

# OWNER'S MANUAL

## 1790SE

### LASER/RADAR DETECTOR

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If you have questions concerning the operation of this Whistler product please call consumer relations:

**1-800-531-0004**

Hours:  
Monday - Friday  
8:00 am - 5:00 pm CST

Please keep the receipt in a safe place. If the unit is returned without a dated proof of purchase an out of warranty service charge applies. **Note:** Your warranty period begins at the time of purchase. The warranty is validated **only** by return of the Warranty Validation card.

Now is the time to record the serial number of the unit in the space provided in the warranty section of the manual.

## INTRODUCTION

Dear Whistler Owner,

Technology has changed dramatically in 30 years and Whistler has weathered the changes in style. The 1790SE 30th anniversary edition was developed with all the technical know-how of those 30 years. We started with a proven detection circuitry with All Band™ and added top-of-the-line features such as:

**Memo-record up to 90 seconds**

**Digital Compass**-provides cardinal points and direction in 5 degree increments.

**Real Voice®**-allows you to keep your eyes on the road  
**Whistler's exclusive Safe Driving System**-incorporates the Safety Warning System (SWS), keeping you informed of road hazards as well as our unique Stay Alert system, it tests your alertness on long solo trips

**Vehicle Battery Saver and Monitor system**-battery saver turns the detector off if you forget and the monitor momentarily displays the vehicle's battery voltage

Even though the 1790SE is packed full of features, it is still very easy to use. To fully utilize the unit to its potential, we recommend reading this entire manual.

**NOTE: Compass must be calibrated before use!** See "Compass Calibration Set-up" section.

Enjoy the Whistler 1790SE and please drive safely.

Sincerely,

THE WHISTLER GROUP

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## WHISTLER FEATURES

Whistler 1790SE



Whistler's ergonomic and user-friendly design provides a new level of operating convenience. Special features include:

- 1. Bracket Release Button** – Provides quick and easy release of the mounting bracket.
- 2. Power Jack** – Provides connection for the power cord.
- 3. Speaker** – Provides distinct audio and Real Voice™ warnings for X, K, Ka band radar, safety radar, laser and VG-2.
- 4. Power/Dim/Dark Button** – Turns unit on/off and engages Dim/Dark modes (press and hold for 2 seconds).
- 5. Volume Up/Down Buttons** – Adjust volume up or down. Pressing both buttons enter compass calibration mode. In memo mode, select one of nine messages.

## WHISTLER FEATURES

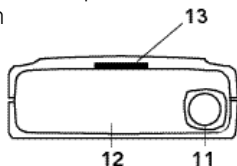
**6. High Visibility Display** – Provides distinct visual confirmation of signals detected, signal strength, and indicates engaged modes of operation.

**7. Quiet/Menu Button** - Pressing QUIET before a signal is detected engages Auto Quiet Mode which automatically reduces the audio level after the initial warning to a low audio level setting. Pressing QUIET during a radar/laser encounter silences audio alerts, while allowing visual alerts to keep you informed. Pressing and holding for 2 seconds allows you to enter Option Select Mode (see page 16).

**8. CITY/CITY 1/CITY 2 Button** - Reduces the annoyance of false alerts typically encountered in urban driving areas.

**9. Memo Button** - Pressing Memo enters Memo Mode feature. Press & hold (3 seconds) unit will momentarily display vehicle battery voltage.

**10. Laser Antenna (Rear)** - An integrated optical waveguide provides superior detection of laser signals transmitted from



**11. Laser Antenna (Front)** - High gain optical lens provides increased sensitivity and field of view for leading-edge laser detection.

**12. Radar Antenna** - Compact, high-efficiency antenna receives radar signals.

**13. Mounting Bracket Location** - Slot holds mounting bracket firmly.

## WHISTLER FEATURES

### Accessories

Accessories included are highly functional and easy to use.

