OWNER'S MANUAL

PRO-68SE

LASER-RADAR **DETECTOR**



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> Customer Return Center 551 N 13th St. • Rogers, AR 72756 Customer Service Tel 800.531.0004 www.whistlergroup.com

P/N 260028, $\ensuremath{\text{@}}$ 2010 The Whistler Group, Inc.



Dear Whistler Detector Owner,

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

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 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.

INTRODUCTION

Note: Your warranty period begins at the time of purchase. The warranty is validated only by the dated store receipt. Please record the serial number of the unit in the space provided in the warranty section of the manual.

To fully acquaint yourself with the operation of your Whistler detector and to better understand the differences between detecting radar, laser and safety radar signals, we recommend reading this entire manual or visiting our FAQ page on our website -

www.whistlergroup.com

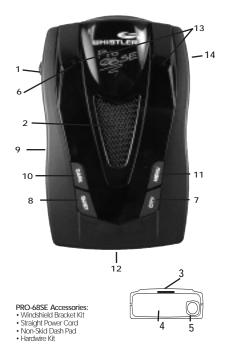
Enjoy your Whistler detector and please drive safely.

Sincerely,

The Whistler Group, Inc.

Model Features Summary 3	- 5
Installation	- 5
Mounting Guidelines	- O
Windshield Mounting	6
Power Connection and Fuse Replacement	6
Operation	12
Operation	13
	7
• Setting Saver	7
Feature Engaged Confirmation	7
• Audio Level Adjustment	7
• Self Test Mute	7
• Quiet Mode	
• Auto Quiet Mode	8
• Stay Alert Feature	8
• Low Profile Alert Periscopes	9
•City/City 1/ City 2 Mode	9
•Highway Mode	10
• Teach/Tutorial Mode	10
•Dim/Dark Mode	10
Vehicle Battery Saver Mode	11
Safety Warning System	12
•Filter Mode	12
Option Select Mode	13
POP™ Mode Alerts	
Laser/Radar Alerts	
Speed Radar Audio/Visual Alerts	14
Laser Audio/Visual Alerts	14
Pulse Protection®	14
Alert Priority	15
Reset Features	16
Troubleshooting Guide 16 -	17
Care and Maintenance	18
Care and Mainténance Are Detectors Legal?	18
FCC Information	19
Speed Monitoring 19 -	
• Radar Facts	19
• POP™ Mode	19
• Total Band Protection™	20
• Laser Facts	20
• Other Speed Detection Systems	21
Other Speed Detection Systems Warranty Information	25
Specifications	25 2F
Specifications	23
Accessories	20

WHISTLER FEATURES



FEATURE DESCRIPTIONS

- 1. Bracket Release Button Provides quick and easy release of the mounting bracket.
- Speaker Provides distinct audio warnings
- for X, K, Ka band radar, safety 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.
- 7. City Button Reduces the annoyance of false alerts typically encountered in urban driving areas.
- Quiet 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.

 9. Power/Volume - Turns unit on/off and
- adjusts audio level.
- 10. Dim/Dark Button Engages Dim/Dark
- mode display options.

 11. Menu Button Enters option select mode.

 12. Numeric Icon Display Provides distinct
- visual confirmation of signals detected, signal
- strength, and engaged modes of operation.

 13. Low Profile Alert Periscopes Provides an additional attention getting visual alert.

 14. Power Jack Provides connection for the
- power cord.

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 Electriclear™ type coating, which affects radar signals. Consult your dealer or the vehicles owner's manual to determine if your windshield
- has this coating. Avoid placing unit in direct contact with wind shield
- 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. (Image A)

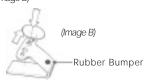


Important: Some newer cars have a plastic safety coating on the inside of the windshield. The windshield bracket may leave permanent marks on this type of surface. To find out if your vehicle has this type of windshield, check the vehicle's owners manual or ask your dealer.

INSTALLATION

We recommend that you do not leave the suction cup bracket on the windshield in direct sunlight. If the detector is removed, this may cause blistering of the dash in some vehicles.

Slide the detector onto the bracket until it locks into place. (Image B)



If necessary, the unit may be leveled by bending the windshield bracket. Press the bracket release button and remove the detector before bending. Power Cord Connection

- · Plug the small end of the power cord into the unit's power jack
- Plug the large end into the vehicles 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

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 display are functional.

• Press Power. Display indicates (in order):

1. K-Band
2. K-Band
3. Ka-Band
5. LASER

- 6. P (POP)

Setting Saver

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

Feature Engaged Confirmation Each time a button is pressed one beep confirms

feature "on", two beeps confirm feature "off"

- Audio Level Adjustment
 The audio levels can be adjusted high to low or low to high.

