

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

CUSTOMER SERVICE
479.273.6012

Monday - Friday • 8:00 am - 5:00 pm CT
or visit our website
www.whistlergroup.com

Please keep the receipt in a safe place. You may register your product online at 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.

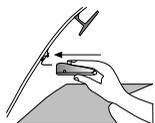
INSTALLATION

Mounting Guidelines

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

Windshield Mounting

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



If the detector is removed, this may cause blistering of the dash in some vehicles.

INTRODUCTION

Dear Whistler Owner,

For many of us, a vehicle is more than just transportation. It can be a mobile office, communications or entertainment center, or simply an expression of your personality. Whistler products are designed to make the time you spend in your vehicle more productive and provide you technology for your everyday life.

Your new Whistler laser-radar detector is fully featured to provide these features and more:

- HIGH GAIN LENS** provides increased field of view
- CITY MODE** reduces the annoyance of false alerts

Even though these units are packed full of features, they're 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 Detector and please drive safely.

Sincerely,

The Whistler Group, Inc.

INSTALLATION

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

Power Connection

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

NOTE: Cord fits tightly into detector. When installing the cord, expect some resistance.

Fuse Replacement

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



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

OPERATION

Power On and Self-Test

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

- Press Power. Display reads in order: **1. X 2. K 3. Ka 4. Ku 5. LASER 6. P/C**

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OPERATION

Setting Saver

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

Feature Engaged Confirmation

Each time a button is pressed, one beep confirms feature "on", two beeps confirm feature "off".

Audio Level Adjustment

As the audio level is adjusted, beeps are provided at each level and the display indicates the current level by lighting or flashing the Alert LEDs in sequence.

Auto Quiet Mode

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

- Press Quiet/Menu (before a signal is detected) to engage Auto Quiet.
- Once the Auto Quiet mode is engaged, you may cancel the audio alarm by pressing Quiet.
- Press Quiet (when the unit is not alarming) to cancel Auto Quiet mode.

Quiet Mode

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

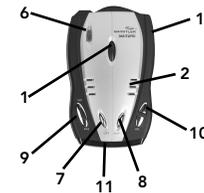
- Press Quiet to cancel the audio.
- Press Quiet a second time during an alert to restore the standard audio alert pattern; or turn the unit off, then on.

WHISTLER FEATURES

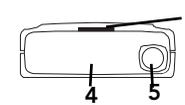
Feature Listings of 948 EURO

- LED Display
- High Gain Lens
- Stay Alert™
- 360° Total Perimeter Protection™
- Quiet Mode
- Auto Quiet Mode
- City Mode
- Vehicle Battery Saver
- Alert Priority
- Dim Dark Mode

948 EURO



948 EURO Accessories: Windshield Bracket Kit & Power Cord



OPERATION

City Mode

Whistler's 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 button to engage City Mode. City Mode LED will illuminate.
- Press the City button again to disengage City Mode. Highway Mode will illuminate.

In City Mode, weak radar signals give an initial alert of two beeps, then remains quiet unless the signal becomes very strong. When the signal strength increases, two additional beeps are provided. City mode does not change the audio alert for laser.

Highway Mode

Highway mode provides full audio warnings anytime radar (X, K, Ka, Ku) or laser signals are detected, and is recommended for open road driving.

For more information on City and Highway mode, please visit our FAQ page on our website: www.whistlergroup.com

Dim/Dark Mode

Dim/Dark Mode reduces the illumination of the display.

- Press and hold the power button for 2 seconds to reduce illumination to a Dim setting.
- Pressing and holding the power button for 2 seconds a second time engages Dark Mode. The display illumination is further reduced.