**Power Cord** - Connects to the unit's power jack and your vehicle's lighter socket.

**Windshield Bracket** - Allows installation of unit on your vehicle's windshield.

**Hook & Loop Fasteners** - Designed to secure the unit on a level dashboard.

## INSTALLATION

### Mounting Guidelines

- Mount the unit as low and level as possible near the center of the windshield. **Unit must be level for compass to function properly.**
- Do not mount your unit behind wipers, ornaments, mirrored sunscreens, etc. These obstructions have metal surfaces which can affect radar and laser signals and reduce critical warning time. (Regular tinted glass does not affect reception.)
- Some windshields have an Instaclear™ or Electriclear™ type coating, which affect radar signals. Consult your dealer or the owner's manual supplied with your vehicle to determine if your windshield has this coating.
- Avoid placing unit in direct contact with windshield.
- To reduce the possibility of theft, conceal your unit when not in use.

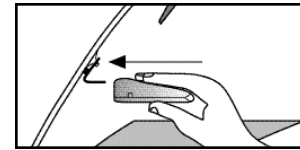
### Windshield Mounting

- Install the two suction cups and rubber bumper onto the bracket by fitting them into their holes.
- Press the suction cups onto the windshield at the location you have chosen. **IMPORTANT: Some newer cars have a plastic safety coating on the inside of the windshield. The suction cups may leave permanent marks on this type of surface. To find out if your vehicle has this type of windshield, check the owner's manual or ask your dealer. We recommend that you do not leave the suction cup bracket on the window in direct sunlight. If the detector is removed, this may cause blistering of the dash in some vehicles.**

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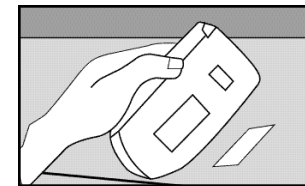
## INSTALLATION

- Slide the detector onto the bracket until it locks into place.
- If necessary, the unit may be leveled by bending the windshield bracket. Press the bracket release button and remove the detector before bending.



### Dash Mounting

- Make sure the mounting location you have chosen is relatively level and is clean and dry. Clean with isopropyl alcohol if necessary to remove any waxes or polishes.
- Separate the fastener strips. Peel the paper backing off each strip and adhere one piece to the dash and the other piece to the bottom of the unit, taking care **not to cover the serial number.**



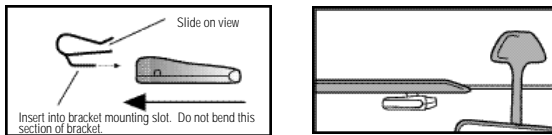
Be careful not to place the fastener strip over the unit's serial number. If the fastener strip is removed, the serial number may be pulled off the unit. Units without serial numbers are not covered under warranty.

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## INSTALLATION

### Visor Mounting (optional accessory)

- Slide the visor bracket into the bracket mounting slot.
- Clip the visor bracket onto the visor making sure it is relatively level and has a clear view of the road.



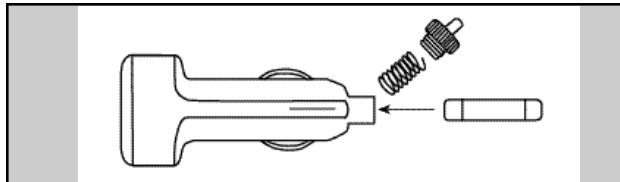
### Power Connection

- Plug the small end of the power cord into the unit's power jack.
- Plug the large end into the vehicle's cigarette lighter.

### Fuse Replacement

The lighter socket plug is equipped with a replaceable 2 amp 3AG fuse located behind the silver tip. To replace the fuse, carefully unscrew the tip of the plug. **(IMPORTANT:** Unscrew slowly. The tip contains a spring which may fly out when disassembling.) Insert the new fuse with the spring and screw on the tip. **With use, screw cap on plug may loosen.**

**Retighten occasionally.**



Unscrew the tip of the lighter socket plug carefully when replacing the 2 amp fuse.

