OWNER’S MANUAL

FUZION

LASER/RADAR DETECTOR

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www.whistlergroup.com
Dear Whistler Owner,

Whistler has developed a complete and comprehensive laser-radar solution for “TUNERS”. This unit allows laser-radar protection that complements other automotive gauges installed in the vehicle.

Not only does this unit provide a stealthy installation but also delivers very powerful protection from the newest laser-radar guns – especially POP™ Mode detection! Along with POP™ Mode this unit also offers:

- **PROGRAMMABLE BLUE BACKLIT LCD TEXT DISPLAY**
  Create your own custom 10 character text display. The easy to read blue display shows alert and detector status.

- **BATTERY VOLT METER**
  Displays the battery voltage.

- **TEMPERATURE METER**
  Provides outside temperature with freezing alert.

- **CONTROL PANEL DESIGNED TO FIT 2 1/16" GAUGE MOUNTS**
  This allows use of after market housings to further customize this unit.

Even though this unit is packed full of features, it’s 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.

Enjoy your new Whistler and please drive safely.

Sincerely,

The Whistler Group, Inc.
Whistler’s ergonomic and user-friendly design provides a new level of operating convenience. Special features include:

- **Radar Antenna** - Compact, high-efficiency antenna
- **City/City 1/City 2 Mode** – Reduces the annoyance of false alerts typically encountered in urban driving areas.
- **Laser Module** – Provides front / rear laser protection
- **Voice Module** – Provides voice and warning tones

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

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**WHISTLER FEATURES—OPERATION**

- **Programmable Blue Backlit Text Display** - Create your own custom 10 character text display. The easy to read provides distinct visual confirmation of signals detected, signal strength, and indicates engaged modes of operation.

- **Outside Temperature & Battery Voltmeter** - Monitors the outside air temperature and displays the battery voltage.

- **Total Band™ Protection** - Provides Complete Band Coverage of all Laser and Radar Bands, VG-2 and Safety Radar Bands.

- **Stay Alert** - Whistler’s exclusive Stay Alert™ feature tests your alertness on long trips.

- **Selectable Bands** - Allows for the user to turn off bands not used in that specific driving area.

- **Alert Priority** - If more than one signal is received at the same time, the most important alert is displayed.

- **Quiet/Menu Button** - Pressing QUIET before a signal is detected engages Auto Quiet Mode which automatically reduces the optional audio level; after the initial warning to a low audio level setting. Pressing QUIET during a radar/laser encounter silences audio alerts, while allowing visual alerts to keep you informed. Pressing and holding Quiet for 2 seconds allows you to enter Option Select Mode (see page 12).

- **Power/Volume Control** - Turns unit on/off and adjusts the base audio level for the tone option. Volume is adjusted on the voice module.

**OPERATION**

**Power On And Self-Test**

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

- Press P/V or apply Power. Display shows:

  - **WHISTLER**  
  - **Ka**  
  - **9**  
  - **VG2 OFF**  
  - **X**  
  - **Laser**  
  - **SR OFF**  
  - **K**  
  - **9**  
  - **POP ON**  
  - **HIGHWAY**

**FUZION’s Display**

The LCD display shows the detected signals as well as battery voltage, air temperature and AUX out selection. See example:

- **Battery Voltage**
- **Temperature**
- **Voice Output**
NOTE: The features listed above can be programmed ON or OFF in Option Select Mode. If one or more are programmed OFF, that area will be blank. See example of all programmed OFF below:

Currently the laser-radar information is centered in the display, but these can be programmed in Option Select Mode to have either the battery voltage or air temperature displayed center stage.

Ice Warning Mode:
When temperature drops to 32°F display shows:

Displays “Freezing” then “Temp”

Ice Warning Mode
Unit then gives a unique warning tone and the backlight will flash. This will only happen once after the unit is first turned on. 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.

Programmable Text Display
This model has the ability to modify the standard laser/radar detector’s display. “WHISTLER”, “HIGHWAY”, “CITY”, “CITY 1”, and “CITY 2” can be changed to display your name, or any combination of 10 characters. For example, “HIGHWAY” can be changed to “GO 4 IT”. 

