#### **OPERATION**

#### Stay Alert Feature

The Stay Alert Feature is designed to test a driver's alertness. To engage (when the unit is not alarming)
Press and hold the City button for approximately 2 seconds. Release the button during or immediately after the alert is

#### DISPLAY SHOWS: (RU ALERT)

Within 30-60 seconds, two beeps are sounded; to show alertness, the driver must press either the City Menu, or Quiet buttons within 3-5 seconds. If a button is pressed within 3-5 seconds, the cycle is repeated. If a button is not pressed within 3-5 seconds, an alarm sounds. DISPLAY SHOWS: (GET REST)

Press the Dark button to exit the Stav Alert

#### 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.

### Alert Priority

When two or more signals are received at the same time, the alert priority is: 1. Laser 2. Speed Radar 3. Safety Warning System™

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

#### Safety Warning System™

In communities where transmitters are located the Safety Warning System™ provides over 60 text messages. When SWS™ is detected the audio alert is geiger counter-like.

#### Safety Warning System Text Message Example: Poor - Road - Surface

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

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#### 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.

#### 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 only alarm if an officer is transmitting on any one of the above radar bands

#### Other Speed Detection Systems

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

- Pacing A patrol car drives behind you and matches your driving speed.
- Vascar/Aircraft The police measure the time it takes your vehicle to travel a known distance. 22

#### Intellicord® Ready

The optional INTELLICORD® power cable allows the user to remotely control two of the following detector features (Power On/Off, City Modes, Dim/Dark, Mark Waypoint and Quiet/ Auto Quiet) with a press of a button located on the power cable's plug. See option mode for selecting the functions to work with the INTELLICORD®.

#### VG-2 Mode

See Option Select Mode to turn this feature on/off. When a VG-2 signal is detected, the VG-2 alert is sounded and the display flashes "VG-2". After 3 seconds the audio is canceled and the display no longer flashes. This cycle is repeated if the VG-2 signal is detected again 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.

#### Reset Features

All user features can be reset to factory settings Unplug the Power Cord from the unit. Press and hold the Power and Quiet buttons. Plug the Power Cord into the unit. • Wait for 2 beeps. Release the Power and Quiet buttons

#### Unit is now reset to the following features and settings.

#### Default factory settings are:

- 1. S1: (For Intellicord®) Quiet feature
- S2: (For Intellicord®) Power ON or OFF
- ADIM: ON (Auto Dim ON)
- HIGHWAY Mode
- Dim/Dark Mode to full illumination of display.
- Auto Quiet Mode OFF
- SWS<sup>™</sup> OFF
- 8. Vehicle Battery Saver OFF

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## SPEED MONITORING

#### 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, drivers risk losing their radar detector and receiving a fine. In addition, instant-on radar is almost always used in combination with an RDD, leaving unsuspecting motorists vulnerable to receive two tickets; one potential for speeding, and the other for possession of a detector. Note: The newest tool Police have to detect radar detectors is called Spectre. Spectre can detect the majority of undetectable (VG-2) laser/radar detectors on the market

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

# WARRANTY INFORMATION

## **Consumer Warranty**

This Whistler Laser-Radar detector is warranted to the original purchaser for a period of 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, 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 or damages arising from the use, misuse, or operation of this product.

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Units without serial numbers are not covered under warranty NOTE: Units that cannot be repaired will be replaced with the

## **OPERATION**

- Full Power Up sequence
- 10. Default TONE 3 11. All Bands ON
- 12. LASER LSID
- 13. All Laser Windows ON
- 14. VG-2 OFF
- 15. POP OFF
- 16. Voice® EN
- LED Periscopes to BLNK 17. 18. X/K Filter 1
- 19. Ka Filter
- 20. TESR OFF
- 21. FDSR OFF

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

Ka RSID (Ka Radar Signal IDentifier) Identify the difference between the likelihood of a Ka threat vs. the likelihood of a Ka false from another source (possible radar detector). Ka RSID feature will educate you to the common Ka speed radar guns by displaying the nominal police radar frequencies of 33.8GHz / 34.0GHz / 34.3GHz / 34.7GHz / 35.5GHz. Ka alerts that do not fall into the common Ka speed radar windows will be reported only as Ka. Note: This product is not a frequency counter. The unit will categorize the received Ka signal and select the appropriate information. Treat every Ka alert with caution

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WARRANTY INFORMATION

same or similar model. Replacement unit's warranty will be

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

Due to the specialized equipment necessary for testing a

for Whistler brand detectors other than Whistler.