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## INSTALLATION

### Compass Calibration Set-up

The unit will need to be calibrated in order for the compass to provide accurate readings. To calibrate the unit, perform the following procedure:

1. Mount the unit level in the center of the vehicle's windshield in which it will be used. Make sure there are no other magnetic sources near the detector (i.e., speaker).
2. Select a large clear area (parking lot or field) without any power lines.
3. While parked, press both volume buttons simultaneously until unit displays:

CAL MODE

4. Drive vehicle slowly in two complete circles. If calibration does not automatically finish press both volume buttons simultaneously to complete calibration. The unit will beep twice and display:

CAL DONE  
↓  
NE 45°  
Show Cardinal Points and Headings

Note: If unit mounting is relocated in the vehicle, (i.e., visor to windshield mounting or dash mounting), or if the unit is moved to another vehicle, you must recalibrate the compass.

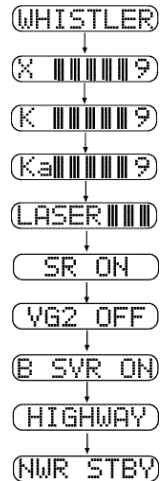
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## OPERATION

### Power On And Self-Test

Each time your Whistler detector is turned on, an automatic self-test sequence confirms that the speaker and visual displays are functional.

- Press  (Power) or apply Power. Display reads:



### Integrated Real Voice

When selected, Real Voice will be used to articulate the following:

1. Band Identification
2. Safety Warning System messages

NOTE: In certain cases the voice message does not replicate the text message.

3. Feature Selection

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## OPERATION

### Memory/Beep Confirmation

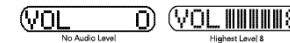
All features selected (except Stay Alert and Quiet) are retained in memory. Each time a button is pressed one beep confirms feature "on", two beeps confirm feature "off".

### Audio Level Adjustment

The audio levels can be adjusted high to low, or low to high, in nine steps: (0) is no audio level, (8) the highest.

- Press Volume  up to increase audio level.
- Press Volume  down to decrease audio level.

As audio level is adjusted, beeps are provided and the display indicates volume level. Example:



### Compass Mode

The 1790SE is programmed from the factory in "Combo Mode". Combo mode means that the unit provides both compass readings as well as detecting laser/radar signals. Through the "Option Select Mode" (page 16) or the "Mode" Button, the unit can be changed to operate in Radar Mode (detection of all police bands and laser (no compass) or Compass Mode (no detection of police laser radar). Note: The unit must be calibrated to provide accurate compass readings. See Compass Calibration Set-up section on page 9.

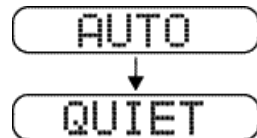
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## OPERATION

### Auto Quiet Mode

Auto Quiet reduces the selected audio level to level (1) approximately 5 seconds after a radar or safety radar signal is detected. The alert for any new signal within 20 seconds will resume at level (1). Auto Quiet does not affect VG-2 or laser alerts.

- Press Quiet/Menu (before a signal is detected) to engage Auto Quiet. Display reads:



- Once the Auto Quiet mode is engaged, you may cancel the audio alarm by pressing Quiet.
- Press Quiet (when the unit is not alarming) to cancel Auto Quiet mode.

### Quiet Mode

Quiet cancels audio during an alert and any new alert within 20 seconds. After 20 seconds, approximately 2 beeps are provided on any new alert and unit then remains quiet.

- Press Quiet to cancel the audio.
- Press Quiet a second time during an alert to restore the standard audio alert pattern; or turn the unit off, then on.

## OPERATION

### City/City 1/City 2 Mode

Whistler's Three Stage City Mode is designed to reduce the annoyance of automatic door openers, intrusion alarms and other devices which share frequencies with police radar. Generally X band is used for these devices.

- Press City to engage City. Display reads:

CITY

- Pressing City a second time engages City 1. Display reads:

CITY 1

- Pressing City a third time engages City 2. Display reads:

CITY 2

- Pressing City a fourth time cancels City, City 1, and City 2. Display reads:

HIGHWAY

In City Mode, weak speed/safety radar signals give an initial alarm of two beeps, and then remains quiet unless the signal becomes very strong. When the signal strength increases, two additional beeps are provided. In City 1 Mode, only the X band sensitivity is lowered. In City 2 Mode, X-band is not detected. **CAUTION:** When selecting this mode, some towns/small cities may still be using X band radar.


