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 still accompany any unit sent in for warranty work. If the unit is returned without a dated store receipt, an out-of-warranty service charge applies. Note: Your warranty period begins at the time of purchase. The warranty is validated only by the dated store receipt! Please record the serial number of the unit in the space provided in the accessories section of the guide.

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

Enjoy your Whistler detector and please drive safely.

The Whistler Group, Inc.

# **OPERATION**

### **Self Test Mute**

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, press the Quiet button during the next Self-Test.

## Setting Saver

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

#### Auto Quiet Mode

Pressing QUIET before a radar signal is detected provides an alternate alert pattern, consisting of several beeps (indicating X, K, Ka or Safety Warning System™) followed by reduced tone. The reduced tone will continue for as long as the detected signal is present or any new signal is detected within 20 seconds, becoming more rapid as the strength of the signal increases.

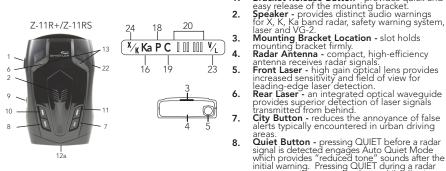
- Press Quiet (before a signal is detected) to engage Auto Quiet.
- Once the Auto Quiet mode is engaged, you may cancel the audio alarm by pressing Quiet. Press Quiet (when the unit is not alarming) to
- cancel Auto Quiet mode.

#### Quiet Mode

Quiet mode 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 unit off, then on.

## WHISTLER FEATURES





# **OPERATION**

City/City 1/City 2 Mode

WarrantyInformation...

Model Features Summary

Mounting Guidelines

Windshield Mounting

Power On Self Test & Volume

• Feature Engaged Confirmation

Integrated Real Voice® (Z-15R+/Z-15RS Only)

Power Connection

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Laser Audio/Visual Alerts

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Auto Quiet Mode

City/City 1/City 2 Modes

• FDSR/TFSR Rejection Modes

• Stay Alert (Z-15R+/Z-15RS Only)

• Other Speed Detection Systems

Engaging/Disengaging VG-2 DetectionVehicle Battery Saver Mode

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Installation.

Operation.

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.

**OPERATION** 

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

In City Mode, weak speed/safety warning system™ 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. Čity 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.

**CAUTION:** Some towns/small cities may still be using X band radar. City Mode does not change the audio alert for laser or VG-2.

Highway mode provides full audio warnings any time radar (X, K, Ka, Safety Warning System™) or laser signals are detected, and is recommended for open road driving.

# Field Disturbance Sensor Rejection (FDSR)

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

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

# NOTE: TFSR and FDSR are ON by default and not selectable on the Z11R+/Z-11RS

## Alert Periscopes

Whistler's 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.

## Ka-band Icon - indicates the unit is receiving a Ka-band signal 5

**OPERATION** 

FEATURE DESCRIPTIONS

or X, K, Ka band radar, safety warning system,

Rear Laser - an integrated optical waveguide

provides superior detection of laser signals

alerts typically encountered in urban driving

encounter silences audio alerts, while allowing

Numeric Icon Display - combines icon

display with a 7 segment digital display that shows signal strength indication and band

to indicate power, city mode, radar band identification, and signal strength.

attention getting visual alert. **X-band Icon** - indicates the unit is receiving a

K-band Icon - indicates the unit is receiving a

visual alerts to keep you informed.

Power / Volume Control - turns unit on/off and

adjusts audio level.

Dim / Dark Mode - engages Dim/Dark modes.

Menu Button - enters option select mode.

1. Bracket Release Button - provides quick and

antenna receives radar signals

eading-edge laser detection.

ransmitted from behind.

# Dim/Dark Mode

-band signal

Dim/Dark Mode reduces the illumination of the

- Press and release the Dark button to reduce illumination to a dim setting.
- Press and release the Dark button a second time to engage Dark Mode. The display illumination is The "H" or "C" will flash indicating Stay Alert 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.

# Engaging/Disengaging VG-2 See Option Select Mode to turn this feature on.

### 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 will alert you with an audible and visual warning before it shuts off. During this warning, you can momentarily reset the unit by pressing any button. This will reset the timer. If the unit has automatically turned itself off, press any button to turn the unit back on.

