

PRO3750  
User Guide

# PRO3750 MAXIMUM PERFORMANCE

Laser/Radar Detector



  
**WHISTLER**

## INTRODUCTION

Dear Whistler Customer,

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 still 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! Please record the serial number of the unit in the space provided in the accessories section of the guide.

To fully acquaint yourself with the operation of your Whistler detector and to better understand the differences between detecting radar, laser, and safety radar signals, we recommend reading this entire guide or visiting our FAQ page on our website **[www.whistlergroup.com](http://www.whistlergroup.com)**.

Enjoy your Whistler detector and please drive safely.

Sincerely,  
The Whistler Group, Inc.

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## WHISTLER FEATURES

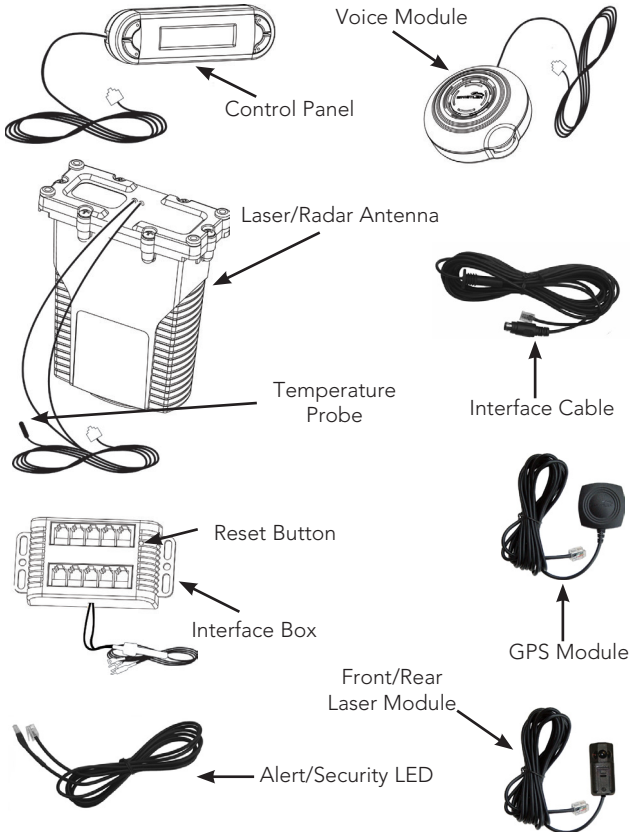
Whistler's ergonomic and user-friendly design provides a new level of operating convenience and expandability.

Special features include:

- **Voice Module** – Provides distinct audio and voice warnings for X, K, Ka band radar, safety warning system, Compass N, S, E, W prompts, and laser. This module also adjusts the maximum audio level.
- **Laser-Radar Antenna** – Compact, maximum performance antenna receives laser as well as radar signals. PRO3750 detects the Laser Atlanta Stealth Mode laser gun!
- **Control Panel** – Provides distinct visual confirmation of signals detected, signal strength, and indicates engaged modes of operation. The display can also be mounted 3 different ways and displayed correctly. Four buttons allow access to the unit's features.
- **Interface Box (iBox)** – Central module provides power and communication to all modules.
- **Alert/Security LED** – Provides additional visual notification of alerts. When selected in Option Select Mode, this LED doubles as a faux security flashing LED.

**NOTE:** Specifications and appearance may change without notice.

# WHISTLER FEATURES



## 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 PWR or apply Power.

### Display shows:

**WHISTLER, X-band, K-band, Ka-band, LASER, VG2 OFF, SR OFF, VOICE ON, POP OFF, XK Filter 1, Ka Filter 1, TFSR ON, FDSR OFF, HIGHWAY**

To turn the unit off:

- Press and release PWR briefly and the display will show a 5-second count down before powering off. If you pressed the power button by mistake, press the PWR button again during this 5-second period to cancel power down.
- If the unit is powered by a switched 12 volt source the unit will turn off when the ignition key is removed.