If Auto Quiet is engaged in City 1 or City 2 modes and the unit receives a strong radar signal, the unit performs the Auto Quiet feature. City Modes do not change the audio alert for laser or VG-2.

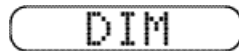



## OPERATION

### Dim/Dark Mode

Dim/Dark Mode reduces the illumination of the display.


- Press and hold  (Power) for 2 seconds to reduce illumination to a Dim setting. Display reads:



- Pressing and holding  for 2 seconds a second time engages Dark Mode. Display reads:



Dim or dark can be engaged during an alert. In Dark Mode, the display goes dark for as long as a signal is being detected and for 20 seconds after, then the display returns to the dimmer setting.

- Pressing and holding  a third time restores full illumination to the display.


### Engaging/Disengaging VG-2

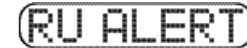
See Option Select Mode to turn this feature on.





## OPERATION

### Stay Alert Feature

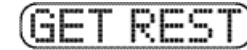
The Stay Alert Feature is designed to test a driver's alertness. To engage (when unit is not alarming):


- Press and hold  for approximately 2 seconds. Release the button during or immediately after the alert is given. Display reads:



Within 30-60 seconds two beeps are sounded; to show alertness, the driver must press either the   (Volume),  or  (Quiet) button within 3-5 seconds. If the button is pressed within 3-5 seconds, the cycle is repeated.

If a button was not pressed within 3-5 seconds alarm sounds and the display reads:



- Press  (Power) to exit.

**WARNING!!!** Stay Alert is NOT intended as a substitute for adequate rest. You should NOT operate a vehicle if you are drowsy. During extended periods of vehicle operation, you should take frequent breaks. Improper reliance on the Stay Alert feature may result in vehicle damage, personal injury or death. **NEVER OPERATE A VEHICLE IF YOU ARE DROWSY.**

## OPERATION

### Option Select Mode

Entering Option Select Mode allows you to customize options such as Tone Select, Compass Select, Abbreviated Power Up Sequence and VG-2 Mode. When selecting options, the or must be pressed within 20 seconds or options mode will automatically be exited. To enter:

Press  (Quiet)	*Display	To Change, Reads:	Option: Press
For 2 seconds	COMBO	or	Combo=Radars & Compass Radars=No Compass Compass=No Radars
2nd time	TONE 3	= YES = NO	Tone 1, 2, or 3 (3 different X, K, Ka patterns)
3rd time	TEST YES	= ON = OFF	X, K, Ka Audio tones 1 beep during Power Up
4th time	VG2 OFF	= ON = OFF	Turns VG-2 On Turns VG-2 Off
5th time	SAFETY ON	= ON = OFF	Turns Safety Radar On Turns Safety Radar Off
6th time	VOICE ON	= ON = OFF	Real Voice engaged Real Voice disengaged
7th time	B SVR ON	= ON = OFF	Battery Saver On Battery Saver Off
8th time	X Yes	= ON = OFF	X Band On X Band Off
9th time	K Yes	= ON = OFF	K Band On K Band Off
10th time	Ka Yes	= ON = OFF	Ka Band On Ka Band Off
11th time	Laser Yes	= ON = OFF	Laser On Laser Off

\*Factory settings.

Press anytime to exit. 16

## OPERATION

### Teach/Tutorial Mode

Provides simulated alerts for each type of signal.

- Press City and (Quiet) simultaneously and release. Display reads:

Quiet mode can also be accessed while Teach/Tutorial mode is engaged.

- Press (Power/Play) to exit.

### Memo Mode

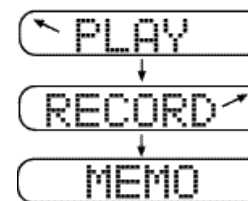
Record up to nine distinct message tracks for a total of 90 seconds, one 90 second message or any combination in between.