 Rotate Power/Volume button back to increase audio level.
- Rotate Power/Volume button forward to decrease audio level.
 As audio level is adjusted, beeps are provided and the display indicates volume level.

Self Test Mute Simply press the Quiet button during the self-test sequence to cancel the self-test audio. This will not affect radar/laser alerts. To restore the self-test audio, simply press the Quiet button during the next self-test

Quiet Mode

Quiet cancels audio during an alert and any new alert within 20 seconds. After 20 seconds of no alerts, the audio is restored for any new alerts.

Press Quiet to cancel the audio.

Press Quiet a second time during an alert to restore the standard audio alert pattern; or turn the usit of

- unit off, then on

OPERATION

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 laser alerts

- Press Quiet button (before a signal is detected) to
- Press Quiet button (belofe a signal is detected 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.

Stay Alert Feature

The Stay Alert Feature is designed to test a driver's alertness. To engage (when unit is not

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

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 Menu, City, or Quiet button within 3-5 seconds.

If the button is pressed within 3-5 seconds, the cycle is repeated. If a button is not pressed with in 3-5 seconds, the alarm sounds and the entire display will flash.

· Press Power 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.

OPERATION

Low Profile Alert Periscopes

Whistler's Low Profile Alert Periscopes provide an added attention getting visual alert. The two extra LED's flash on and off when the unit alarms to provide a unique visual alert. This alert can be programmed through the Option Select Mode to be: ON, OFF, or FLASHING during alerts.

City/City 1/City 2 Modes 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 cancel Highway Mode and engage City Mode.
 Press City button again to enter City 1 Mode
 Press City button again to enter City 2 Mode
 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. City 1 and City 2 Modes operate the same as Highway Mode, but in City 1 Mode, X band requires a stronger signal to alert. In City 2 Mode, X-band is not detected 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, Safety Radar) 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

Teach/Tutorial Mode
Provides simulated alerts for each type of signal.
• Press City and Quiet buttons simultaneously and release

· Press Power to exit.

Dim/Dark Modes Dim/Dark Mode reduces the illumination of the

- · Press and release the Dark button to reduce
- Press and release the Dark button a second time to engage Dark Mode. The display illumination is further reduced.

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 20 seconds after, then the display returns to the dimmer setting.

· Press and release the Dark button a third time to restore the display to full illumination.

OPERATION

Vehicle Battery Saver Mode
The Vehicle Battery Saver Mode automatically
shuts off your detector within 6 hours. 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 timer by pressing any button.

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.

OPERATION

Safety Warning System™
In communities where transmitters are located, the Safety Warning System™ displays over 60 text messages. When Safety Radar is detected a unique audio alert is sounded and displays a 🚍 to indicate an SWS™ message has been received.

Note: Not all areas have Safety Warning System™ transmitters.

Filter Mode

There are times when another radar detector can emit the same frequency as police radar and can cause your detector to falsely alarm. The Whistler Filter Mode options provide a method to reduce the occurrences of these situations.

Filter: Allows for normal filtering.
Filter 1: Provides an extra step to analyze the signal that may come from other detectors.

Filter 2: Provides further signal analysis before

Filter is the factory default and should provide adequate filtering for most conditions. Filter Mode does not override Highway or City settings. See Option Select Mode to change Filter settings.

OPERATION

Option Select Mode Press the Menu button to enter Option Select Mode. Each press of the Menu button changes to the next selectable feature.

The Dark (D) button and the Quiet (Q) button turns the feature ON/OFF or Blinking. The decimal point illumination indicates whether a feature is on or off. A button must be pressed within 20 seconds or Option Select Mode will automatically be exited

Feature:	Display:	To Change:	Option:
Laser	L.	D for ON,	L. = ON
(default = ON)		Q for OFF	L = OFF
Low Profile Alert Pericsopes (default = Blinking with alert)		D or Q to select	ON,OFF, BLINKING
X Band	X.	D for ON,	X. = ON
(default = ON)		Q for OFF	X = OFF
K Band	K.	D for ON,	K. = ON
(default = ON)		Q for OFF	K = OFF
Ka Band (default = ON)	Ka.	D for ON, Q for OFF	Ka. = ON Ka = OFF
POP Mode	P.	D for ON,	P. = ON
(default = ON)		Q for OFF	P = OFF
SWS	S	D for ON,	S. = ON
(default = OFF)		Q for OFF	S = OFF
Filter (default = ON)	F	D or Q to select	F = Filter F. =Filter 1 F (blinking.) = Filter 2

POP™MODE ALERTS

POP™ Mode Alerts

Because POP™ Mode radar utilizes the same
K or Ka band frequencies, POP™ Mode Alerts will be displayed as regular radar 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 audio alert is continuous for a minimum of 3 seconds.

