Designed in the USA
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FCC NOTE: Modifications not expressly approved by the manufacturer could void the user's FCC granted authority to operate the equipment.

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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For iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6s and iPhone 6 Plus.

4G/LTE, GPS, WiFi, Bluetooth®, Lightning®.
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.

- 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!

High Definition Radar-Laser Detector

Max 360 Features

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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.)

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 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

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.
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

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 and SEN buttons. See Settings & Preferences for details.

Press to adjust detector sensitivity:
- Highway
- Auto
- Auto No X

The SEN button allows you to select your preferred radar sensitivity: Highway, Auto, or Auto No X. In this mode, you can access and customize all of ESCORT Max 360’s settings and preferences.

AutoPower
This feature automatically turns off ESCORT Max 360 after a set period of time to save unnecessary drain on your battery. This is especially useful if your vehicle has a constant-power ignition. See the Settings & Preferences section for details on how to customize the AutoPower feature.

NOTE: When AutoPower is ON, the display will go dark after the vehicle has been sitting still for 30 minutes, to save screen life. The screen will turn back on automatically once your vehicle reaches a speed of 10 mph.

Volume
To adjust ESCORT Max 360 to your preferred audio level for alerts, simply press and hold + or –. The audio will increase/decrease while it is depressed. Once you reach the desired audio level, simply release the button. ESCORT Max 360 will retain this setting in its memory, even if the system is turned off.

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.

Display Color
Your detector screen can be displayed with blue, green, red or amber accents to match the dashboard lighting of various vehicles. See the Settings & Preferences section for details on how to change the display color.

ESCORT MAX 360 offers seven different alert areas:

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

SmartMute
ESCORT MAX 360’s display brightness is automatically adjusted to suit ambient lighting conditions in your car. (The light sensor is located inside the controller, so the display may dim momentarily when you access the buttons.) If you prefer, you can press the BRT button to set a fixed brightness level.

Auto
Automatically adjusts brightness (factory setting)

Dark
Minimum
Medium
Maximum

NOTE: If you select Dark mode, the display will not provide any indication that it is on. Therefore, only audible alerts will notify you of detected signals.

Speed Display
ESCORT MAX 360 displays your current speed just to the right of the Over-Speed Alert setting (or posted speed limit for your current location, if connected to ESCORT Live). If you prefer, you can turn off the speed display feature (see Settings & Preferences section for details). If speed display is OFF, ESCORT Max 360 will simply display your battery voltage in this location.

Display Speed ON:
- Current speed
- Battery voltage

Display Speed OFF:
- Current speed
- Battery voltage

Radar Sensitivity
The SEN button allows you to select your preferred radar sensitivity: Highway, Auto or Auto No X. In general, ESCORT recommends Auto for everyday driving.
**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.

**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 Alerts**
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 first time will silence the audio. Pressing a second time will generate a prompt on the display that will read "Unlock?". Pressing the detector or SmartCord MUTE button again to unlock it from 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.

**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 Max 360 Alert Tones provided by the ESCORT Max 360 feature. ESCORT Max 360 offers seven different settings for displaying alerts:

- **Standard FR1**
The Standard FR1 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.

- **Mild**
Mild mode offers softer, simpler alert tones that are less obtrusive to the driving experience:
  - X band, K band, Ka band and Pop = Doorbell chime
  - Low signal strength = Double chime
  - High signal strength = Triple chime
  - If alert remains in area more than 15 seconds = Single chime (as a reminder)
  - Laser = Solid brake tone

Since laser signals are a possible threat no matter how mild, 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 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.
Settings & Preferences

Standard FR2
The Standard FR2 option can provide information on the type and direction of up to two threats. (ESCORT Max 360 will determine which threats are the most important to display.) In this mode, the display shows the bands of threats as well as front and/or rear bar graphs indicating their direction.

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 being received.