Note: A space is counted as a character.

WARNING!!! Programming the text display is not intended to be done while you are driving. You should not use any device in a vehicle that may distract you from observing the road ahead.
To modify the text:
Press and hold the Quiet button to enter Option Select mode (see page 12). Once “USER TEXT” is displayed press and hold the Quiet button until the display shows “__ WHISTLER ” with a cursor under the first of 10 changeable characters.

Note: The cursor indicates that this is the first letter ready to be changed.

"Ex"..... P/V Long press ......... Exi t Option Mode and save all changes.
"Se"..... B/L Long press ......... Se lect a capital letter, small letter, number and a special character. (A,a,9,! ect)
"Sc"..... City Long press ...... continuous Scroll to next letter.
"NO"... Quiet long press ..... go to Next Option Mode item (Main Radar) and save all changes.
"Cu"..... P/V Short press ......... Cu rsor is advance to next character (position)
"*" ........ B/L Short press ...... scroll to previous letter.
"+"...... City Short press ...... scroll to next letter.
"NT"..... Quiet Short press ... go to Next option Text word.

Engaging/Disengaging VG-2
See option select mode to turn this feature on/off.

Note: Selecting “POP OFF” turns VG-2 ON.

Backlight Settings
The backlighting (B/L) can be programmed to be illuminated all the time, only when alarming, or choices in-between. The options are selectable by pressing the B/L button on the unit. The options are:

- OFF - OFF = Backlight is off during normal operation and off when the unit alarms.
- OFF - DIM = Backlight is off during normal operation and dim when the unit alarms.
- OFF - BRT = Backlight is off during normal operation and bright when the unit alarms.
- DIM - OFF = Backlight is dim during normal operation and off when the unit alarms.
- DIM - BRT = Backlight is dim during normal operation and bright when the unit alarms.
- BRT - BRT = Backlight remains on during normal operation as well as when the unit alarms.

The backlight will turn on, if selected, while the unit alarms and remain on for 3 seconds after the unit stops alarming. When any button is pressed the backlight will illuminate at the dim setting and remain on for 3 seconds afterwards. The backlight will also illuminate while in Option Select Mode.


**City/City 1/City 2 Mode**
Whistler’s Three Stage City Mode is designed to reduce the annoyance of automatic door openers, intrusion alarms and other devices which share frequencies with police radar. Generally X band is used for these devices.

- Press City to engage City.
- Press City a second time to engage City 1.
- Press City a second time to engage City 1.
- Press City a third time to engage City 2.
- Press City a fourth time to cancel City 2 Mode and return the unit to Highway Mode.

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

**CAUTION:** When selecting this mode, some towns/small cities may still be using X band radar. If Auto Quiet is engaged in City 1 or City 2 modes and the unit receives a strong radar signal, the unit performs the Auto Quiet feature. City Modes do not change the audio alert for laser or VG-2.

**Stay Alert™ Feature**
The Stay Alert™ Feature is designed to test a driver’s alertness. To engage (when unit is not alarming):
- Press and hold City for 2 seconds. Display shows:

  **RU ALERT**

  Within 30-60 seconds two beeps are sounded and the B/L flashes: to show alertness, the driver must press either the B/L, City or Quiet button within 3-5 seconds. If the button is pressed within 3-5 seconds, the cycle is repeated.

  If the button was not pressed within 3-5 seconds, the alarms sounds, B/L flashes and the display shows:

  **GET REST**

  - Press P/V to exit.