• The unit displays an "L".

Pulse Protection®

Pulse (or instant-on) radar is more difficult to detect than conventional radar because it remains 'off' until activated to measure the speed of a targeted vehicle.

When a pulse type transmission is detected, your Whistler detector sounds an urgent 3-second audio warning and the unit displays a "P".

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.

LASER/RADAR ALERTS

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

- 1. Laser
- Speed Radar
 Safety Radar

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

RESET FEATURES

Reset Features

All user features can be reset to factory settings.

Unplug Power Cord from unit.

Press and hold Power and Quiet buttons.

Plug Power Cord into unit.

Wait for 2 beeps.

Release Power and Quiet buttons.

Unit is now reset to the following features and settings.

Default factory settings are: 1. Audio to level (4).

- Addio to lever (4).
 Displays "H"
 Auto Quiet Mode OFF.
 Safety Radar OFF.
 Dim/Dark Mode to full illumination.
- 6. All Radar Bands ON.7. LED Periscope to Blink.
- 8. POP ON. 9. Filter ON. 10. Laser ON.

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.

TROUBLESHOOTING

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: Audio alerts are not loud

- enough.Cancel Auto Quiet Mode or City Mode.
- Check audio level setting (see page 7).

If difficulties occur which cannot be solved by In difficulties occur which carnot 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.

CARE AND MAINTENANCE

Care And 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.

ARE DETECTORS LEGAL?

In Most States YES!

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

The Federal Highway Administration (FHWA) passed a nationwide regulation, effective January 1994, which prohibited radar and laser detector use in vehicles over 10,000 lbs.

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 many not cause harmful

(2) this device must accept any interference received, including interference that may cause undesired operation.

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

SPEED MONITORING

Radar Facts

A radar gun operates by transmitting radio waves at certain frequencies which reflect off objects and are picked up by the radar gun's receiving section. When a radar beam reflects off a moving target, a measurable frequency shift occurs. The radar unit converts this shift into miles per hour to determine your vehicle's speed. Currently, the FCC (Federal Communications Commission) permits operation of traffic radar guns at X Band (10.500 - 10.550 GHz), K Band

(24.050 - 24.250 GHz), and Ka Band (33.400 - 36.000 GHz).

Note: A radar detector will not alarm if an officer is not transmitting on any one of the above radar bands.

above radar bands.

POP™ Mode

POP™ Mode is a feature on some 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 appeat reproduct this brief. capability cannot respond to this brief transmission

17 18

SPEED MONITORING

Laser Facts

Its well documented that many radar guns cannot reliably provide the speed of a targeted vehicle that is traveling in a group of vehicle nontrast, a laser gun can target a specific vehicle out of a line of traffic and determine its speed. 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. For best protection, keep these points in mind: 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
- Ashibolar can improve laser detection at short range.
 Do not follow closely behind any vehicle. If you can't see past a vehicle ahead of you, chances are your detector won't either.
 The receiving range of laser signals will not be the same as radar signals. Laser cause are most of ton used at short range.
- 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
- Laser Atlanta™ Stealth Mode
 Stalker
- •Pro Light

SPEED MONITORING

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

WARRANTY INFORMATION

Consumer Warranty
This Whistler Laser-Radar detector is warranted to the original purchaser for a period of two 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. product.

WARRANTY INFORMATION

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

"Service Out Of Warranty."

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

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

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

Whistler Repair Dept. 551 N. 13th St. Rogers, AR. 72756

Please allow 3 weeks turnaround time.

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

- Include with your unit the following information, clearly printed:
 Your name and street address (for
 - shipping via UPS), a daytime telephone number and an email address, if applicable.

 • A detailed description of the problem (e.g.,
 "Unit performs self-test but does not respond
 - to radar").

 A copy of your dated store receipt or bill of

23

WARRANTY INFORMATION

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

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 \$65.00 (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 \$65.00. 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 \$65.00 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.

WARRANTY INFORMATION

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

Customer Service

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

1-800-531-0004

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

SPECIFIC ATIONS

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

Power Requirements:

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

One or more U.S. patents may apply: #5,666,120, #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

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 #	Description	Price
500501	Zippered Travel Case	\$ 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
402081	Non Skid Dash Pad	\$ 6.95
202152	Large Windshield Bracket	\$9.95
202156	Package of 4 Suction Cups	\$2.95

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

25 26