Spec FR2
The Spec FR2 option is also an advanced display for experienced detector users. In this mode, ESCORT Max 360 will display the type and direction of up to two threats (with front and/or rear bar graphs of signal strength), as well as the actual numeric frequencies for each.

Expert FR
ESCORT’s exclusive Expert FR option is also designed for the advanced detector user. In this mode, ESCORT Max 360 will display the type and direction of 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, K band and two X bands are being displayed. The 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.

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

1. **Arrow mode: Single; Meter mode: Standard FR1**
   - In Single arrow mode, arrows are displayed indicating only the direction of the primary threat. All arrows use your selected display color.

2. **Arrow mode: Multiple; Meter mode: Standard FR2**
   - In Multiple arrow mode, threat-direction arrows are displayed for multiple threats. When multiple threats are detected, the display will show the bands of threats as well as front and/or rear bar graphs of signal strength. In the image above, the top red arrow indicates a Ka threat is ahead, is blinking because it is the primary threat. The front and side arrows will match your selected display color while the rear arrow will be the opposite color. If your display color is blue or green, then the rear arrow will be red. If your display color is red or amber, then the rear arrow will be green. In the example shown in the picture above, the blue top arrow is blinking because it is the primary threat.

3. **Arrow mode: Band; Meter mode: Standard FR2**
   - Band
   - In Band arrow mode, the threat-direction arrows are color-coded for the band that is being detected. When multiple threats are detected, 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 = blue
   - 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.

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.

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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).

Press BRT to go from one category to the next Press + or – to change your setting within a category

### User Mode
- **Advanced**
- **Novice**

Access and customize all Settings and Preferences. Access and customize units and display color, (all other settings are set to factory defaults). **NOTE: Switch to Advanced mode to view all Preferences**

### Pilot Mode
- **Scanning**
- **Full Word**

Scanning Bar with Full Word Full Word: Auto, Auto NoX, or Highway

### Arrow Mode
- **Single**
- **Multiple**

Displays blue threat-direction arrow for primary alert band Displays threat-direction arrows for multiple alerts, based on Meter Mode settings. Front radar alert band = blue, Rear radar alert band = red Displays color coded threat-direction arrows for multiple alert bands, based on Meter Mode settings. X = green, K = blue, Ka/Laser = red

### Display Color
- **Blue**
- **Green**
- **Red**
- **Amber**

Set color to match your vehicle’s dash display

### Speed Display
- **On**
- **Off**

Displays current speed Displays battery voltage

### 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**
- **Spec FR**
- **Expert FR**

Primary alert band, with bar graph of signal strength Primary alert band, with numeric frequency and front and rear bar graph(s) of signal strength Primary alert band, with numeric frequency and front and rear bar graph(s) of signal strength

### Tone
- **Standard**
- **Standard+**
- **Mild**

Standard ESCORT alert tones Standard ESCORT alert tones for primary alert and double beep tones for additional alerts Mild distortion chime alert tones

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

Automatically reduces audio to preferred volume during alert

### AutoLearn
- **On**
- **Off**

Automatically stores and locks out false alarms

### Units
- **English**
- **Metric**

Units for distance and speed

### Language
- **English**
- **Espanol**

Language for voice and text

### Voice
- **On**
- **Off**

Voice announcements

### GPS Filter
- **On**
- **Off**

 Enables GPS-powered features

### AutoPower
- **Off**

Power turns on or off depending on your vehicle’s ignition type (constant power or switched)

### Band Enables
- **Default**
- **Modified**

Default Settings for North America Customize the bands you want to monitor

### Band Enables
- **Default**
- **Modified**

Default Settings for North America Customize the types of locations you want to mark for future reference

### Press SEN to modify band preferences and go from one category to the next

<table>
<thead>
<tr>
<th>Band</th>
<th>X Band</th>
<th>K Band</th>
<th>Laser</th>
<th>TSR</th>
</tr>
</thead>
<tbody>
<tr>
<td>On*</td>
<td>On*</td>
<td>On*</td>
<td>On*</td>
<td>On*</td>
</tr>
</tbody>
</table>

All laser guns used in North America Automatically rejects traffic-flow-sensor false alarms

### Clear Locations
- **Marked**
- **Marked Lockouts**
- **Defender**
- **Format**

Clear all user-marked locations. Press SEN button to confirm Clear all DEFENDER Database data. Press SEN button to confirm Clear DEFENDER Database, all markers, and all lockouts. Press SEN button to confirm

### 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.
Understanding Your Detector

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.