### 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

To change the audio level:

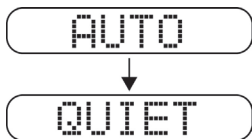
- Move the Volume control on the voice module back to increase the audio level.
- Move the Volume control on the voice module forward to the decrease audio level.

## OPERATION

### Auto Quiet Mode

Auto Quiet mode reduces the selected audio level approximately 5 seconds after a radar or safety radar signal is detected. The alert for any new signal within 20 seconds will resume at the lower level. Auto Quiet mode does not affect laser alerts.

- Press Quiet (before a signal is detected) to engage Auto Quiet mode.



- 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.

**NOTE:** Speed selectable Auto Quiet is available with the RLC-360 GPS module.

### Quiet Mode

Quiet mode cancels audio during an alert and any new alert within 20 seconds. After 20 seconds of no radar signal detected, the audio alerts are restored.

- Press Quiet to cancel the audio.
- Press Quiet a second time during an alert to restore the standard audio alert pattern.



## OPERATION

### City/City 1/City 2 Modes

Whistler's City Modes are 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 cancel Highway Mode and engage City Mode.

Normal

CITY

Compass/Temp/Volt/Speed

C

- Press City again to enter City 1 Mode.

C1 LO X

C1

- Press City again to enter City 2 Mode.

C2 NO X

C2

- Press City a fourth time to cancel City 2 Mode and returns the unit to Highway Mode.

HIGHWAY

H

In City Mode, weak speed/safety radar signals give an initial alarm of two beeps, and then remain quiet until the signal becomes very strong. When the signal strength increases, two additional beeps are provided. City 1 and City 2 Modes operate the same as Highway Mode, but in City 1 Mode, only the X band is lowered. In City 2 Mode, X-band is not detected.

**CAUTION:** Some towns/small cities may still be using X band radar. City Modes do not change the audio alert for laser.

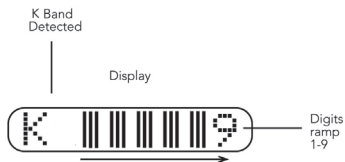
## OPERATION

### Highway Mode

Highway mode provides full audio warnings any time radar (X, K, Ka, and Safety Radar) or laser signals are detected, and is recommended for open road driving. For more information on City and Highway modes, please visit our FAQ page on our website: [www.whistlergroup.com](http://www.whistlergroup.com)

### Selectable Signal Strength Display

There are two settings available in Option Mode that effect how a received radar signal strength is displayed. The "RMP STD" (ramp standard) option uses our standard signal progression from level 1 to 9. The "RMP FST" (ramp fast) option increases the progression from level 1 to 9. RMP FST increases the response of the signal strength meter for all bands.



1 = weak signal, 9 = strong signal

## OPERATION

### Understanding the Display

The PRO3750's display can be set up to show Heading\* and Mode of Operation (Highway and City modes). In-between the Heading and Mode of Operation one of the following can be displayed;

Temperature, Voltage or Clock\*.



### Selecting the Default Feature to be Displayed

Press and hold the Dark button for four seconds or until 2 beeps are heard. The display will change from Temperature to Voltage. Pressing and holding the Dark button again for four seconds will change the display to show the Clock. Repeat and Temperature is once again selected.

### Momentarily Display Features

Press and hold the Dark button for 2 seconds or until 1 beep is heard and the unit will scroll and display the following for 3 seconds each: Temperature, Voltage, Clock and Vehicle Speed\* and then return to the default feature. Note: When unit is displaying the vehicle speed the radar antenna is turned off!

### Error Messages

Flashing character will be displayed in place of the Heading, Clock or Speed when the GPS module is acquiring a signal. Display showing "NO F", "NO :", "NO V" indicates that Temperature, Clock and Voltmeter have been turned off in Option Mode.