When returning a unit for service, please follow these

Ship the unit in the original carton or in a suitable

sturdy equivalent, fully insured, with return receipt

2. Include with your unit the following information,

Laser-Radar receiver, there are no authorized service stations

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

Your name and street address (for shipping via UPS),

A detailed description of the problem (e.g., "Unit

A copy of your dated store receipt or bill of sale.

performs self-test but does not respond to radar")

a daytime telephone number and an email address, in

Be certain your unit is returned with its serial number.

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For reference, please write your unit's serial number in

the space provided in the accessories section this guide.

based on the original unit's purchase date.

Service Under Warranty

"Service Out-Of-Warranty."

instructions:

requésted to:

accepted!

clearly printed:

applicable

# **OPERATION**

#### LSID (Laser Signal IDentifier)

Identify the Laser gun's pulse rate or PPS (Pulses Per Second) that is transmitted by the speed laser gun. LSID may also be used to identify other forms of laser sources such as LACC (Laser Assisted Cruise Control) systems found in some high end vehicles. If the Laser PPS information displayed is due to another source such as local airports or LACC, LSID allows you to Lock Out this rate from giving you the continuous audio alert during this and any new encounter of the same rate. To Lock Out a PPS, press the Quiet button during the Laser alert. This will place an \* on the screen beside the PPS rate and Lock Out this signature ID. Any new encounter with the same Laser Signature ID will provide the display information and two quick beeps.

Caution: Do not lock out a PPS rate if it is close to known speed laser guns.

## POP<sup>™</sup> MODE ALERTS

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 guickly acquired. A detector without POP™ Mode detection capability cannot respond to this brief transmitted. Because POP™ Mode radar utilizes the same K or Ka band frequencies, POP™ Mode Alerts will be displayed as regular radar alerts.

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## WARRANTY INFORMATION

IMPORTANT: To validate that your unit is within the warranty Laser Wavelength: 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 Radar Frequencies:

Service Out-of-Warranty

any unit sent in for warranty work.

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 \$75.00 (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. 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 service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you.

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

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

#### 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 at www.whistlergroup.com

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# 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 Displays Shows: (\_\_\_\_\_\_\_\_\_)

#### 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 display shows: 'PI || GE'

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.

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SPECIFICATIONS

905 ± 50 nanometers (nm)

**Power Requirements:** 

Industries, Inc.

( NROHS

System L.C.

notice

Patents can be viewed here:

www.whistlergroup.com/pat

10.500 - 10.550 GHz (X Band)

24.050 - 24.250 GHz (K Band )

**Operating Temperature Range:** 

-10° C to +70° C (+14° F to +158° F)

Vehicle Battery Saver, 30mA nominal.

POP<sup>™</sup> Mode is a trademark of MPH

SWS<sup>™</sup> is a trademark of Safety Warning

Specifications are subject to change without

26

33.400 - 36.000 GHz (Ka Superwideband)

Operational 12 to 15 volts DC, 250mA nominal

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

## PROBLEM: Unit does not turn on.

 Check fuse in plug; replace if necessary with a 2 amp, 3AG type. Check fuse for lighter socket; replace if

Make sure lighter socket is clean.

necessary.

clean

for service.

Order #

202152

206552

206880

206666

202156

402080

# PROBLEM: Unit alarms when vehicle hits bumps.

• Check for loose lighter socket; tighten and

 Check connections at both ends of the power cord. Substitute another cord to determine if the cord is defective. Return defective cord to the factory.

## PROBLEM: Low or no audio.

 Cancel Auto Quiet Mode or City Mode. · Check audio level setting.

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

# 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

## 20

# CARE AND MAINTENANCE

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 (except Virginia and Washington, D.C., which have local regulations restricting the use of radar receivers in any vehicle) when used in automobiles or light trucks (under 10,000 lbs.)

The Federal Highway Administration (FHWA) issued a regulation, effective January, 1994 which prohibits radar and laser detector use in vehicles over 10,000 lbs. Prior to the FHWA regulation, laws existed in New York restricting the use of radar detectors in trucks over 18,000 lbs. and in Illinois in trucks over 26,000 lbs.

# FCC INFORMATION

#### FCC ID: HSXWH26

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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# USER GUIDE

# ACCESSORIES

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

Description	Price
Windshield Bracket Kit	\$9.95
Power Cord (5')	\$14.95
Hardwire Kit (10') (for wiring to fuse box)	\$9.95
Modular* Cord Package (includes coiled an straight cords, and power adapter)	\$17.95
Package of 4 suction Cups	\$2.95
Non Skid Dash Pad	\$6.95

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



## 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

P/N 260049 06A16 © 2016 The Whistler Group, Inc.



Dear Whistler Customer,

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

Sincerely The Whistler Group, Inc.