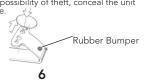
## FEATURE DESCRIPTIONS

- 17. V indicates that the unit is receiving a VG-2 signal. Indicates that VG-2 is engaged.
  18. P indicates unit is in Highway mode.
- 19. C indicates that the unit is operating in city
- 20. Signal Strength Icon indicates the strength
- of the signal being detected. 21. L - indicates that the unit is receiving a laser
- signal 22. Power Jack - provides connection for the power
- 23. VG-2/Laser Icon indicates that the unit is
  - receiving either VG2 or laser signal.
- 24. X/K -band Icon shows the unit is receiving a X or K band signal.

# **INSTALLATION**

# **Mounting Guidelines**

- Mount the unit as low as possible near the center of the windshield
- Do not mount the 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 user guide to determine if your windshield has this coating.
- · Avoid placing unit in direct contact with the wind
- To reduce the possibility of theft, conceal the unit when not in use.



# **OPERATION**

# Stay Alert Feature (Z-15R+/Z-15RS Only)

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 button during or immediately after the alert is given.

activated. 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.

If a button is not pressed within 3-5 seconds, an alarm sounds and the display flashes all the LEDs.

Press the Dark button to exit the Stay Alert

WARNING!!! Stay Alert is NOT intended as a substitute for adéquate 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 Stav is pressed before the time has expired. The detector Alert feature may result in vehicle damage, personal injury or death.

# INSTALLATION

#### Windshield Mounting

their holes

- Install the two suction cups and rubber bumper onto the bracket by fitting them into
- Press the suction cups onto the windshield at the location you have chosen.

IMPORTANT: Make sure the unit is level.



# Note: 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 user guide or ask your dealer. 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.

# **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 liahter

# **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 plua.

#### Laser Audio / Visual Alerts

When a laser signal is detected, model Z-11R+/Z-11RS display indicates alert by illuminating the "V/L" and scrolling the signal strength indicators from right to left. Model Z-15R+/Z-15RS display indicates an "L" on the display. The audio alert is continuous for a minimum of 3 seconds.

LASER/RADAR ALERTS

#### **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!

### 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, When the VG-2 signal is detected, the VG-2 your Whistler detector sounds an urgent 3-second audio warning. Model Z-11R+/Z-11RS will flash the alert strength indicators at their fastest rate; on model Z-15R+/Z-15RS a "P" will be displayed. 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.

# INSTALLATION

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, the screw cap on the plug may loosen. Retighten it occasionally.



# **OPERATION**

# Power On Self Test & Volume

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

#### Integrated Real Voice® (Z-15R+/Z-15RS Only) When selected, Real Voice® will be used to

. Band Identification 2. Safety Warning System messages

articulate the following:

3. Feature Selection

Voice OFF/ON is selected by holding quiet button for approximately 2 seconds. Voice ON will announce "caution". Voice OFF will give a double beep.

# Feature Engaged Confirmation

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

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# LASER/RADAR ALERTS

# Safety Warning System/Audio/Visual Alerts

When your Whistler detector detects a safety warning system, it provides a distinctive audio tone and; Model Z-11R+/Z-11RS illuminates the first and last alert LED: Model Z-15R+/Z-15RS display shows an "S." and a decimal point when a Safety warning system is detected.

> (X K Ka V L H )- Alert Z-15R+/Z-15RS Display Shown

NOTE: You will not be able to receive SWS™ alerts if transmitters are not located in your area.

# VG-2 ALERTS

# VG-2 Detection Mode

The VG-2, also known as a "radar detector detector," is a special receiver used by police to detect signals radiated by a radar detector. See speed monitoring section for more information

alert is sounded. After 3 seconds, the audio is cancelled and the VG-2 indicator flashes at a slower rate. Every 30 seconds, the detector checks for a VG-2 signal. This cycle is repeated if the VG-2 signal is detected again. If no signal is detected, two beeps are provided indicating an "all clear" condition.