\*Heading, Clock and Speed are available with the RLC-360 GPS module.

## OPERATION

### Temperature Display

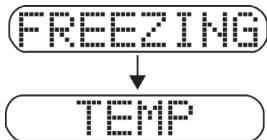
The unit can be programmed to display either Fahrenheit or Celsius. See Option Select Mode.

Display shows:



- Ice Warning Mode: When temperature drops to 32° F.

Display shows:



Unit then gives a unique warning tone. This will happen again if the temperature rises to 35 degrees or above then falls below 32°.

When either Hi T or Lo T is displayed the limits of the temperature sensor have been reached.

**NOTE:** Temperature may rise while vehicle is stopped and idling, this is normal.

## OPERATION

### Dim/Dark Modes

Dim/Dark Mode reduces the illumination of the display.

- Briefly press and release the Dark button to reduce illumination to a Dim setting.



DIM

- Briefly press and release the Dark button a second time engages Dark Mode. 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 dim setting. Dim Modes can be engaged during an alert.



DARK

- Briefly press and release the Dark button a third time to restore full illumination to the display.

## OPERATION

### Horizontal/Vertical Viewing

The display can be mounted in 3 different ways:

- Horizontally



- Upside Down



- Vertically



Refer to "Option Select Mode" to change display viewing.

## OPERATION

### **Vehicle Battery Saver Mode**

Vehicle Battery Saver Mode automatically shuts off the detector if the unit has constant power.

The timer is reset:

1. Each time the detector is turned off.
2. The power cord is disconnected or power is removed to the unit.
3. Any button is pressed before the timer has expired. The detector will alert you with an audible and visual warning before it shuts off. This auto off function can be programmed for the following: Off, 1, 3, or 6 hours. During this warning you can reset the timer by pressing any button. If the unit has automatically turned itself off, press the Power button to turn the unit back on.

### **Field Disturbance Sensor Rejection (FDSR)**

#### **Traffic Flow Sensor Rejection (TFSR)**

Recently many new products that operate on police radar frequencies have been causing nuisance alerts to radar detectors. These radar based sensors are installed alongside the Highway and more recently on vehicles used as lane change assist / blind spot detectors / collision avoidance systems. TFSR when turned ON is designed to eliminate alerts from specific Traffic Flow sensors. FDSR when turned ON is designed to identify all radar based collision avoidance systems that operate within the same band as police radar and provide a brief less intrusive alert to keep you informed and aware. A signal strength indicator will help determine your proximity to the source without the continued annoyance of audio.

**We suggest you turn FDSR ON if you are experiencing excessive random false alerts when behind select vehicles.**

## OPERATION

### Security Mode

When the unit is powered off by the Vehicle Battery Saver Mode or by pressing the power button, the Security LED will begin to flash if the security LED option is turned on. This simulates a vehicle alarm system.

### X/K and Ka Filter Modes

There are times when a radar detector in another vehicle, can emit a frequency which can cause your detector to falsely alert. These Filter Modes allow you to select the level needed for your area to minimize the occurrences of these false alerts. X/K and Ka Filter Mode factory default settings should provide adequate filtering for most conditions. If you experience excessive alerts due to radar detectors in other vehicles, increase the Filter level for the band received. See Option Selection Mode to change the filter settings.

**NOTE:** Speed selectable Filter is available with the GPS module.

### Ka Max Mode

Ka Max Mode provides enhanced Ka sensitivity - increased detection. This mode can be selected with or without RSID. See Option Select Mode for changing Ka options.

### VG-2 Detection Mode

See Option Select Mode to turn this feature on/off. When a VG-2 signal is detected, the VG-2 alert is sounded and the display flashes "VG-2". After 3 seconds the audio is canceled and the display no longer flashes. This cycle is repeated if the VG-2 signal is detected again.