<table>
<thead>
<tr>
<th>Alert</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detector begins to sound slowly with front arrow displayed. Rate of alert increases until it becomes a solid tone. The signal meter ramps accordingly.</td>
<td>You are approaching a continuous radar source aimed in your direction.</td>
</tr>
<tr>
<td>Detector emits short alerts for a few seconds with front arrow displayed then falls silent, only to briefly alert and fall silent again.</td>
<td>An instant-on radar source is being used ahead of you and out of your view.</td>
</tr>
<tr>
<td>Detector suddenly sounds a continuous tone for the appropriate band received.</td>
<td>An instant-on radar or laser source is being used nearby. This kind of alert requires immediate attention.</td>
</tr>
<tr>
<td>Detector sends a brief laser alert with all direction arrows displayed.</td>
<td>Laser is being used in the area. Because laser is inherently difficult to detect, any laser alert may indicate a source very close by.</td>
</tr>
<tr>
<td>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.</td>
<td>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.</td>
</tr>
<tr>
<td>Detector alerts slowly for a while with front direction arrow displayed then abruptly jumps to a strong alert.</td>
<td>You are approaching a radar unit concealed by a hill or an obstructed curve.</td>
</tr>
<tr>
<td>Detector alerts intermittently with front direction arrow displayed. Rate and strength of alerts may be consistent or vary wildly.</td>
<td>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.</td>
</tr>
<tr>
<td>Detector alerts intermittently with front direction arrow displayed. Rate and strength of signal increases with each alert.</td>
<td>A patrol car is approaching from the other direction, sampling traffic with instant-on radar. Such alerts should be taken seriously.</td>
</tr>
<tr>
<td>Detector gives an X band alert intermittently with the front direction arrow quickly changing to side arrows then to the rear direction arrow.</td>
<td>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.</td>
</tr>
</tbody>
</table>

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 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 signal 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 speed detection is actually light detection and ranging (LiDAR). Laser guns project a beam of invisible infrared light. The signal is a series of very short infrared light energy pulses that move in a straight line, reflecting off your car and returning to the gun. Laser 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.

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.

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 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.
### Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Explanation/Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detector beeps briefly at the same location every day, but no radar source is in sight.</td>
<td>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.</td>
</tr>
<tr>
<td>Detector did not alert when a police car was in view.</td>
<td>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.</td>
</tr>
<tr>
<td>Detector’s audible alerts become softer after the first few alerts.</td>
<td>Detector is in AutoMute mode. See “AutoMute” in the Settings &amp; Preferences section for details.</td>
</tr>
<tr>
<td>The power-on sequence reoccurs while you are driving.</td>
<td>A loose power connection can cause ESCORT Max 360 to be briefly disconnected and will retrigger the power-on sequence. Check all connections.</td>
</tr>
<tr>
<td>You wish to restore the factory default settings.</td>
<td>Press and hold the BRT and MRK buttons while powering on the detector. A “Restored” message will display, acknowledging the reset.</td>
</tr>
<tr>
<td>The device will not turn on.</td>
<td>Check that vehicle ignition is on. Check all connections.</td>
</tr>
<tr>
<td>The display feels warm.</td>
<td>It is normal for the device to feel warm.</td>
</tr>
<tr>
<td>The display is blank.</td>
<td>ESCORT Max 360 is in Dark mode. Press the BRT button to adjust the brightness.</td>
</tr>
</tbody>
</table>

### 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.

### 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 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.

### 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