FEATURE DESCRIPTIONS

Whistler's ergonomic and user-friendly design provides a new level of operating convenience. Special features include: **Note: Not all units have all features listed.**

- Bracket Release Button** – Provides quick and easy release of the mounting bracket.
- Speaker** – Provides distinct audio tones for X, K, Ka, Ku band radar and laser.
- Mounting Bracket Location** – Slot holds mounting bracket firmly.
- Radar Antenna** – Compact, high-efficiency antenna receives radar signals.
- Front Laser Antenna** – High gain optical lens provides increased sensitivity and field of view for leading-edge laser detection.
- Rear Laser Antenna** – An integrated optical wave-guide provides superior detection of laser signals transmitted from behind.
- City Button** - Reduces the annoyance of false alerts typically encountered in urban driving areas.
- Quiet/Menu Button** - Pressing QUIET before a signal is detected engages Auto Quiet Mode which automatically reduces the audio level after the initial warning to a low audio level setting. Pressing QUIET during a radar/laser encounter silences audio alerts, while allowing visual alerts to keep you informed.
- Power/Dim Dark** - Turns unit on/off and engages Dim/Dark modes (press and hold for 2 seconds).
- Volume Up/Down Buttons** – Adjust volume up or down.
- LED Display** – Displays band identification and signal strength.
- Power Jack** – Provides connection for the power cord.

OPERATION

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

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

Vehicle Battery Saver Mode

The Vehicle Battery Saver Mode automatically shuts off your detector within 6 hours if you forget to turn it off. The timer is reset if the detector is turned off, unplugged or any button is pressed before the 6 hours have expired. The detector will alert you with an audible and visual warning before it shuts off.

During this warning you can reset the unit by pressing any button. This will reset the timer. If the unit has automatically turned itself off, press the Power button to turn the unit back on. You can manually engage the Vehicle Battery Saver Mode by pressing and holding the City button until one beep is heard.

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 the City button for approximately 2 seconds. Release the button during or immediately after the alerts are given.

The "H" or "C" will flash indicating Stay Alert is activated. Within 30-60 seconds two beeps are sounded; to show alertness, the driver must press either the Volume, City or Quiet button within 3-5 seconds.

If the button is pressed within 3-5 seconds, the cycle is repeated. If a button was not pressed within 3-5 seconds, alarm sounds and the display will flash all LED's.

Press the Power button to exit Stay Alert Mode.

LASER/RADAR ALERTS

Speed Radar Audio/Visual Alerts

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

Laser Audio/Visual Alerts

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

Alert Priority

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

1. Laser
2. Speed Radar

RESET FEATURES

Reset Features

All user features can be reset to factory settings.

- Unplug Power Cord from unit.
- Press and hold Power and Quiet.
- Plug Power Cord into unit.
- Wait for 2 beeps.
- Release Power and Quiet buttons.

Unit is now reset.

Default factory settings are:

1. Audio to level (4).
2. Highway Mode
3. Dim/Dark Mode to full illumination of display.
4. Auto Quiet Mode OFF.

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WARRANTY INFORMATION

2. Include with your unit the following information, clearly printed:
 - Your name and street address (for shipping via UPS), a daytime telephone number and 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: 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 units original warranty has expired.
- 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.

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TROUBLESHOOTING

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

PROBLEM: No display or audio.

- Check fuse in Whistler plug; replace if necessary with a 2 amp 3AG type.
- Check fuse for lighter socket; replace if necessary.
- Make sure lighter socket is clean.

PROBLEM: Unit alarms when vehicle hits bumps.

- Check for loose lighter socket; tighten and clean.
- Check connections at both ends of power cord. Substitute another cord to determine if cord is defective. Return defective cord to the factory.

PROBLEM: Unit alarms when using vehicle electrical accessories (brakes, power mirrors, power windows, turn signals, horn, etc.).

- Vehicle's electrical system, including battery and alternator, may have electrical noise. Install a filter capacitor (470mfd. 25 volt or larger capacitance value) on the back of the lighter socket.

PROBLEM: Unit gives laser alert when accelerating.

- Possible bad or low quality distributor cap. Replace with high quality cap.

PROBLEM: Audio alerts are not loud enough.

- Cancel Auto Quiet Mode or City Mode.
- Check audio level setting (see page 6).