**During the period a VG-2 signal is detected, a radar signal cannot be detected.**

However, because the VG-2 alert has confirmed that a patrol car is nearby, you are already aware of the potential for speed monitoring and can adjust your speed accordingly. Laser detection is not affected while a VG-2 signal is detected.



## OPERATION

### **Radar Signature ID (RSID) with Voice Prompts**

Identify the difference between the likelihood of a Ka threat vs. the likelihood of a Ka false from another source (possible radar detector).

The Ka RSID feature will educate you to the common Ka speed radar guns by displaying and announcing the nominal police radar frequencies of 33.8GHz / 34.0GHz / 34.3GHz / 34.7GHz / 35.5GHz. The Ka alerts that do not fall into the common Ka speed radar windows will be reported only as Ka.

**NOTE:** This product is not a frequency counter. The unit will categorize the received Ka signal and select the appropriate information. Treat every Ka alert with caution.

### **Laser Signature ID (LSID)**

Identify the Laser gun's pulse rate or PPS (Pulses per Second) that is transmitted by the speed laser gun. LSID may also be used to identify other forms of laser sources such as LACC (Laser Assisted Cruise Control) systems found in some high end vehicles. If the Laser PPS information displayed is due to another source such as local airports or LACC, LSID allows you to Lock Out this rate from giving you the continuous audio alert during this and any new encounter of the same rate. To lock out a PPS, press the Quiet button during the Laser alert. This will place an \* on the screen beside the PPS rate and Lock Out this signature ID. Any new encounter with the same Laser Signature ID will provide the display information and two quick beeps.

Note: Common Laser PPS rates used in the USA are 100 / 125 / 130 / 200 / 238 / 380Hz. Currently other Laser PPS rates used outside the USA include 600Hz.

**CAUTION:** Do not lock out a PPS rate if it is close to known speed laser guns.

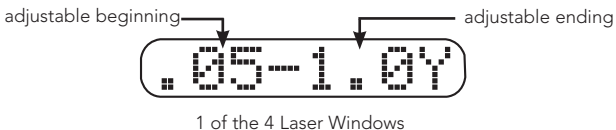
## OPERATION

### Adjustable Laser Receiver

If these alerts are bothersome, you may wish to turn on the LSID feature and make note of the PPS rate for these occurrences.

The laser validation windows are separated into 4 groupings allowing for customization to eliminate and/or make less frequent the number of laser alerts from these non police sources such as airports, laser assisted cruise control systems and more.

An example of this may be to shorten the first window from .05-1.0 to .05-.90, the second window can be adjusted from 1.0-2.0 to 1.2-2.0. You now have ignored any laser that has an average PPS rate between 900Hz and 1200Hz. Validation will occur from 50Hz to 900Hz, and resume from 1200Hz to 2000Hz.



If laser within a group is not used in your country, you may shut off that group (change the selection from Y to N while in Option Select Mode) by pressing the PWR and DARK button at the same time then releasing.

### Red Light/Speed Camera Detection

The PRO3750 is capable of alerting to these locations with the RLC-360 GPS module and an updatable database.

## OPERATION

### Safety Warning System™

In communities where transmitters are located, the Safety Warning System™ displays over 60 text messages. When an SWS signal is detected the audio alert is Geiger counter-like.

Safety Warning System Text Message

**EXAMPLE:** Poor - Road - Surface.

**NOTE:** Not all areas have Safety Warning System™ transmitters.

### Alert Priority

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

1. Laser
2. Speed Radar
3. Safety Warning System™

**EXAMPLE:** If X band is alerting, then suddenly a laser signal is detected, the laser warning will override the X band alert.

### Integrated Real Voice®

Real Voice® will be used to articulate the following:

1. Band Identification
2. Safety Warning System™ categories

**NOTE:** Voice message may not replicate the text message.

3. Feature Selection
4. GPS Red Light/Speed Camera information

### Option Select Mode

Press and hold the Quiet button to enter Option Select Mode. Upon entering Menu mode, pressing the Quiet button will step thru in an ascending order while pressing the City button will step thru in a descending order.