# OPERATION

## Power On Self Test & Volume

To turn the unit ON or OFF, gently press the center of the Power/Volume button into the side of the unit. Each time your Whistler detector is turned on, an automatic self-test sequence confirms that the speaker and visual displays are functional.

## Audio Level Adjustment

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

#### Auto Quiet Mode

Auto Quiet mode reduces the selected audio level to level (1) approximately 5 seconds after a radar or safety warning system<sup>™</sup> signal is detected. The alert for any new signal within 20 seconds will resume at level (1). Auto Quiet mode does not affect laser alerts.

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

## Quiet Mode

Quiet mode cancels audio during an alert and any new alert within 20 seconds. After 20 seconds of no radar signal detected, the audio alerts are restored.

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## OPERATION

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

## 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 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 returns 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. City 1 and 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:** Some towns/small cities may still be using X band radar. City Modes do not change the audio alert for laser.

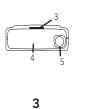
## Highway Mode

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.

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# **FEATURES**





# **OPERATION**

## Alert Periscopes

Whistler's Alert Periscopes provide an added attention getting visual alert. The two extra LEDs 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: 1. flash for all alarms, 2. remain on, or 3. turn LEDs off completely

## Dim/Dark Mode

Dim/Dark Mode reduces the illumination of the display.

- Press the Dark button to reduce illumination to a Dim setting
- Press the Dark button a second time engages Dark Mode. The display illumination is further reduced.

Dim or Dark Mode 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.

• Press the Dark button a third time to restore full illumination to the display.

#### Selectable Vehicle Battery Saver Mode

The Vehicle Battery Saver Mode when selected automatically shuts off the detector within 3 hours. The timer is reset if the detector is turned off. unplugged or any button is pressed before the timer has expired. The detector will alert you with an audible and visual warning before it shuts off. During this warning, you can momentarily reset the timer by pressing any button. If the unit has automatically turned off, press the Power button to turn the unit back on. Refer to "Option Select Mode" for instructions for changing the battery saver mode options

# FEATURE DESCRIPTIONS

Speaker - provides distinct audio warnings

Mounting Bracket Location - slot holds

4. Radar Antenna - compact, high-efficiency

antenna receives radar signals.

leading-edge laser detection.

transmitted from behind.

to keep you informed.

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

Front Laser - high gain optical lens provides increased sensitivity and field of view for

6. Rear Laser - an integrated optical waveguide

provides superior detection of laser signals

**City Button -** reduces the annoyance of false alerts typically encountered in urban driving

Quiet Button - pressing QUIET before a signal

automatically reduces the audio level after the

Pressing QUIET during a radar/laser encounter

silences audio alerts, while allowing visual alerts

button in to turn the unit on/off. Move back or

is detected engages Auto Quiet Mode which

initial warning to a low audio level setting.

9. Power / Volume Control - gently press this

forward to adjust the audio level.

10. Dim / Dark - engages Dim/Dark modes.

12. Text Display - provides distinct visual

11. Menu Button - enters Option Select Mode.

confirmation of signals detected, signal

2.

3

5.

7.

8.

areas

and laser

mounting bracket firmly

- 1. Bracket Release Button provides guick and Mounting Guidelines easy release of the mounting bracket.
  - 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).

INSTALLATION

- Some windshields have an Instaclear™ or Electriclear™ type coating, which affect radar signals. Consult your dealer or the user guide supplied with your vehicle to determine if your windshield has this coating.
- Avoid placing the unit in direct contact with the windshield.
- · To reduce the possibility of theft, conceal the 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
- location you have chosen.
- strength, and indicates engaged modes of operation. 13. Alert Periscopes - provide an additional attention getting visual alert. 14. Power Jack - provides connection for the
- power cord.

# OPERATION

Integrated Real Voice® When selected, Real Voice® will be used to articulate the following:

1. Band Identification 2. Safety Warning System messages 3. Feature Selection

NOTE: In certain cases, the voice message does not replicate the text message.

Teach/Tutorial Mode Provides simulated alerts for each type of signal.

- Press City and Quiet buttons simultaneously
- Display Shows: (TEACH)
- Press Dark button to exit.

## 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.

## Feature Engaged Confirmation

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

## Auto Dim

The Auto Dim feature automatically switches the illumination of the text display between the bright and dim settings according to varying light conditions so that the text display will always be easy to read. To manually override the auto dim feature, use the dark button on the unit. Enter Option Select Mode to turn off the auto dim feature.

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into place.

