

## POP™ MODE ALERTS

### POP™ Mode Alerts

Because POP™ Mode travels on regular radar bandwidth, there is no particular alert for POP™ Mode transmissions. POP™ Mode alerts will be displayed as a regular radar alert.

## LASER/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.

### Laser Audio/Visual Alerts

When a laser signal is detected the audio alert is continuous for a minimum of 3 seconds.

- The Displays Shows:  The more "III" the closer the laser source.

### Pulse Protection®

Pulse (or instant-on) radar is more difficult to detect than conventional radar because it remains 'off' until activated to measure the speed of a targeted vehicle. When a pulse type transmission is detected, your Whistler detector sounds an urgent 3-second audio warning and the display shows: 'PULSE'.

After the 3-second pulse alert, the standard alert pattern continues for as long as the signal is present.

It is important to respond promptly to a pulse alert, since warning time may be minimal.

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## SPEED MONITORING

### Laser Tips

If you are the targeted vehicle, a laser gun can often determine your speed within a few seconds after you receive an alert. In this situation there is generally no time to safely adjust your speed. However, if you are traveling near or behind the targeted vehicle and receive an alert, response time should be sufficient. Any laser alert, regardless of duration, requires immediate action!

### 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, Spectre

The Interceptor VG-2, or simply VG-2, is one type of 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, these devices are known as a "radar detector detector" (RDD). An RDD is the primary tool used by the police to identify radar detectors equipped vehicles. If caught in a state or country where detectors are illegal, (see page 18), drivers risk losing their radar detector and receiving a fine. In addition, instant-on radar is almost always used in combination with a RDD, leaving unsuspecting motorists vulnerable to receive two tickets - one potential for speeding, the other for possession of a detector.

## VG-2 ALERTS

### VG-2 Audio/Visual Alerts

**Note:** You must turn this feature on 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. Every 30 seconds, the detector checks for a VG-2 signal. If a VG-2 signal is still present, 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 a VG-2 Alert X, K, and Ka band signals cannot be received (Reference page 21 for VG-2 information).

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It is important to respond promptly to a pulse alert, since warning time may be minimal.

## 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 Power and Quiet buttons.

### Unit is now reset to the following features and settings.

#### Default factory settings are:

1. Audio to level (4).
2. Display shows Highway.
3. Auto Quiet Mode OFF.
4. VG-2 Detection Mode OFF.
5. Safety Radar OFF.
6. Vehicle Battery Saver to 1 hour.
7. Full Power Up sequence.
8. Default TONE 3.
9. POP ON.
10. Backlighting Dim/Bright

## TROUBLESHOOTING

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.

### PROBLEM: No display or audio.

- Make sure batteries are installed with the correct polarity.
- Make sure batteries are fully charged.
- Make sure battery contacts are clean.
- Check fuse in Whistler plug; replace if necessary with a 2 amp 3AG type.

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## SPEED MONITORING

**Note:** Having a radar detector capable of detecting the VG-2 may alert you to the presence of a speed trap. The newest tool Police have to detect radar detectors is called Spectre. As of this printing, Spectre can detect all undetectable (VG-2) laser/radar detectors on the market.

It is the responsibility of the individual radar detector owner to know and understand the laws in your area regarding the legality of the use of radar detectors.

## WARRANTY INFORMATION

### Service Under Warranty

During the warranty period, defective units will be repaired without charge to the purchaser when returned with a dated store receipt to the address below. Units returned without a dated store receipt will be handled as described in section

#### "Service Out Of Warranty."

Due to the specialized equipment necessary for testing a Laser-Radar receiver, there are no authorized service stations for Whistler brand detectors other than Whistler.

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 to:

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

#### Please allow 3 weeks turnaround time.

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

2. Include with your unit the following information, clearly printed:

- Your name and street address (for shipping via UPS), a daytime telephone number and an email address, if applicable.
- A detailed description of the problem (e.g., "Unit performs self-test but does not respond to radar").
- A copy of your dated store receipt or bill of sale.

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## WARRANTY INFORMATION

### Consumer Warranty

This Whistler Laser-Radar detector is warranted to the original purchaser for a period of one year 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 and/or serial numbers have been removed. 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 the above time. Whistler is not liable for damages arising from the use, misuse, or operation of this product.

**Note:** Damaged caused by incorrect battery placement or battery leakage is not covered under this warranty.

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## ACCESSORIES

### FCC ID : HSXWH15

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.

**Important:** FCC requirements state that changes or modifications not expressly approved by Whistler could void the user's authority to operate the equipment.

## SPEED MONITORING

### Radar Facts

A radar gun operates by transmitting radio waves at certain frequencies which reflect off objects and are 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).