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

Entering Option Select Mode allows you to customize options such as Tone Select, Real Voice®, Abbreviated Power Up Sequence test and VG-2 Mode. When selecting options, B/L=yes, City (C)=no, Quiet (Q)=next selection. Any one of these must be pressed within 20 seconds or options mode will automatically be exited. To enter:

<table>
<thead>
<tr>
<th>Press Q:</th>
<th>*Display Shows</th>
<th>2 Change Press</th>
<th>Option Shows:</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 2 seconds</td>
<td>User Text</td>
<td>See page 8 for total Description</td>
<td></td>
</tr>
<tr>
<td>2nd time</td>
<td>MAIN-RADAR B/L or C</td>
<td>Main-Temp Main-Batt</td>
<td></td>
</tr>
<tr>
<td>3rd time</td>
<td>Tone 3 B/L or C</td>
<td>Tone1, Tone 2</td>
<td></td>
</tr>
<tr>
<td>4th time</td>
<td>TEST YES B/L = YES C = NO</td>
<td>X, K, Ka Audio tones 1 beep during power up</td>
<td></td>
</tr>
<tr>
<td>5th time</td>
<td>TEMP °F B/L or C</td>
<td>Changes Temp Reading</td>
<td></td>
</tr>
<tr>
<td>6th time</td>
<td>TEMP YES B/L = YES C = NO</td>
<td>Temp ON Temp OFF</td>
<td></td>
</tr>
<tr>
<td>7th time</td>
<td>BATT YES B/L = YES C = NO</td>
<td>Battery Voltage ON Battery Voltage OFF</td>
<td></td>
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<tr>
<td>8th time</td>
<td>POP ON B/L = ON C = OFF</td>
<td>Turns POP® Mode ON Turns POP® Mode OFF</td>
<td></td>
</tr>
<tr>
<td>9th time</td>
<td>SR OFF B/L = ON C = OFF</td>
<td>Turns Safety Radar ON Turns Safety Radar OFF</td>
<td></td>
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<td>10th time</td>
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<td>K BAND ON B/L = ON C = OFF</td>
<td>Turns K Band ON Turns K Band OFF</td>
<td></td>
</tr>
<tr>
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<td>Ka BAND ON B/L = ON C = OFF</td>
<td>Turns Ka Band ON Turns Ka Band OFF</td>
<td></td>
</tr>
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<td>Laser ON B/L = ON C = OFF</td>
<td>Turns Laser ON Turns Laser OFF</td>
<td></td>
</tr>
<tr>
<td>14th time</td>
<td>Voice ON B/L = ON C = OFF</td>
<td>Real Voice® ON Real Voice® OFF</td>
<td></td>
</tr>
<tr>
<td>15th time</td>
<td>Tone OFF B/L = ON C = OFF</td>
<td>Turns Tone ON Turns Tone OFF</td>
<td></td>
</tr>
<tr>
<td>16th time</td>
<td>LED OFF B/L = ON C = OFF</td>
<td>Turns LED ON Turns LED OFF</td>
<td></td>
</tr>
</tbody>
</table>

*Factory settings.*

Press and hold P/V twice anytime to exit. **NOTE:** Turning POP® Mode off, turns on VG-2.

### Teach Mode

Provides simulated alerts for each type of signal
- Press City and Quiet simultaneously and release.
- Display shows: TEACH
- Press Power to exit.
Aux Out
Three options can be used with this unit; LED output, Tone output and Voice output (included).

LED - The LED will flash to indicated signal detection. The faster the flash rate, the stronger or closer the laser/radar signal will be. This replaces the normal audio found in other detectors. The bright LED will catch your attention as an audio alert may not. NOTE: when this option is selected, volume level will not be displayed on the screen.

Tone - The Tone output provides a signal to an optional audio module. This module will provide audio for laser/radar signals. Use and installation instructions will be included with this option. Volume to this module can be adjusted using the P/V button.

Voice - Voice option is defaulted to ON in option mode. The Voice Module not only provides voice announcements of bands received, it also provides audio alerts for laser/radar signals that are detected. Use and installation instructions will be included with this option.

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 (Tone Option)
The audio levels can be adjusted high to low, or low to high, in eight steps: (0) is no audio level, (7) the highest.

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

Auto Level Adjustment (Voice Option - Std)
Adjust the desired volume using the voice module’s built-in control.

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 and hold P/V and the volume will go to the max level (7), then proceed to lower the volume to level (0). Continuing to hold the P/V button will repeat the volume steps above.