**IMPORTANT:** Unit does not detect radar or laser signals during recording or while playing a memo.

**WARNING!!!** Memo mode is not intended to be used while you are driving. You should not use any device in a vehicle that may distract you from observing the road ahead.


To record or play a message (Memo mode):

- Press memo button and release. The unit will beep once; this enters Memo mode. Display reads:




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## OPERATION




- Press and release the  (Quiet/Record) button to begin a recording. Note: Recording starts as soon as the button is released. Display reads:



REC = record, 1 = track #, 8 = time remaining


If the recording time expires for a track, the unit will automatically switch to the next track. Press and release  (Quiet/Record) again to stop recording. The unit will automatically stop recording once track 9 is completed.

To play a message:




- Enter Memo mode and press  (Power/Play) to listen to recorded messages.
- To play a selected track, press  (Volume Up) or  (Volume Down) button until selected track appears on the display. Display reads:



PLY = play, 1 = track #, 8 = time remaining

- Press the  (Power/Play) button. Messages are kept in memory and are not affected by resetting the factory features. See "Reset Features" section of the manual.

To delete a message:

- Enter Memo mode and press  (Volume Up) or  (Volume Down) button until selected track appears on the display.
- Press the  (Quiet/Record) button twice.

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## OPERATION

To exit Memo mode:


- Press memo button and release. The unit will beep twice. NOTE: Memo mode automatically exits within 20 seconds if a button is not pressed.

### Vehicle Battery Saver Mode

The Vehicle Battery Saver Mode automatically shuts off your detector within 3 hours if you forget to turn it off. The timer is reset if the detector is turned off, unplugged or any button is pressed before the 3 hours have expired. The detector will alert you with an audible and visual warning before it shuts off. Display reads:



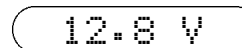
During this warning you can momentarily reset the unit by pressing any button. This will reset the timer.

If the unit has automatically turned itself off, press the  (Power/Play) button to turn the unit back on. You can manually engage the Vehicle Battery Saver Mode by pressing and holding the City button until one beep is heard.

Refer to "Option Select Mode" for instructions for deactivating battery saver mode feature.

### Vehicle Battery Monitor

The vehicle's battery voltage can be momentarily displayed by pressing and holding the Mode button for 3 seconds. Display reads:

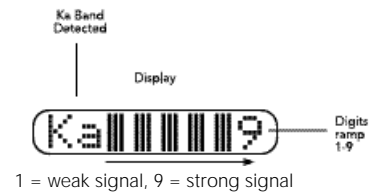


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## RADAR- ALERTS

### Speed Radar Audio/Visual Alerts

When X, K or Ka is detected the band ID and signal strength is displayed. The audio alert is continuous and has a geiger counter-like pattern. The faster the beep the closer or stronger the radar source. Example:



### Pulse Protection®

When a pulse type signal (instant on strong signal) is detected an urgent 3 second audio warning is sounded and the display reads:

PULSE

After 3 seconds standard alert pattern continues.

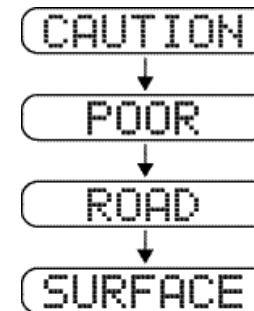
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## SAFETY RADAR ALERTS

In communities where transmitters are located, the Safety Warning System displays over 60 text messages. When Safety Radar is detected the audio alert is geiger counter-like.

### Safety Warning System Text

Example: Poor Road Surface:



Note: Not all areas have Safety Warning System transmitters. Visit Safety Warning Systems web page at [www.safetyradar.com](http://www.safetyradar.com) for SWS locations.

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## LASER/VG-2 ALERTS

### Laser Audio/Visual Alerts

When a laser signal is detected the word "Laser" and signal strength is displayed, the audio alert is continuous for a minimum of 3 seconds. Example:

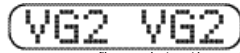


The more "|||||" the closer the laser source.

### VG-2 Audio/Visual Alerts

Note: You must turn this feature on in option select mode before it will detect VG-2.