**Note:** A radar detector will not alarm if an officer is not transmitting on any one of the above radar bands. POP™ Mode is a feature on some newer radar guns operating on K and Ka bands. When the gun is in POP™ Mode and activated, a brief burst of energy, less than 1/15 of a second, is transmitted and the vehicle's speed is quickly acquired. A detector without POP™ Mode detection capability cannot respond to this brief transmission.

## SPEED MONITORING

### Total Band Protection™

Complete Band Coverage that detects laser, radar, VG-2 and safety radar bands.

### 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 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 gun's transmission can cover more than a four-lane highway at a distance of 1,000 feet, compared with a laser gun's transmission which covers about 3 feet at the same distance. For best protection, keep these points in mind:

- Because the vehicle's license plate or headlights are the laser gun's primary targets, mounting the 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.

Whistler Laser-Radar detectors receive all current laser guns which operate at a laser wavelength of 905 +/- 10mm.

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

## CUSTOMER SERVICE 1-800-531-0004

Monday - Friday • 8:00 am - 5:00 pm CT

or visit our website  
[www.whistlergroup.com](http://www.whistlergroup.com)

Please keep the receipt in a safe place. You may register your product online at [www.whistlergroup.com](http://www.whistlergroup.com). For warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty work. If the unit is returned without a dated store receipt, an out of warranty service charge applies. **Note:** Your warranty period begins at the time of purchase. The warranty is validated only by the dated store receipt! 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,

The Whistler 1788 features the newest POP™ Mode detection capability combined with the convenience and portability of a battery operated unit. The problem with some battery operated laser-radar detectors is that the receiver shuts down for 30 to 50 percent of the time to conserve battery life, leaving the driver vulnerable. During this time the display is left on to give you the feeling of full time protection, which is not true. This is not the case with the Whistler 1788.

The Whistler 1788, provides cordless detection and is powered ON 100 percent of the time. This unit provides Complete Band Protection and is packed full of features. Some of the features include:

- **POPTM Mode Detection Capability** operating on K and Ka bands. This mode acquires the vehicle's speed in less than 1/15 of a second.
- **Blue Backlit LCD Text Display** provides easy to read band identification and signal strength.
- **Built-in Battery Charger** automatically recharges the unit when the power cord is connected.
- **Stay Alert** tests alertness on long trips.

Even though this unit is packed full of features it is still very easy to use. To fully utilize your unit to its potential, we recommend reading this entire manual or visit our FAQ page on our web site [www.whistlergroup.com](http://www.whistlergroup.com). Enjoy your new Whistler and please drive safely.

The Whistler Group, Inc.

## 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. Display shows in order:  
1. WHISTLER 2. X-Band 3. K-Band 4. Ka-Band  
5. LASER 6. POP ON 7. VG2 OFF 8. SR OFF  
9. Bat Full - This will display the battery status. 10. Highway

### Battery Charging

**External** - The included battery charger provides approximately 10 hour recharge time for Ni-MH batteries. Simply observe the battery polarity when installing the batteries into the charger and plug the charger into a convenient outlet.

**Internal** - While traveling and if the batteries become weak, plugging in the external power cable not only will power the unit but also charge the batteries. The display will show an asterisk, i.e., (HIGHWAY\*) when the unit is charging the batteries. The asterisk will flash during charging and go out when charging is complete. **Note:** The charging time is similar to a home charger.

### External Power

The unit can be powered externally using the power cable. This is handy in case the batteries become weak and you are away from an outlet to use the home charger or can not get to a store for replacement batteries. Simply plug the power cable into the power jack and you're ready to go. The unit will slowly charge the batteries while traveling. See Battery Charging section for more information. When the power cable is removed from the unit or the vehicle's lighter socket is switched off, the unit will alarm and display (PLUG OUT) then simply turns off.

## OPERATION

### Setting Saver

Setting Saver saves your personalized settings so that when the detector is turned off and then on again, you do not have to re-enter them.

### Feature Engaged Confirmation

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.

- 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. **Note:** In certain cases the voice message does not replicate the text message.

### 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.
- 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

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## WHISTLER FEATURES

- **Battery Operated** With Built-in Battery Charger
- **Total Band Protection™**
- **POPTM Mode Detection**
- **Blue LCD Text Display**
- **High Gain Optical Lens**
- **Stay Alert™**
- **360° Total Perimeter Protection™**
- **VG-2 Cloaking™ Technology**
- **3 City Modes**
- **Quiet/Auto Quiet Modes**
- **Vehicle Battery Saver**
- **Setting Saver**
- **Alert Priority**
- **Safety Warning System™**

### Accessories:

Windshield Bracket Kit, Batteries, Straight

Power Cord & Home Battery Charger

1788

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