• Press Quiet (before a signal is detected) to engage Auto Quiet. Display shows: 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.

Note: When Auto Quiet engages, it cancels the audio to the Voice Module.

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

• Press Quiet to cancel the audio.
• Press Quiet a second time during an alert to restore the standard audio alert pattern; or turn the unit off, then on.
**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, or the flash of the LED, the closer or stronger the radar source. Example:

![Speed Radar Display]

1 = weak signal, 9 = strong signal

**Pulse Protection®**
When a pulse type signal (instant-on strong signal) is detected an urgent 3 second audio warning is sounded and the display shows:

PULSE

---

**Safety Warning System™ Text**
Example: Poor Road Surface:

CAUTION
POOR
ROAD
SURFACE

**Note:** Not all areas have SWS™ transmitters.
In communities where transmitters are located, the Safety Warning System™ displays over 60 text messages. When Safety Radar is detected, the audio alert is geiger counter-like.

**Laser Audio/Visual Alerts**
When a laser signal is detected, the word “Laser” and signal strength is displayed, the audio alert is continuous for a minimum of 3 seconds.

Example: LASER

The more “|||” the closer the laser source.
Reset Features
All user features can be reset to factory settings.
• Remove Power from unit.
• Press and hold P/V and Quiet.
• Apply power to the unit.
• Wait for display to show “Factory Reset”.
• Release P/V and Quiet. Unit is now reset to the following features and settings.
  1. Audio to level (5).
  2. Set to Highway Mode.
  3. B/L to DIM-BRT.
  4. Auto Quiet Mode OFF.
  5. VG-2 Detection Mode OFF.
  6. Voice ON.
  7. POP™ Mode ON.
  8. Safety Radar OFF.
  9. Full Power Up sequence.
 11. BATT ON.
 12. TEMP ON.
 13. TONE OFF.
 14. TEMP to “F”.

Care And Maintenance
Do not spray water, cleaners or polishes directly onto the unit. Keep the laser-radar lens clean for optimum performance. Also, do not use any abrasive cleaners on the unit’s exterior.

VG-2 Audio/Visual Alerts
**Note:** You must turn the POP feature OFF in option select mode before it will detect VG-2.
When a VG-2 signal is detected, the detector “hides” its own radiated signal and becomes undetectable by the VG-2.

**VG2 VG2**
Text message confirms detection of VG-2.
Every 30 seconds, the detector checks for a VG-2 signal. If a VG-2 signal is still 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.
Having a laser/radar detector does not make you invisible or immune to laser/radar guns. As in the case with detecting instant-on radar, there are some circumstances that the VG-2 may detect your laser-radar detector before the laser-radar can detect the VG-2 signal in time to hide. (Reference page 24 for Radar Detector ‘Detector’ information.)

**Alert Priority**
When two or more signals are received at the same time, the alert priority is:
  1. Laser
  2. VG-2
  3. Speed Radar
  4. Safety Radar

**Example:**
If X band is alerting, then suddenly a VG-2 signal is detected, the VG-2 warning will override the X band alert.
Communication Breakdown

If a problem arises between the control panel and the laser/radar antenna, the unit will give a unique audio tone, and the B/L will go to full brightness. The display shows:

<table>
<thead>
<tr>
<th>COM ERROR</th>
<th>T ERROR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trouble w/ Radar Antenna</td>
<td>Trouble w/ Temp Probe</td>
</tr>
</tbody>
</table>

If a COM error occurs:
• Press P/V to turn unit off.
• Check connection in back of control panel.
• Perform “reset features.”
• See dealer/installer.

If a T error occurs:
• Press P/V to turn off unit.
• Check temperature probe installation for possible pinched wire.
• See dealer/installer.

NOTE: This T error occurs only at Power Up.