## OPERATION

Display Shows	To Change D=Dark/ P=PWR	To Reset or Accept Groups:	Options
XK FLTR 1	D or P	N/A	Filter0, Filter1, Filter2, Filter3 (Four Different Filters)
Ka FLTR 1	D or P	N/A	Filter0, Filter1, Filter2, Filter3 (Four Different Filters)
TEST ON	D=OFF P=ON	N/A	On-X, K, Ka Laser Audio Tones Off-One Beep during power up
RADAR1 Y	D=NO P=YES	N/A	Radar1 Y or N
RADAR2 N	D=NO P=YES	N/A	Radar2 Y or N
TEMP F	D or P	N/A	Changes temp reading F, C, or No
VOLT YES	D=NO P=YES	N/A	Battery Voltage Yes or No
X-ON	D=OFF P=ON	N/A	X Band On, Off
K-ON	D=OFF P=ON	N/A	K Band On, Off
Ka-NORM	D or P	N/A	Norm, Off, Max, MaxID, RSID
LSR NORM	D or P	N/A	Norm, Off, LSID
.05-1.0 Y	D or P	Press both D&P	D=Left Group adj. P=Right Group adj. Change Laser detection areas
1.0-2.0 N	D or P	Press both D&P	D=Left Group adj. P=Right Group adj. Change Laser detection areas
2.6 - 3.0 Y	D or P	Press both D&P	D=Left Group adj. P=Right Group adj. Change Laser detection areas
3.2 - 4.2 Y	D or P	Press both D&P	D=Left Group adj. P=Right Group adj. Change Laser detection areas

## OPERATION

**NOTE:** GPS features are for use with the Whistler RLC-360 GPS module. Press and hold Quiet anytime to exit. Option mode will automatically exit if no buttons are pressed within 20 seconds.

LSR XR N	D=NO P=YES	N/A	Expanded Laser Y or N
VG2 OFF	D=OFF P=ON	N/A	VG2 ON or OFF
SR OFF	D=OFF P=ON	N/A	SWS ON or OFF
POP OFF	D=OFF P=ON	N/A	POP Mode ON or OFF
RMP STD	D=STD P=FST	N/A	Signal Strength: Standard or Fast
TONE 3	D or P	N/A	Tone1, 2, 3 (Three Different Tone Patterns)
VOICE EN	D or P	N/A	English, Spanish or OFF
S-BELT Y	D=NO P=YES	N/A	Seat Belt Warning Voice Y or N
B SVR 6	D or P	N/A	Battery Saver OFF, 1, 3 or 6 hours
LED BLNK	D or P	N/A	Alert LED On, Off or Blinking
LED GRN	D or P	N/A	Alert LED Colors-Green, Yellow, Red
SECLED Y	D=NO P=YES	N/A	Security LED, Y or N
DSP NOR	D or P	N/A	Normal, Vertical, Reversed

## OPERATION

TFSR ON	D=OFF P=ON	N/A	TFSR ON or OFF
FDSR OFF	D=OFF P=ON Both=D&P	N/A	FDSR ON, FDSR OFF FDSr ON with no audio
GPS N	D=NO P=YES	N/A	GPS Mode Y or N
LOCAL-5	D or P	N/A	Change Time Zone
DST NO	D=NO P=YES	N/A	Daylight Saving Y or N
CLOCK Y	D=NO P=YES	N/A	Clock Display Y or N
ALARM OFF	D=OFF P=ON	N/A	"Top of the HOUR" Alert ON or OFF
REST OFF	D=OFF P=ON	N/A	GPS Stay Alert On or Off
COMPAS Y	D=NO P=YES	N/A	Compass Mode Y or N
VOICE N	D=NO P=YES	N/A	Compass Voice Y or N
SPD MPH	D or P	N/A	Select MPH, KMH of Off
O-SPD 0	D or P	N/A	Over Speed Warning-Select desired speed limit for alert to sound
AQSPD 0	D or P	N/A	Select low speed limit for Auto Quiet to engage
AFSPD 0	D or P	N/A	Select low speed limit for Filter 3 to engage
HSPD 0	N/A	Press both D&	Show Max Speed

