

**OWNER'S MANUAL**  
**PRO-3600**  
**LASER/RADAR DETECTOR**

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**WHISTLER**

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

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! 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 Customer,  
Whistler has utilized its high performance antenna design and incorporated it into a totally new remote installed Laser/Radar detector! This model not only packs features common with Whistler's high end models such as Ka Max Mode, RSID, LSID, 4 Filter modes and Real Voice but it was designed up front to be expandable for future accessories.

The Pro-3600 maintains the easy to install nature of previous remote units and many of their unique features, such as: Multi-Directional Text Display, Compact Display Module, Outside Temperature, Battery Voltmeter and Flexible Mounting options. New features include its modular design for expandability and an Alert LED that can double as a faux auto security alarm indicator.

The optional GPS module (model number: RLC-360) provides you with unique features not found on units without GPS such as: Compass Headings, Clock, Vehicle Speed, Max Speed, Trip Time and Miles, known Red Light/Speed Camera Locations, Automatic Auto Quiet and Filter Modes with Speed, Adjustable Over Speed Warning and more.

The Pro-3600 is loaded with user friendly features. To utilize your unit to its full 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.

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.

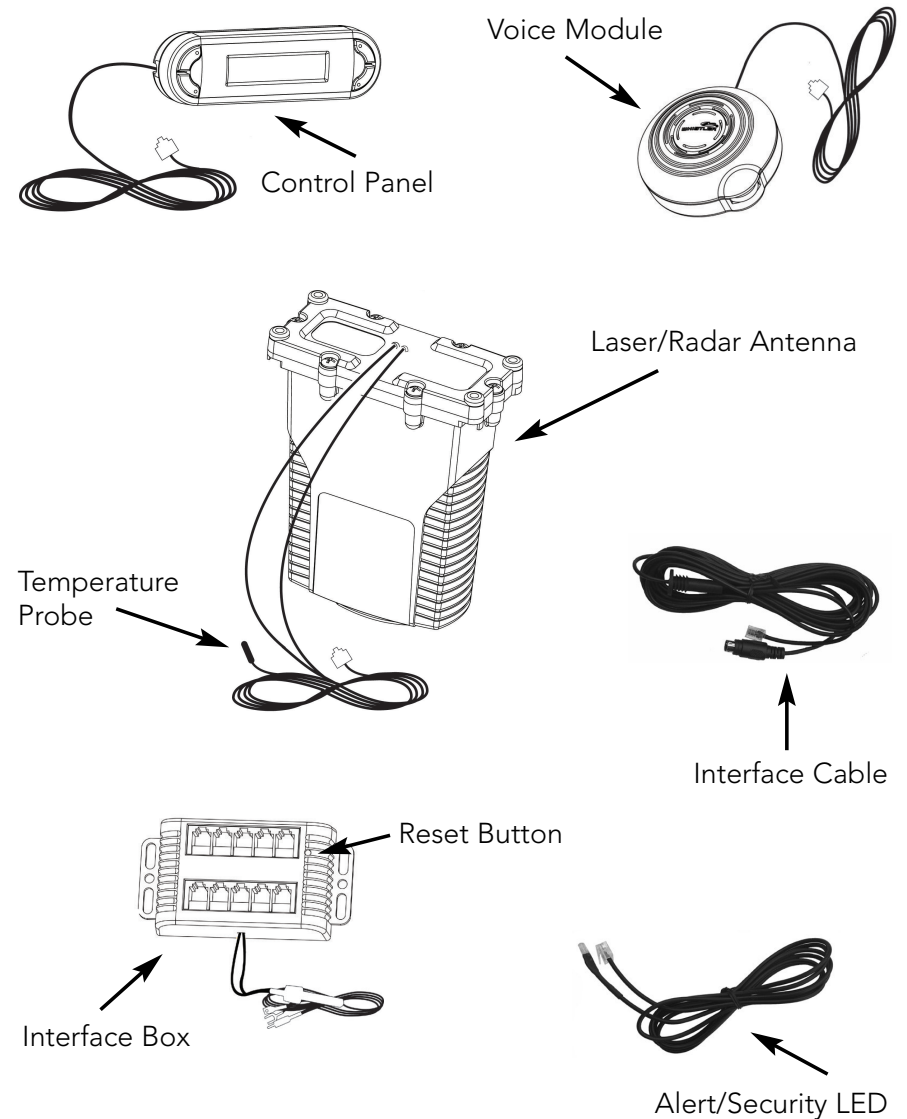
Special features include:

- 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. Module also adjusts the maximum audio level.
- Laser-Radar Antenna - Compact, high performance antenna receives laser as well as radar signals. Pro-3600 detects the Laser Atlanta Steath 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 NORM, SR OFF, VOICE ON, POP OFF, B SVR 6, FILTER, 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 will 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:

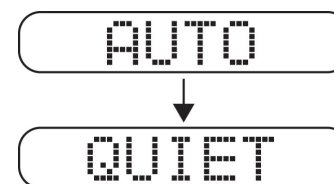
- Move Volume control on the voice module back to increase audio level.
- Move Volume control on the voice module forward to decrease audio level.

