

#### **What is the range of detection?**

The range of detection is approximately 1 - 1½ miles. 1 mile for curves on road, 1½ miles for straight road unless the police use "instant On Radar".

#### **What do the different bands, X, K, Superwide Ka represent?**

X-band- the first band used for traffic radars. It uses a frequency of 10.525GHz.

K-band- traffic radar units are lower powered and more difficult to detect than X-band, it operates at 24.15GHz.

Superwide Ka-band - operates on any frequency between 33.4 and 36.0GHz.

#### **What is VG-2?**

Also known as a "Radar Detector Detector," will alert you when a police device is in use near your vehicle. In addition to speed traps, in the state of Virginia and Washington D.C., radar detectors are illegal. Therefore, drivers need to activate or deactivate the VG-2 feature.

#### **What is LIDAR and how does it work?**

LIDAR is the correct name for LASER. It cannot penetrate through glass, can be effected by rain, snow, fog, smoke and other airborne dust particles.

#### **POWER CONNECTION**

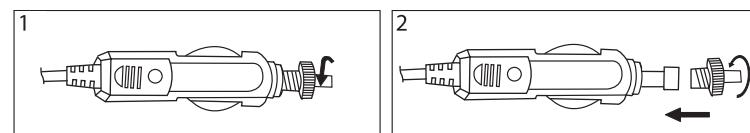
Your detector is designed to operate on most 12V DC negative ground vehicle electrical system. The power cord provided with the unit has a cigarette lighter socket plug at one end and a small connector on the other.

- 1 Insert the small connector into the jack on the side of the unit.
- 2 Insert the other end into the cigarette lighter socket of your vehicle.

#### **FUSE REPLACEMENT**

If the detector does not operate when you turn it on, remove the power adapter from the cigarette lighter or accessory outlet and carefully check the socket for debris. Also, check the fuse in the adapter and your vehicle's fuse box.

- 1 To replace the fuse, unscrew the top of the power adapter.
- 2 Remove and check the fuse to see if it has blown and then replace it.

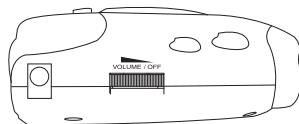


## OPERATION

### TURNING YOUR DETECTOR ON

Power On and Self-Test

- 1 Rotate ON/OFF/ Volume Control Dial clockwise.



- 2 Each time you turn your Early Warning on; an automatic self-test sequence confirms that the speaker and visual display are operational.



In some vehicles, power is supplied to the cigarette lighter even while the ignition is off. If this is the case in your vehicle, turn off or unplug your Early Warning detector when parking for long periods of time.

### SETTINGS/READING THE INDICATORS

#### REMEMBER:

When changing the settings in your EWR - 757:

- The buttons can have multiple functions.
- A different Tone Alert will be heard for a confirmation upon each change of settings.
- All settings are stored in memory from previously set modes after it is powered-off.

## FREQUENTLY ASKED QUESTIONS

### What is VASCAR?

VASCAR (Visual Average Speed Computer and Recorder) is a time/distance computer that determines a vehicle's average speed by timing it between two reference points usually white stripes painted on the roadway. Used both by ground units and aircraft, VASCAR uses no radio waves and therefore is not detectable. Officers typically sit at the top of a freeway on-ramp or other vantage point, timing traffic between the two reference points. It is rarely used at night. Watch for the telltale white stripes across the road that will reveal you're in VASCAR country. (Your Early Warning™ Radar Detector does not detect VASCAR.)

## CARE & MAINTENANCE

Your EarlyWarning™ is designed and built to give you years of trouble-free performance without the need for service.

No routine maintenance is required. If your unit does not appear to be operating properly, please follow these troubleshooting steps:

- 1 Make sure the power cord is properly connected.
- 2 Make sure the socket of your vehicle's cigarette lighter is clean and free of corrosion.
- 3 Make sure the power cord's cigarette lighter adapter is firmly seated in your cigarette lighter or accessory outlet.
- 4 Check the power cord fuse. (Unscrew the ribbed end cap of the cigarette lighter adapter and examine the fuse. If required, replace it with a 2A fuse only.)
- 5 Do not expose the detector to moisture, rain dew, road splash, or other liquids that can damage the internal components and sensitivity of the detector.



### To Turn Auto Mute On

Press and release the Mute button again while no alert is occurring.	Tone	Voice	Visual Display
	Two beeps	Auto Mute On	None

### To Turn Auto Mute Off

Press and release the Mute button while no alert is occurring.	Tone	Voice	Visual Display
	One beep	Auto Mute Off	None

### To Change From Highway Mode to City Mode

Press and release the City button.	Tone	Voice	Visual Display
	One beep	City	C appears in the display

### To Change From City Mode Back to Highway Mode

Press and release the City button again.	Tone	Voice	Visual Display
	Two beeps	Highway	H appears in the display

### To Change the Brightness to Dim

Press and release the Dim button once.	Tone	Voice	Visual Display
	One beep	Dim	Display dims

### To Change the Brightness to Dark

Press and release the Dim button again.	Tone	Voice	Visual Display
	One beep	Dark	Display remains dim (no visual alerts will be seen)

### To Change the Brightness to Bright

Press and release the Dim button a third time.	Tone	Voice	Visual Display
	Two beeps	Bright	Display returns to full brightness

## Understanding Radar and Laser

### Safety Alert

Alerts you with the following warning: Emergency Vehicle approaching, Road Hazard, Moving Train.

### City

- Your detector has two operating modes: City and Highway. In City mode, the detector requires a stronger X, K, Ka band signal before it sounds or displays an alert.
- City mode prevents false alerts in densely populated areas where radar signals can bounce off surrounding structures.

### X-Delete

You can select X-band Delete Mode. It will reduce false alarms. To delete X-band, Press CITY button until the 4 Beeps sound. Do-Mi-Sol-Do tones go up is On and Do-Sol-Mi-Do tones go down is Off.

### 4 MUTE Selection

Each time you press Mute button, you can choose one of the following modes :

### Radar Speed Monitoring Systems

Four band frequencies have been approved by the Federal Communications Commission (FCC) for use by speed monitoring radar equipment:

X band	10.525 GHz
K band	24.150 GHz
Ka band	33.400 – 36.00 GHz
Ku band	13.435 GHz

Your detector detects signals in all four radar bands.

### VG-2 and Spectre 1

VG-2 and Spectre 1 are "detector detectors" that work by detecting low-level signals emitted by most radar detectors. Your detector does not emit signals that can be detected by VG-2 or Spectre 1, but does detect VG-2 and Spectre 1 signals and will alert you when a device is in use near your vehicle, if you so choose.



### Early Warning Traffic Warning System



FCC-approved Safety Alert indicate the presence of a safety-related concern. Depending on the frequency of the signal emitted, it can indicate a speeding emergency vehicle or train, or a stationary road hazard.

Because these microwave signals are within the K band frequency conventional radar detectors will detect Safety Alert signals as standard host K band radar. Your detector, however, is designed to differentiate between standard K band and Safety Alert signals, and give separate alerts for each.

Safety Alert technology is relatively new. Safety Alert transmitters can be found in limited numbers in all 50 states, but the number is growing. Depending on your location, you may not receive these alerts regularly and may often encounter emergency vehicles, trains and road hazards without being alerted. As the number of transmitters increases, these alerts will become more common.



When you receive such an alert, please watch for emergency vehicles ahead of you, on cross streets and behind you. If you see an emergency vehicle approaching, please pull over to the right side of the road and allow it to pass.