When a VG-2 signal is detected, the detector "hides" its own radiated signal and becomes undetectable by the VG-2.



Text message confirms detection of VG-2.

Every 30 seconds, the detector checks for a VG-2 signal. If a VG-2 signal is still detected, the unit continues to hide and repeats the VG-2 alert. If no signal is detected, two beeps are provided, indicating an "all clear" condition. During VG-2 Alert X, K, and Ka band signals cannot be received. (Reference page 27 for VG-2 information.)

### Alert Priority

When two or more signals are received at the same time, the alert priority is:

1. Laser
2. VG-2
3. Speed Radar
4. Safety Radar

Example:





If X band is alerting, then suddenly VG-2 is detected, the VG-2 warning will override the X band alert.

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## RESET FEATURES

### Reset Features

All user features can be reset to factory settings.

- Unplug Power Cord from unit.
- Press and hold  (Power) and  (Quiet).
- Plug Power Cord into unit.
- Wait for 2 beeps.
- Release  and . Unit is now reset.

1. Audio to level (4).
2. Display reads Highway.
3. Dim/Dark Mode to full illumination of display.
4. Auto Quiet Mode OFF.
5. VG-2 Detection Mode OFF.
6. Voice ON.
7. Combo ON.
8. Safety ON.
9. Vehicle Battery Saver ON.
10. Full Power Up sequence.
11. Default TONE 3.
12. Unit ON or OFF.
13. All Band ON.

**NOTE:** Must recalibrate compass after resetting detector.

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## CARE & MAINTENANCE

### Care And Maintenance

During the summer months, avoid prolonged exposure to direct sunlight by removing your unit from the dash when your vehicle is parked for an extended period of time.

Do not spray water, cleaners or polishes directly onto the unit. The spray may penetrate through the openings and damage the unit. Also, do not use any abrasive cleaners on the unit's exterior.

## TROUBLE SHOOTING GUIDE

Your Whistler detector is expertly engineered and designed to exacting quality standards to provide you with reliable, trouble-free operation. If your unit has been correctly installed following the guidelines in this manual, but is not operating optimally, please refer to the troubleshooting guide below.

<p><b>PROBLEM:</b> No display or audio.</p> <ul style="list-style-type: none"><li>• Check fuse in Whistler plug; replace if necessary with a 2 amp 3AG type.</li><li>• Check fuse for lighter socket; replace if necessary.</li><li>• Make sure lighter socket is clean.</li></ul>
<p><b>PROBLEM:</b> Unit alarms when vehicle hits bumps.</p> <ul style="list-style-type: none"><li>• Check for loose lighter socket; tighten and clean.</li><li>• Check connections at both ends of power cord. Substitute another cord to determine if cord is defective. Return defective cord to the factory.</li></ul>
<p><b>PROBLEM:</b> Unit alarms when using vehicle equipment, electrical accessories (brakes, power mirrors/windows, directionals, horn, etc.), or when accelerating.</p> <ul style="list-style-type: none"><li>• Vehicle's electrical system, including battery and alternator, may have electrical noise. Install a filter capacitor (470mfd. 25 volt or larger capacitance value) on the back of the lighter socket.</li></ul>
<p><b>PROBLEM:</b> Audio alerts are not loud enough.</p> <ul style="list-style-type: none"><li>• Cancel Auto Quiet Mode or City Mode.</li><li>• Check audio level setting (see page 00 - 00).</li></ul>
<p><b>PROBLEM:</b> No X band signals.</p> <ul style="list-style-type: none"><li>• Cancel City 2, or turn X band on. (See page 00.)</li></ul>
<p><b>PROBLEM:</b> Unit gives laser alert when accelerating.</p> <ul style="list-style-type: none"><li>• Possible bad or low quality distributor cap. Replace with high quality cap.</li></ul>
<p><b>PROBLEM:</b> Not detecting radar/laser signals.</p> <ul style="list-style-type: none"><li>• Make sure that the unit is in Combo or Radar Only mode. If unit is in Compass Only mode, no radar/laser signals will be received.</li><li>• Make sure that Laser or any one of the radar bands have not been turned off in Option Select mode. (See page 00)</li></ul>

If difficulties occur which cannot be solved by information in this Troubleshooting Guide, please call Whistler Consumer Relations at 1-800-531-0004 before returning your unit for service.

