORT, Inc. ("ESCORT") warrants your Product against all defects in materials and workmanship.
For how long: One (1) year from the date of original purchase from an authorized Escort dealer.

What we will do: If a breach of warranty occurs, ESCORT, at its discretion, will either repair or replace your Product free of charge.
What we will not do: Escort will not pay shipping charges that you incur for sending your Product to us.

What you must do to maintain this warranty:
Show original proof of purchase or receipt from an authorized Escort dealer.

Warranty exclusions: This warranty does not apply to your product under any of the following conditions: 1. The serial number has been removed or modified. 2. Your product has been subjected to misuse or damage (including water damage, physical abuse, and/or improper installation). 3. Your product has been modified in any way. 4. Your receipt or proof-of-purchase is from a non-authorized dealer or internet auction site, including E-bay, U-bid, or other non-authorized resellers. 5. You are not the original purchaser of the product from an authorized dealer or did not receive it as a gift from the original purchaser of the Product from an authorized dealer.

To obtain service: 1. Contact Escort (1-800-543-1608) to obtain a Return Authorization Number. 2. Properly pack your Product and include: your name, complete return address, written description of the problem with your Product, daytime telephone number, and a copy of the original proof of purchase or receipt. 3. Label the outside of the package clearly with your Return Authorization Number. Ship the Product pre-paid (insured, for your protection) to: Escort, Inc., 5440 West Chester Rd., West Chester, OH 45069.

LIMITATION OF WARRANTY: The obligations set forth above are ESCORT’s sole obligations and your exclusive remedy. ESCORT makes no other express warranty. Any implied warranty of merchantability or fitness for a particular purpose that may be applicable to the Product is limited in duration to the duration of this warranty. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. ESCORT SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES ARISING OUT OF THE USE, MISUSE OR MOUNTING OF THE PRODUCT. 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. Escort is not responsible for products lost in shipment between the owner and our service center.

Other legal rights: This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.