## OPERATION

ODO 0	N/A	Press both D&P	Shows Trip Mileage
ET 0:0	N/A	Press both D&P	Shows Trip Time
RAD 400	D or P	Press both D&P	Select 200, 400, 600 radius
D-RAD 400	D or P	Press both D&P	Select 200, 400, 600 delete waypoint radius
All/RAD DEL	N/A	Press both D&P	Deletes all manual waypoints

**NOTE:** GPS features are for use with the Whistler RLC-360 GPS module.


Press and hold Quiet anytime to exit. Option mode will automatically exit if no buttons are pressed within 20 seconds.

### Teach/Tutorial Mode

Provides simulated alerts for each type of signal.

- Press City and Quiet simultaneously and release.

Display shows:



- Press the PWR button to exit

### POP™ Mode Alerts

Because POP™ Mode radar utilizes the same K or Ka band frequencies, POP™ Mode Alerts will initially be displayed as POP K or POP Ka then switch to band and signal strength.

## OPERATION

### Stay Alert Feature

The Stay Alert Feature is designed to test a driver's alertness.

To engage (when the unit is not alarming):

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

Display shows: The display shows the text "RU ALERT" in a large, blocky, digital font, enclosed within a rounded rectangular border.

Within 30-60 seconds, two beeps are sounded; to show alertness, the driver must press either the City, Dark or Quiet buttons within 3-5 seconds. If a button is pressed within 3-5 seconds, the cycle is repeated. Before unit alerts, press PWR to exit this feature. If a button is not pressed within 3-5 seconds, an alarm sounds.

Display shows: The display shows the text "GET REST" in a large, blocky, digital font, enclosed within a rounded rectangular border.

- Press the DARK button to exit during the Get Rest message.

**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

### **VOICE Port**

This port allows use of the Whistler Voice Module. Any other device may damage the unit and void your warranty.

### **LED Port**

This port provides additional visual alert as well as simulated security alarm flashing LED when the unit is powered off by the power button.

### **USB Port**

This port allows product updates to be installed via a USB flash drive (not included) connected to the supplied USB cable.

### **DISP Port**

This port is for the unit's display module.

### **RADAR1 Port**

This port is for the Front laser/radar antenna module.

### **RADAR2 Port**

This port is for the optional Rear laser/radar antenna module. When using the optional rear laser/radar antenna, it is recommended that POP be turned off.

### **AUX 1, AUX 2, AUX 3 Ports**

These ports allow the use of additional optional modules for enhanced coverage. **NOTE:** Front laser is built into the radar unit. Check [www.whistlergroup.com](http://www.whistlergroup.com) for available modules.

### **GPS Port**

This port is for the RLC-360 GPS antenna.

**IMPORTANT:** Specific modules need to be connected to their proper port. Before connecting power to the unit double check that the correct module is plugged into its correct port.

### **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.

## RADAR/LASER ALERTS

### Laser/Radar Alerts

Speed Radar Audio/Visual Alerts When X, K or Ka is detected, the band ID and signal strength are 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 word "Laser" and bar graph is displayed, the audio alert is continuous for a minimum of 3 seconds.

**Example:** 

An asterisk is displayed when the auxiliary laser antenna receives a signal.

**Example:** 

### Pulse Protection®

Pulse (or instant-on) radar is more of a threat 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.

**Display shows:** 

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.

## RADAR/LASER ALERTS - RESET FEATURES

### Reset Features

All user features can be reset to factory settings

- Remove Power from the unit
- Press and hold the Power and Quiet buttons
- Restore Power to the unit
- Wait for 2 beeps
- Release the Power and Quiet buttons
- Or press the reset button on the iBox

Unit is now reset to the following features and settings.