## 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 optional 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.

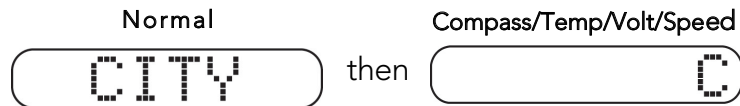
- Press Quiet to cancel the audio.
- Press Quiet a second time during an alert to restore the standard audio alert pattern.

# OPERATION

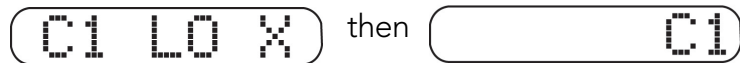
## City/City 1/City 2 Modes

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.

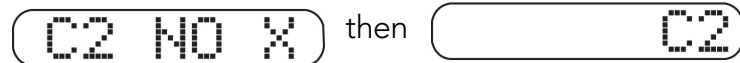
- Press City to cancel Highway Mode and engage City Mode.



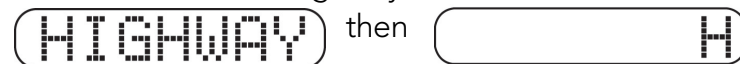
- Press City again to enter City 1 Mode.



- Press City again to enter City 2 Mode.



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



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.

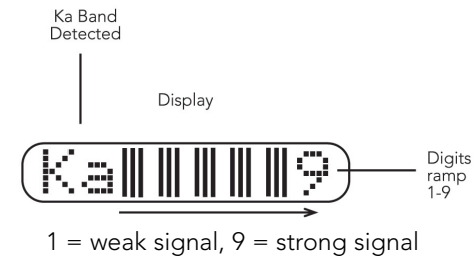
# OPERATION

## 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 F.A.Q. 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.



## OPERATION

### Understanding the Display

The Pro-3600'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

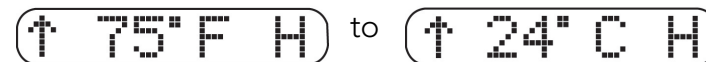
Flashing character will be displayed in place of the Heading, Clock or Speed when the GPS module is acquiring a signal. Display showing "NO F", "NO :", "NO V" indicates that Temperature, Clock and Voltmeter have been turned off in Option Mode.

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

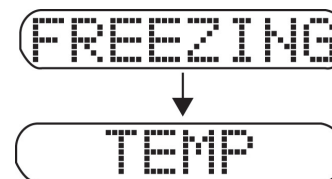
## OPERATION

### 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 degrees.

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/Dimmer/Dark Modes

Dim/Dimmer/Dark Mode reduces the illumination of the display.

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



- Briefly press and release the Dark button a second time engages Dimmer Mode. The display illumination is further reduced.



- Briefly press and release the Dark button a third 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 dimmer setting. Dim Modes can be engaged during an alert.



- Briefly press and release the Dark button a fourth 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



See Option Select Mode on page 19-20 to change display viewing.



## OPERATION

### Vehicle Battery Saver Mode - Security 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.

### 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.

Refer to "Option Select Mode" for instructions for changing the Vehicle Battery Saver/Security Mode settings.

## OPERATION

### Four Filter Modes

There are times when a radar detector in another vehicle, can emit a frequency which can cause your detector to falsely alarm. The Whistler Filter Mode options provide additional signal processing to minimize the occurrences of these false alarms. Filter mode provides normal processing. Filter 1, Filter 2, and Filter 3 modes provide additional signal analysis before alarming.

Filter Mode is the factory default setting and should provide adequate filtering for most conditions. If you experience excessive alerts due to radar detectors in other vehicles, try Filter 1, Filter 2, and then Filter 3 modes. Filter Mode analysis occurs in Highway Mode and all City Modes. See Option Selection Mode to change the filter settings.

**Note:** Speed selectable Filter is available with the optional 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.

Whistler has two new exciting features that will assist the driving enthusiast to further identify threats from Laser and Ka band radar guns.

### 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).

## OPERATION

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.