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/faq-detectors.asp, before returning your unit for service.

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WARRANTY INFORMATION

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 along with your certified check or money order.

IMPORTANT: When returning your unit for service, be certain to include a daytime telephone number, and email address (if applicable).

SPECIFICATIONS

Dimensions: 4.65" L x 2.95" W x 1.45" H

Weight: 6.8 oz.

Laser Wavelength: 905 ± 50 nanometers (nm)

Radar Frequencies:

9.875 - 9.925 GHz (Euro X Band)
13.425 - 13.475 GHz (Ku Band)
24.050 - 24.250 GHz (K Band)
34.110 - 34.560 GHz (Ka Band)
34.450 - 36.000 GHz (Ka Band)

Operating Temperature Range: -20° C to +80° C (-4° F to +176° F)

Power Requirements:

Operational 12 to 15 volts DC, 250mA nominal
Vehicle Battery Saver, 30mA nominal.

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

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CARE & MAINTENANCE

Care & Maintenance

During the summer months, avoid prolonged exposure to direct sunlight by removing your unit from the dash when your vehicle is parked for an extended period of time. Do not spray water, cleaners, or polishes directly onto the unit. The spray may penetrate through the openings and damage the unit. Also, do not use any abrasive cleaners on the unit's exterior.

SPEED MONITORING

Radar Facts

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

Laser Facts

It's well documented that many radar guns cannot reliably provide the speed of a targeted vehicle that is traveling in a group of vehicles. In contrast, a laser gun can target a specific vehicle out of a line of traffic and determine its speed. The advantage of laser over radar in terms of target identification is the result of the laser gun's narrow beam. A radar transmission can cover more than a four-lane highway at a distance of 1,000 feet, compared with a laser transmission which covers about 3 feet at the same distance. For best protection, keep these points in mind:

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ACCESSORIES

These and other accessories can be ordered directly from Whistler by calling 1-800-531-0004 or visit our online store at www.whistlergroup.com

Order Code	Description	Price
202151	Windshield Bracket Kit	\$ 9.95
206552	Straight Power Cord (5')	\$ 14.95
206553	Coiled Power Cord (7')	\$ 15.95
206880	Hardwire Kit (10') (for wiring to fuse box)	\$ 9.95
206666	Modular Cord Package (includes coiled and straight cords, and power adapter)	\$ 17.95
159032	Package of 8 Suction Cups	\$ 2.95
402081	Non-Skid Dash Pad	\$ 6.95
206660	Straight Modular Cord and Socket Multiplier	\$ 11.95
206661	Coiled Modular Cord and Socket Multiplier	\$ 12.95

*Modular: Interconnecting pieces cord and plug. Shipping and handling (per order) \$5.00 Prices are subject to change without notice.

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SPEED MONITORING

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

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

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

Laser Tips

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

Other Speed Detection Systems

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

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

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CUSTOMER SERVICE

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:

479.273.6012

Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CT) or visit the FAQ's at www.whistlergroup.com.

The Whistler Group Corporate Headquarters

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Tel 479.273.6012 • Fax 479.273.2927

Whistler Customer Return Center

1201 N. Dixieland Rd. • Rogers, AR 72756 U.S.A.
Customer Service Tel 479.273.6012

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WARRANTY INFORMATION

Consumer Warranty

This Whistler Laser-Radar detector is warranted to the original purchaser for a period of one year from the date of original purchase against all defects in materials and workmanship. This limited warranty is void if the unit is abused, modified, installed improperly, if the housing 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.

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 dated store receipt will be handled as described in section "Service Out Of Warranty." Due to the specialized equipment necessary for testing a Laser-Radar receiver, there are no authorized service stations for Whistler brand detectors other than Whistler.

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

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

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

Please allow 4 to 6 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!**

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OWNER'S MANUAL

948 EURO

LASER-RADAR DETECTOR



www.whistlergroup.com

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WHISTLER
Technology for the Way You Live