1. Temperature display ON
2. City/Highway to Highway
3. Dim/Dark Mode to full illumination of display
4. Auto Quiet Mode OFF
5. XK and Ka Filters 1
6. Voice EN
7. All Bands ON
8. Laser NORM
9. Laser windows reset
10. LSR XR NO
11. Vehicle Battery Saver ON/6hrs
12. POP™ Mode OFF
13. VG2 OFF
14. Safety OFF
15. Full Power Up sequence
16. Default TONE 3
17. Volt YES
18. TEMP F
19. Display to Normal orientation
20. Ramp up STD
21. LED BLNK
22. Seat Belt YES

23. LED Green
24. Security LED YES
25. TFSSR ON
26. FDSR OFF
27. GPS NO

### GPS RELATED FEATURES

28. DST NO
29. Local -5 (Eastern)
30. Clock YES
31. Alarm OFF
32. REST OFF
33. Compass YES
34. Compass Voice NO
35. SPEED MPH
36. Over SPD 0
37. Auto Quiet SPD 0
38. Auto Filter SPD 0
39. High Speed: Cleared
40. Odometer: Cleared
41. Estimated Trip Time: Cleared
42. Alarm Radius: 400
43. Delete Radius: 400

# TROUBLESHOOTING

## Care and Maintenance

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.

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

- Check fuse in power cable, replace if necessary
- Check fuse in fuse box, replace if necessary
- Make sure power cable is properly grounded

**PROBLEM:** Unit alarms with vehicle equipment or electrical accessories (brakes, power mirrors/windows, directionals, horn, etc.)

- Check conditions of vehicle's electrical system, including battery and alternator

**PROBLEM:** Audio alerts are not loud enough

- Cancel Auto Quiet Mode or City Mode
- Check the voice module's volume control
- Check Speed Selective Auto Quiet Setting if GPS module is connected

## TROUBLESHOOTING - FCC INFO

**PROBLEM:** Display shows an error code. Codes are listed in the installation guide.

- Warning communicates a problem at the Interface Box
- Check connections in the Interface Box
- Perform “reset features”
- See dealer/installer

If a T error occurs:

- Press PWR to turn off unit
- Check connections in the Interface Box
- See dealer/installer

**NOTE:** This T error occurs only at Power Up.

If difficulties occur which cannot be solved by information in this Troubleshooting Guide, please call Whistler Customer Service at 1-800-531-0004 or visit our FAQ page at

**[www.whistlergroup.com](http://www.whistlergroup.com)**, before returning your unit for service.

### FCC INFORMATION

**FCC ID: HSXWH28** 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, (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 TECHNOLOGIES**

### **ARE DETECTORS LEGAL?**

In Most States YES. Laser-Radar detectors are legal in every state (except Virginia and Washington, D.C., which have local regulations restricting the use of radar receivers in any vehicle) when used in automobiles or light trucks (under 10,000 lbs.).

The Federal Highway Administration (FHWA) issued a regulation, effective January 1994 which prohibits radar and laser detector use in vehicles over 10,000 lbs. Prior to the FHWA regulation, laws existed in New York restricting the use of radar detectors in trucks over 18,000 lbs. and in Illinois in trucks over 26,000 lbs.

### **POP™ Mode**

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.

### **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 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.

## SPEED MONITORING TECHNOLOGIES

For best protection, keep these points in mind:

- Because the vehicle's license plate or headlights are the laser gun's primary targets, mounting an auxiliary laser antenna module 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 can'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 +/- 50nm.

### 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.

### 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.

## SPEED MONITORING TECHNOLOGIES

### **Radar Facts - Continued**

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:** Your radar detector is designed to alarm if an officer is transmitting on any one of the above radar bands.

### **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 police measure the time it takes your vehicle to travel a known distance.