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

13 10 11 12 14 15

### 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.

# OPTION SELECT MODE

#### 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 for example. A decimal point on model Z-15R+/Z-15RS will indicate a feature is ON; Model Z-11R+/Z-11RS will illuminate the "III" icon. When the feature is off these indicators will not be shown. A button must be pressed within 20 seconds or Option Select Mode will automatically he exited

Z-11R+/ Z-11RS				
Feature	Display Shows	To Change D=Dark / Q=Quiet	Option	
VG-2	V/L	D = ON Q = OFF	VG-2 = ON VG-2 = OFF (default)	
ALERT PERI- SCOPES	III	D or Q to Select	Alert Periscopes ON, OFF or Blinking (default)	
POP™	Р	D = ON Q = OFF	POP™ = ON POP™ = OFF (default)	
NOTE: TFSR, FDSR and SWS are ON by default (not selectable on				

the Z-11R+/Z-11RS)

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# 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, 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

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

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 a dated store receipt will be handled as described in section "Service Out-Of-Warranty."

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### **OPTION SELECT MODE**

Z-15R+/ Z-15RS			
Feature	Display Shows	To Change D=Dark / Q=Quiet	Option
VG-2	٧	D = ON Q = OFF	VG-2 = ON VG-2 = OFF (default)
ALERT PERI- SCOPES	•	D or Q to Select	Alert Periscopes ON, OFF or Blinking (default)
POP™	Р	D = ON Q = OFF	POP™ = ON POP™ = OFF (default)
SWS™	S	D = ON Q = OFF	SWS™ = ON SWS™ = OFF (default)
VOICE	VL E	D = E Q = S	VOICE = English (default) VOICE = Spanish
TFSR	t	D = ON Q = OFF	TFSR = ON TFSR = OFF (default)
FDSR	F	D = ON Q = OFF	FDSR = ON FDSR = OFF (default)

**NOTE:** To exit Option Select Mode press and hold the menu button. Reset Features

All user features can be reset to factory settings.

- Factory Reset Unplug Power Cord from unit
- Press and hold Quiet Plug the Power Cord into the unit
- (Power switch turned on) Wait for 2 beeps
- Release the Quiet button 17

detectors other than Whistler.

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

WARRANTY INFORMATION

When returning a unit for service, please follow these

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

### Whistler Repair Dept.

1412 South 1st St. Rogers, AR. 72756

#### Please allow 3 weeks turnaround time.

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

- 2. Include with your unit the following 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
- 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 space provided on the Accessory page of this guide.

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### TROUBLESHOOTING GUIDE

### Unit is now reset.

### Factory Settings are:

- Highway ModeDim/Dark Mode to full illumination of display · Auto Quiet Mode OFF
- VG-2 Detection Mode OFF
- Self Test Mute OFF
- Voice<sup>®</sup> English (Z-15R+/Z-15RS Only) Alert Periscope to Blink
- POP™ Mode OFF
- SWS™ OFF (Z-15R+/Z-15RS Only)
- TFSR OFF (Z-15R+/Z-15RS Only)
- FDSR OFF (Z-15+/Z-15RS Only)

# 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 guide, but is not operating optimally, please refer to the troubleshooting guide below.

PROBLEM: Unit does to turn on - check fuse in plug; replace if necessary with a 2 amp, 3AG type. Make sure lighter socket is clean No or low audio - cancel Auto Quiet Mode or City

Mode. Check the audio level setting.

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 the cord is defective. Return the defective cord to the factory.

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# WARRANTY INFORMATION

Units without serial numbers are not covered under

**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

- 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 Z-11R+/Z-11RS detector is \$35.00 (U.S.) and \$40 (U.S.) for the Z-15R+/Z-15RS detector. If you require out-of- warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a certified check or money order in the amount stated above. Payment may also be made by MasterCard, VISA or American Express; personal checks are not accepted.

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# TROUBLESHOOTING GUIDE

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 before returning your unit for service.

### 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 Radar Facts 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: HSXWH23

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.

In the event repairs cannot be covered by the minimum service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you.

If you elect not to have your unit repaired, it will be returned to you along with your certified check or

be certain to include a daytime telephone number and an email address (if applicable).

your Whistler detector, or require service during Service at:

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

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ARE DETECTORS LEGAL?