Troubleshooting Guide

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

<table>
<thead>
<tr>
<th>PROBLEM: No display.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Check fuse in power cable, replace if necessary.</td>
</tr>
<tr>
<td>• Check fuse in fuse box, replace if necessary.</td>
</tr>
<tr>
<td>• Make sure power cable is properly grounded.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROBLEM: Unit alarms when vehicle equipment or electrical accessories (brakes, power mirrors/windows, directionals, horn, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Check conditions of vehicle’s electrical system, including battery and alternator.</td>
</tr>
<tr>
<td>• Install a filter capacitor (470 mfd. 25 volt or larger capacitance value) where power connection is made.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROBLEM: Display shows communication error. Also see page 20.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Warning communicates “loss of link” between control panel and Laser-Radar antenna.</td>
</tr>
<tr>
<td>• Check antenna connection at back of control panel.</td>
</tr>
<tr>
<td>• Contact the factory if you suspect antenna is defective.</td>
</tr>
</tbody>
</table>

If difficulties occur which cannot be solved by information in this Troubleshooting Guide, please call Whistler Customer Service at 1-800-531-0004 before returning your unit for service.
ARE DETECTORS LEGAL?

In Most States YES!
Laser-Radar detectors are completely legal in every state, (with the exception of 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.). Concerning trucks over 10,000 lbs., the Federal Highway Administration (FHWA) issued a regulation, effective January, 1994 which prohibits radar and laser detector use in these types of vehicles nationally. Prior to the FHWA regulation, laws existed in the state of New York restricting the use of radar detectors in trucks over 18,000 lbs. and in Illinois in trucks over 26,000 lbs.

FCC ID: HSXWH06
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 TECHNOLOGIES

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
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 that 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.

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 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
SPEED MONITORING TECHNOLOGIES

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

- 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.

- Pro Laser™ I II III
- LT1 20-20
- Ultra Lyte

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 detector equipped vehicles. If caught in a state or country where detectors are illegal, (see page 22), 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 receiving two tickets — one potentially for speeding, the other for possession of a detector.

**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 the Spectre RDD 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.

Consumer Warranty
This Whistler detector is warranted to the original purchaser for a period of three years from the date of original purchase against all defects in materials and workmanship. **This limited warranty is void if the unit is abused, modified, installed improperly, if the housing 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:** Warranty doesn’t 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 under warranty, follow these instructions:

1. Ship both the control panel and antenna (CAUTION: DO NOT CUT WIRES when removing the antenna as this will void the warranty) in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested to:

   Whistler Repair Dept.
   1201 North Dixieland Road
   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. COD’s 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 e-mail address if applicable. (No P.O. Box please.)
   - A detailed description of the problem (e.g., “Unit performs self-test but does not respond to radar”).
   - A copy of your dated 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 spaces:
     Antenna S/N ________________________________
     Control Panel S/N ________________________________
     Laser Receiver 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, 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 $55.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section “Service Under Warranty” along with a certified check or money order for $55.00. Payment may also be made by MasterCard, VISA or American Express; personal checks are not accepted.

In the event repairs cannot be covered by the minimum $55.00 service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you. If you elect not to have your unit repaired, it will be returned to you and your repair fee will be refunded. CODs will not be accepted! Therefore, please ship your unit insured with return receipt requested.

IMPORTANT: When returning your unit for service, be certain to include a daytime telephone number and an e-mail 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 8:00 a.m. to 5:00 p.m. (CT), or visit the FAQ’s at www.whistlergroup.com
• **Dimensions:** Antenna: 1.4" H x 4.0" W x 3.6" L  
  Control Panel: 3” L x 2.062” Diameter  
  Laser Module: 1.9” H x .9” W x .7” L

• **Weight:** Antenna: 8.1 oz.  
  Control Panel: 5 oz.  
  Laser Module: 1.4 oz.

• **Laser Wavelength:**  
  905 ± 50 nanometers (nm)

• **Radar Frequencies:**  
  10.500 - 10.550 GHz (X Band)  
  24.050 - 24.250 GHz (K Band)  
  33.400 - 36.000 GHz (Ka Superwideband)

• **Operating Temperature Range:**  
  -20˚ C to +80˚ C (-4˚ F to +176˚ F)

• **Power Requirements:**  
  Operational 12 to 15 volts DC, 200mA nominal

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

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