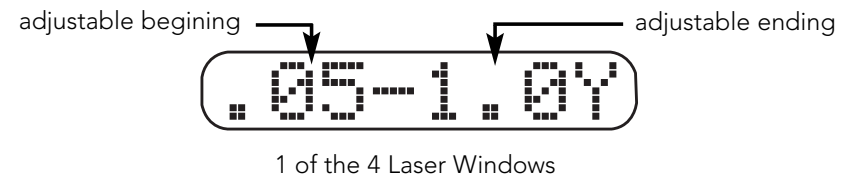
## OPERATION

### 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 Pro-3600 is capable of alerting to these locations with the optional RLC-360 GPS module and Veri-Light™ Database.

# OPERATION

## SWS™

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 Radar

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. Optional GPS Red Light/Speed Camera information

# OPERATION

## 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 decending order.

Press Quiet:	Display Shows:	To Change: D=Dark/P=PWR	To Reset or Accept Groups:	Options:
1st Time	Filter	D or P	N/A	Filter, Filter1, Filter2, Filter3, (Four Different Filters)
2nd Time	Test Yes	D=Yes P=Off	N/A	Yes - X, K, Ka Laser Audio Tones OFF - One Beep during Power Up
3rd Time	Radar 1Y	D=Yes P=No	N/A	Radar 1 Y or N
4th Time	Radar 2N	D=Yes P=No	N/A	Radar 2 Y or N
5th Time	TEMP F	D or P	N/A	Changes temp reading F, C, or No
6th Time	VOLT YES	D=Yes P=No	N/A	Battery Voltage Yes or No
7th Time	X - ON	D=ON P=OFF	N/A	X Band ON, OFF
8th Time	K - ON	D=ON P=OFF	N/A	K Band ON, OFF
9th Time	Ka- NORM	D or P	N/A	Norm, Off, Max, Maxld, RSID
10th Time	LSR NORM	D or P	N/A	LASER (NORM, OFF, LSID)
11th Time	.05 - 1.0 Y	D or P	Press both D&P	D= Left Group Adj, P= Right Group Adj Change Laser Detection Area
12th Time	1.0 - 2.0 N	D or P	Press both D&P	D= Left Group Adj, P= Right Group Adj Change Laser Detection Area
13th Time	2.0 - 3.0 N	D or P	Press both D&P	D= Left Group Adj, P= Right Group Adj Change Laser Detection Area
14th Time	3.0 - 4.0 N	D or P	Press both D&P	D= Left Group Adj, P= Right Group Adj Change Laser Detection Area
15th Time	LSR XR N	D=YES P=NO	N/A	Expanded Laser Y or N
16th Time	SR OFF	D=ON P=OFF	N/A	SWS ON or OFF
17th Time	POP OFF	D=ON P=OFF	N/A	POP Mode ON or OFF
18th Time	RMP STD	D or P	N/A	Signal Strength: Standard or Fast
19th Time	TONE 3	D or P	N/A	Tone 1, 2, 3 (Three Different Tone Patterns)
20th Time	Voice ON	D=ON P=OFF	N/A	Real Voice Engaged, Real Voice Disengaged
21st Time	S-Belt Y	D=YES P=NO	N/A	Seat Belt Warning Voice Y or N
22nd Time	B SVR 6	D or P	N/A	Battery Saver rotation (6hr - OFF - 1hr - 3hr)
23rd Time	LED-BLNK	D or P	N/A	Alert LED ON (ON, OFF, Blinking)
24th Time	LED-GRN	D or P	N/A	Changes Alert LED Color - Green, Yellow, Red
25th Time	SECLD Y	D=YES P=NO	N/A	Security LED Y or N
26th Time	DSP NOR	D or P	N/A	Normal, Vertical, Reversed

# OPERATION

**Note:** GPS features are for use with the Optional 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.

Press Quiet:	Display Shows:	To Change: D=Dark/P=PWR	To Reset or Accept Groups:	Options:
27th Time	GPS N	D=YES P=NO	N/A	GPS Mode Y or N
28th Time	LOCAL-5	D or P	N/A	Change Time Zone
29th Time	DST Y	D=YES P=NO	N/A	Daylight Savings Y or N
30th Time	CLOCK Y	D=YES P=NO	N/A	Clock Display Y or N
31st Time	ALARM OFF	D=YES P=NO	N/A	"Top of the Hour" Alert ON or OFF
32nd Time	REST OFF	D=YES P=NO	N/A	GPS Stay Alert ON or OFF
33rd Time	COMPAS Y	D=YES P=NO	N/A	Compass Mode Y or N
34th Time	VOICE N	D=YES P=NO	N/A	Compass Voice Y or N
35th Time	SPD MPH	D or P	N/A	Select MPH, KMH or Off
36th Time	O-SPD	D or P	N/A	Over Speed Warning - Select desired speed limit for alert to sound
37th Time	AQSPD 0	D or P	N/A	Select low speed limit for Auto Quiet to engage
38th Time	AFSPD	D or P	N/A	Select low speed limit for Filter 3 to engage
39th Time	HSPD	D or P	Press both D&P	Shows Max Speed
40th Time	ODO 0	D or P	Press both D&P	Shows Trip Mileage
41st Time	ET 0:0	D or P	Press both D&P	Shows Trip Time
42nd Time	RAD 400	D or P	Press both D&P	Select 200, 400, or 600 radius
43rd Time	D- RAD 400	D or P	Press both D&P	Select 200, 400, or 600 delete waypoint radius
44th Time	ALL/RAD DEL	D or P	N/A	Select a Radius Delete or Delete all waypoints