**IMPORTANT:** FCC requirements state that changes

or modifications not expressly approved by Whistler

**SPEED MONITORING** 

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

converts this shift into miles per hour to determine

Communications Commission) permits operation of

NOTE: A radar detector will only alarm if an officer is

transmitting on any one of the above radar bands.

It's well documented that many radar guns cannot

is traveling in a group of vehicles. In contrast, a

result of the laser gun's narrow beam.

reliably provide the speed of a targeted vehicle that

laser gun can target a specific vehicle out of a line of

laser over radar in terms of target identification is the

traffic and determine its speed. The advantage of

measurable frequency shift occurs. The radar unit

your vehicle's speed. Currently, the FCC (Federal

K Band (24.050 - 24.250 GHz), and Ka Band

(2) this device must accept any interference

cause undesired operation.

received, including interference that may

could void the user's authority to operate the

#### Laser Wavelength:

traffic radar guns at

(33.400 - 36.000 GHz).

Laser Facts

X Band (10.500 - 10.550 GHz),

10.500 - 10.550 GHz (X Band)

33.400 - 36.000 GHz (Ka Superwideband)

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

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

Patents can be viewed here:

# www.whistlergroup.com/pat

SWS<sup>TM</sup> is a trademark of Safety Warning System L.C. Specifications are subject to change without notice.

( F TROHS

### **SPEED MONITORING**

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, listed on the following section, 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. 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 guns are most often used at short range.
- Whistler Laser-Radar detectors receive all current laser guns which operate at a laser wavelength of  $905 \pm 50$  nm including but not limited to the following:
- Ultra LyteLTI 20 20

Order #

202151

206552

206880

159032

402080

- LTI TruSpeed® S Pro Laser<sup>™</sup> I II III
- Laser Allv
- Laser Atlanta® Stealth Mode

#### 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:

**ACCESSORIES** 

from Whistler by calling 1-800-531-0004 or visiting our

Description

Windshield Bracket

Kit

Power Cord (5')

Hardwire Kit (10')

(for wiring to fuse

box)

Modular\* Cord

Package

(includes coiled an

straight cords, and

power adapter)

Package of 8 suction

Cups

Non Skid Dash Pad

\*Modular: Interconnecting pieces cord and plug.

Shipping and handling (per order) \$5.00. Prices are

These and other accessories can be ordered directly

online store at www.whistlergroup.com.

Pacing - A patrol car drives behind you and matches your driving speed

# SPEED MONITORING

A radar transmission can cover more than a four-lane • 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 a 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, the VG-2 is known as a "radar detector detector". The VG-2 is a tool used by the police to identify radar detector equipped vehicles. If caught, in a state where detectors are illegal drivers risk losing their radar detector and receiving a fine. In addition, instant-on radar is almost always used in combination with a VG-2, leaving unsuspecting motorists vulnerable to receiving two tickets—one potentially for speeding, the other for possession of a detector Having a radar detector capable of detecting the VG-2 may alert you to the presence of a speed

For more information on speed monitoring technologies, please visit our FAQ page on our website: www.whistlergroup.com

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

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.

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**USER GUIDE** 

Z-11R+/Z-11RS Z-15R+/Z-15RS **HIGH PERFORMANCE** LASER-RADAR **DETECTOR** 

#### The Whistler Group Corporate Headquarters 1716 Commerce Dr. Ste. 8

Bentonville, AR 72712 Tel 479.273.6012 • Fax 479.273.2927

# Whistler Customer Return Center

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

# www.whistlergroup.com

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# WARRANTY INFORMATION

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IMPORTANT: When returning your unit for service,

#### **Customer Service**

If you have guestions concerning the operation of or after the warranty period, please call Customer

#### 1-800-531-0004

www.whistlergroup.com

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# **SPECIFICATIONS**

# $905 \pm 50$ nanometers (nm)

**Radar Frequencies:** 

24.050 - 24.250 GHz (K Band)

# **Operating Temperature Range:**

# **Power Requirements:**

POP<sup>™</sup> Mode is a trademark of MPH Industries, Inc.

write serial number in the space provided

subject to change without notice.

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Price

\$9.95

\$14.95

\$9.95

\$17.95

\$2.95

\$6.95

27

21