## ARE DETECTORS LEGAL?

### In Most States YES!

Laser detectors are completely legal in every state when used in automobiles or light trucks (under 10,000 lbs.). Similarly, when used in automobiles or light trucks, radar detectors are legal in almost every state. Exceptions are Virginia and Washington, D.C., which have local regulations restricting the use of radar receivers in any vehicle.

Concerning trucks over 10,000 lbs., the Federal Highway Administration (FHWA) issued a regulation, effective January, 1994 which prohibits radar and laser detector use in these types of vehicles nationally.

Prior to the FHWA regulation, laws existed in the state of New York restricting the use of radar detectors in trucks over 18,000 lbs. and in Illinois in trucks over 26,000 lbs.

## SPEED MONITORING TECHNOLOGIES

### Radar Facts

A radar gun operates by transmitting radio waves at certain frequencies which reflect off objects and are then picked up by the radar gun's receiving section. When a radar beam reflects off a moving target, a measurable frequency shift occurs. The radar unit converts this shift into miles per hour to determine your vehicle's speed.

Currently, the FCC (Federal Communications Commission) permits operation of traffic radar guns at X Band (10.500 - 10.550 GHz), K Band (24.050 - 24.250 GHz), and Ka Band (33.400 - 36.000 GHz).

### Laser Facts

It's well documented that many radar guns cannot reliably provide the speed of a targeted vehicle that is traveling in a group of vehicles. In contrast, a laser gun can target a specific vehicle out of a line of traffic and determine its speed.

The advantage of laser over radar in terms of target identification is the result of the laser gun's narrow beam. A radar transmission can cover more than a four-lane highway at a distance of 1,000 feet, compared with a laser transmission which covers about 6 feet at the same distance.

For best protection, keep these points in mind:

- Because your vehicle's license plate or headlights are the laser gun's primary targets, mounting your Whistler detector on the dashboard can improve laser detection at short range.
- Do not follow closely behind any vehicle you cannot see through. If you can't see past a vehicle ahead of you, chances are your detector won't either.
- The receiving range of your laser detector will not be the same as a radar detector. Laser guns are most often used at short range.

## SPEED MONITORING TECHNOLOGIES

### Other Speed Detection Systems

Several techniques other than radar or laser are used to measure vehicle speeds. When these methods are being used, no detector can provide a warning. These techniques include:

- Pacing - A patrol car drives behind you and matches your driving speed.
- Vascar/Aircraft - The time it takes a vehicle to travel a known distance is measured.

### Radar Detector Detectors (VG-2)

The Interceptor VG-2, or simply VG-2, is a microwave receiver used by police to detect signals radiated by the local oscillator of a radar detector. Because its purpose is to identify persons driving with radar detectors, the VG-2 is known as a "radar detector detector".

The VG-2 is the primary tool used by the police to identify radar detector equipped vehicles. If caught, in a state where detectors are illegal, (see page 26), drivers risk losing their radar detector and receiving a fine. In addition, instant-on radar is almost always used in combination with a VG-2, leaving unsuspecting motorists vulnerable to receiving two tickets — one potentially for speeding, the other for possession of a detector.

Having a radar detector capable of detecting the VG-2 may alert you to the presence of a speed trap.

**NOTE:** For more information on speed monitoring technologies, visit our FAQ page at [www.whistlergroup.com/faq-detectors.asp](http://www.whistlergroup.com/faq-detectors.asp).

## WARRANTY INFORMATION

### Consumer Warranty

The 1790SE Whistler detector is warranted to the original purchaser for a period of three years from the date of original purchase against all defects in materials and workmanship. **This limited warranty is void if the unit is abused, modified, installed improperly, if the housing has been removed, or if the serial number is missing.** There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to three years. Whistler is not liable for damages arising from the use, misuse, or operation of this product.