# OPERATION

## Teach/Tutorial Mode

Provides simulated alerts for each type of signal.

- Press City and Quiet simultaneously and release.

Display shows:

TEACH

## 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.

## 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:

RU ALERT

Within 30-60 seconds, two beeps are sounded; to show alertness, the driver must press either the City, Menu, 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 and the display shows:

GET REST

- 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 such as the laser receiver 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 optional 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:



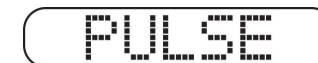
An asterisk is displayed when the optional laser antenna receives a signal.

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 and the 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.

## 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                                | 21. LED Green                    |
| 2. City/Highway to Highway.                              | 22. Security LED YES             |
| 3. Dim/Dimmer/Dark Mode to full illumination of display. | 23. GPS NO                       |
| 4. Auto Quiet Mode OFF.                                  | OPTIONAL GPS RELATED FEATURES    |
| 5. Filter.   | 24. DST NO                       |
| 6. Voice ON.   | 25. Local -5 (Eastern)           |
| 7. All Bands ON  | 26. Clock YES                    |
| 8. Laser NORM  | 27. Alarm OFF                    |
| 9. Lsr window reset and .05 -1.0 is Y                    | 28. REST OFF                     |
| 10. Vehicle Battery Saver ON/6hrs.                       | 29. Compass YES                  |
| 11. POP™ Mode OFF.                                       | 30. Compass Voice NO             |
| 12. Safety OFF.  | 31. SPEED MPH                    |
| 13. Full Power Up sequence.                              | 32. Over SPD 80                  |
| 14. Default TONE 3.                                      | 33. Auto Quiet SPD 0             |
| 15. Volt YES.  | 34. Auto Filter SPD 0            |
| 16. TEMP F.  | 35. High Speed: Cleared          |
| 17. Display to Normal orientation.                       | 36. Odometer: Cleared            |
| 18. Ramp up STD.   | 37. Estimated Trip Time: Cleared |
| 19. LED BLNK   | 38. Alarm Radius: 400            |
| 20. Seat Belt YES  | 39. Delete Radius: 400           |

## 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 when 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 audio level setting.
- 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 manual.

- 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 P/V 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 F.A.Q. page at [www.whistlergroup.com](http://www.whistlergroup.com), before returning your unit for service.

### FCC INFORMATION

**FCC ID: HSXWH20** 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 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 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 (see page 27), 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



## SPEED MONITORING TECHNOLOGIES

**Radar Detector Detectors: VG-2, Spectre - Continued**  
vulnerable to receive two tickets; one potential for speeding, and the other for possession of a detector.

**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, or 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:** This warranty does not include installation or reinstallation charges.

### **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, 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.  
551 N. 13th St.  
Rogers, AR. 72756

## WARRANTY INFORMATION

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 clearly printed information:

- 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.

3. Be certain your unit is returned with its serial number. For reference, please write your unit's serial number in the following space:

Laser/Radar Antenna s/n \_\_\_\_\_

Control Panel s/n \_\_\_\_\_

iBox 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 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.

## WARRANTY/SPECIFICATIONS

### 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 for \$95.00. Payment may also be made by MasterCard, VISA, or American Express; personal checks are not accepted. In the event repairs cannot be covered by the minimum \$95.00 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, 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).

**Note:** This warranty does not include installation or reinstallation charges.

## WARRANTY/SPECIFICATIONS

### 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) or visit the F.A.Q.'s at [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 Superwideband)

**Laser Wavelength:** 905 +/- 50 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.

One or more U.S. patents may apply: #5,146,227, #5,379,456, #5,666,120, #5,990,821 #7,215,276

POP™ Mode is a trademark of MPH Industries, Inc.  
SWS™ 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
RLC-360	GPS Module w/USB cable	\$ 129.95
SWRA-36	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.