### **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 detector equipped vehicles. If caught in a state or country where detectors are illegal drivers risk losing their radar detector and receiving a fine. In addition, instant-on radar is almost always used in combination with an RDD, leaving unsuspecting motorists vulnerable to receive two tickets; one potential for speeding, and the other for possession of a detector.



## SPEED MONITORING TECHNOLOGIES

**NOTE:** The newest tool Police have to detect radar detectors is called Spectre. Spectre can detect the majority of undetectable (VG-2) laser/radar detectors on the market.

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

## WARRANTY INFORMATION

### Consumer Warranty

This Whistler Laser/Radar detector is warranted to the original purchaser for a period of five 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 the above time. Whistler is not liable for damages arising from the use, misuse, or operation of this product.

**NOTE:** Units that cannot be repaired will be replaced with the same or similar model. Replacement unit's warranty will be based on the original unit's purchase date.

### 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."

## WARRANTY INFORMATION

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, please follow these instructions:

Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested to:

**Whistler Repair Dept.**

1412 South 1st St.  
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!**

1. 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.
2. Be certain your unit is returned with its serial number. For reference, please write your unit's serial number in the space provided on the Accessory page of this guide.

## WARRANTY INFORMATION

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 store receipt. You may register your warranty online at [www.whistlergroup.com](http://www.whistlergroup.com), however, for warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty work.

### Service Out-of-Warranty

Units will be repaired at “out-of-warranty” service rates when:

- The unit’s original warranty has expired.
- A dated store receipt 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 \$95.00 (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 in the amount stated above. Payment may also be made by MasterCard, VISA or American Express; **personal checks are not accepted.**

## WARRANTY INFORMATION

**In the event repairs cannot be covered by the minimum 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, 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 and an email address (if applicable).

### **Customer Service**

If you have questions concerning the operation of your Whistler detector, or require service during or after the warranty period, please call Customer Service at:

**1-800-531-0004**

Representatives are available to answer your questions  
Monday - Friday from 8:00 a.m. to 5:00 p.m. (CT).

**[www.whistlergroup.com](http://www.whistlergroup.com)**

## SPECIFICATIONS

### **Radar Frequencies:**

10.500 - 10.550 GHz (X Band)

24.050 - 24.250 GHz (K Band)

33.400 - 36.000 GHz (Ka Super wideband)

**Laser Wavelength:** 905 +/- 100 Nanometers (nm)

### **Operating Temperature Range:**

-10 C to +70 C (+14 F to +158 F)

### **Power Requirements:**

Operational 12 to 15 volts DC, 300mA nominal (4 amp fuse)

Vehicle Battery Saver, 30mA nominal.

**NOTE:** Nominal power requirement will increase when optional modules are installed.

Patents can be viewed here:

[www.whistlergroup.com/pat](http://www.whistlergroup.com/pat)

POP™ Mode is a trademark of MPH Industries, Inc.

SWST™ is a trademark of Safety Warning System L.C.

**Specifications are subject to change without notice.**



## ACCESSORIES

The following accessories can be ordered directly from Whistler by calling 1-800-531-0004 or visit our online store at [www.whistlergroup.com](http://www.whistlergroup.com).

Order Code	Description	Price
RCL-360	GPS Module w/USB cable	\$129.95
SWRA-37	Rear Laser/Radar Antenna	\$139.95
LRM-360	Laser Antenna	\$39.95

Shipping and handling (per order) \$5.00. Prices are subject to change without notice.

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write serial number in the space provided

**CORPORATE  
HEADQUARTERS**

1716 SW Commerce Dr. Ste. 8  
Bentonville, AR 72712  
Toll Free (800) 531-0004  
TEL (479) 273-6012  
[www.whistlergroup.com](http://www.whistlergroup.com)

**CUSTOMER RETURN CENTER**

1412 South 1st St.  
Rogers, AR 72756  
Customer Service Tel 800.531.0004

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