### Service Under Warranty

During the warranty period, defective units will be repaired or replaced (with the same or a comparable model), at Whistler's option, without charge to the purchaser when returned prepaid, with dated proof of purchase to the address below. Units returned without dated proof of purchase will be handled as described in section "Service Out Of Warranty." Due to the specialized equipment necessary for testing a radar/laser receiver, there are no authorized service stations for Whistler brand detectors other than the factory.

When returning a unit for service under warranty, please follow these instructions:

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested, and shipping charges prepaid to:

Whistler Repair Dept.  
1201 North Dixieland Rd.  
Rogers, AR. 72756



## WARRANTY INFORMATION

**IMPORTANT:** Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested.

2. Include with your unit the following information, clearly printed:
- Your name and street address (for shipping via UPS), and a daytime telephone number. (No P.O. Box please.)
  - A detailed description of the problem (e.g., "Unit performs self-test but does not respond to radar").
  - A copy of your dated proof of purchase or bill of sale.
3. Be certain your unit is returned with its serial number. For reference, please write your unit's serial number in the following space: s/n \_\_\_\_\_.

Units without serial numbers are not covered under warranty.

**IMPORTANT:** To validate that your unit is within the warranty period, make sure you keep a copy of your dated proof of purchase and return the Warranty Validation card.

## WARRANTY INFORMATION

### Service Out Of Warranty

Units will be repaired at "out of warranty" service rates when:

- The unit's original warranty has expired.
- Dated proof of purchase is not supplied.
- The unit has been returned without its serial number.
- The unit has been abused, modified, installed improperly, or had its housing removed.

The minimum out of warranty service fee for your Whistler detector is \$55.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a certified check or money order for \$55.00. Payment may also be made by MasterCard or VISA; personal checks are not accepted. In the event repairs cannot be covered by the minimum \$55.00 service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you. If you elect not to have your unit repaired/replaced, it will be returned to you along with your certified check or money order.

**IMPORTANT:** When returning your unit for service, be certain to include a daytime telephone number.

### Consumer Relations

If you have questions concerning the operation of your Whistler detector, or require service during or after the warranty period, please call Consumer Relations at 1-800-531-0004. Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CST).

## SPECIFICATIONS

- **Dimensions:** 1.6" H x 2.9" W x 4.5" L
- **Weight:** 7.5 oz.
- **Laser Wavelength:**  
905 ± 50 nanometers (nm)
- **Radar Frequencies:**  
10.500 - 10.550 GHz (X Band)  
24.050 - 24.250 GHz (K Band )  
33.400 - 36.000 GHz (Ka Superwideband)
- **Operating Temperature Range:**  
-20° C to +80° C (-4° F to +176° F)
- **Power Requirements:**  
Operational 12 to 15 volts DC, 250mA nominal  
Vehicle Battery Saver, 70mA nominal.
- **Compass:**  
Accuracy to 5°, Resolution to 5°.

One or more U.S. patents apply: #4,315,261; #5,146,227; #5,379,456; #5,666,120, and #5,990,821.

Specifications are subject to change without notice.

## ACCESSORIES

The following accessories can be ordered directly from Whistler by calling 1-800-531-0004, or by mailing in the form on page ??.

Order Code	Description	Price
202138	Visor Bracket	\$ 6.95
202140	Windshield Bracket Kit	\$ 9.95
206294	*Modular Lighter Plug <b>(Requires 206550 or 206551)</b>	\$ 7.95
206550	*Modular Straight Power Cord (5') <b>(Requires 206294)</b>	\$ 6.95
206551	*Modular Coiled Power Cord (7') <b>(Requires 206294)</b>	\$ 7.95
206552	Straight Power Cord (5')	\$ 14.95
206553	Coiled Power Cord (7')	\$ 15.95
206879	Hook & Loop	\$ 1.95
206880	Hardwire Kit (10') (for wiring to fuse box)	\$ 9.95

\*Modular: interconnecting pieces cord and plug.

Shipping and handling (per order) \$5.00

Prices are subject to change without notice.



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