Windshield Mounting

**IMPORTANT:** Make sure the unit is level

- the windshield at the

Rubber Bumper 5

# **OPERATION**

## X/K and Ka Filter Modes

There are times when a radar detector in another vehicle, can emit a frequency which can cause your detector to falsely alert. These Filter Modes allow you to select the level needed for your area to minimize the occurrences of these false alerts. X/K and Ka Filter Mode factory default settings should provide adequate filtering for most conditions. If you experience excessive alerts due to radar detectors in other vehicles, increase the Filter level for the band received. See Option Selection Mode

to change the filter settings. Ka Max Mode

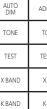
Ka Max Mode provides enhanced Ka sensitivity increased protection. This mode can be selected with or without RSID. See Option Select Mode for changing Ka options.

#### Field Disturbance Sensor Rejection (FDSR) Traffic Flow Sensor Rejection (TFSR)

Recently many new products that operate on police radar fréquencies 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 ÓN is designed to identify all radar based collision avoidance systems that operate 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.





LASER

LSID YES

# INSTALLATION

**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 user guide 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.

• Slide the detector onto the bracket until it locks

• 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 vehicle's cigarette lighter socket

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.

# **OPERATION**

#### **Option Select Mode**

Press the Menu button to enter Option Select Mode. Each press of the Menu button changes t the next selectable feature. The Dark (D) button and the Quiet (Q) button turns the feature ON/C or Blinking for example. A button must be presse within 20 seconds or Option Select Mode

within 20 seconds or Option Select Mode will					AKEA 3		
automatically be exited. NOTE: Press and hold Menu button to exit Option					VG-2 Mode	VG-2 OFF	C
Select N		Display Dobrid		SWS™	SWS OFF	C	
reature	- cuture	Shows	Q=Quiet	option	VOICE	VOICE EN	
QUIET		S1: Quiet	D or Q to select	Remote Control of Dim, City, Quiet or Power Functions	VOICE	VOICE EN	ti
	POWER	S2: Power	D or Q to Select	Remote Control of Dim, City, Quiet or Power Functions	POP™	POP OFF	0
	AUTO DIM	ADIM: ON	D = ON Q = OFF	Auto Dim ON (default) Auto Dim OFF	BATTERY SAVER	B SVR OFF	[
	TONE	TONE 3	D or Q to select	Tone 1, 2, 3 (3 Different Tone Patterns)	XK FILTER	XK FLTR1	tı
TEST	TEST ON	D = ON Q = OFF	X, K, Ka Audio Tones One Beep During Power Up	Ka FILTER	Ka FLTR 1	t	
	X BAND	X - ON	D = ON Q = OFF	X Band = ON (Default) X Band OFF	AI FRT		
K BAND	K BAND	BAND K- ON D = ON Q = OFF		K Band = ON (Default) K Band OFF	PERISCOPES	LEDBLNK	te
	Ka BAND	KA NORM	D or Q to Select	Ka Band (RSID, NORM, OFF, MAX, MAXID)	TFSR	TFSR OFF	[

LASER

(NORM, OFF, LSID)

# 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, screw cap on plug may loosen. Retighten occasionally.

#### Installing the Hardwire Kit

The "U" type connector must be secured to a metal surface that is electrically connected to the battery ground (negative) terminal. The spade type connector can connect to either live 12 volts or switched 12 volts at your fuse panel accessory port. If no port is available, cut off the spade terminal, expose 1/4 to 1/2 inch of wire, and splice into a source of 12 volt power.

#### Fuse Replacement - Hardwire Kit

The inline fuse holder on the power cable is equipped with a replaceable 2 amp, 3AG fuse located inside the fuse holder. To replace the fuse, carefully twist the holder to open it to gain access to the fuse.



# **OPERATION**

OFLIGATION					
	LASER AREA 1	.0295Y	D = ON Q = OFF	Laser Area 1 = ON (Default) Laser Area 1 = OFF	
to DFF	LASER AREA 2	2.6 - 3.2Y	D = ON Q = OFF	Laser Area 2 = ON (Default) Laser Area 2 = OFF	
ied	LASER AREA 3	3.8 - 4.2Y	D = ON Q = OFF	Laser Area 3 = ON (Default) Laser Area 3 = OFF	
ion	VG-2 Mode	VG-2 OFF	D = ON Q = OFF	VG-2 = ON VG-2 = OFF (Default)	
	SWS™	SWS OFF	D = ON Q = OFF	$\begin{array}{l} SWS^{TM}=ON\\ SWS^{TM}=OFF \ (Default) \end{array}$	
, Quiet	VOICE	VOICE EN	D or Q to Select	VOICE EN (English, default) VOICE SP (Spanish) Voice N= OFF	
, Quiet	РОР™	POP OFF	D = ON Q = OFF	POP™ = ON POP™ = OFF (Default)	
	BATTERY SAVER	B SVR OFF	D = ON Q = OFF	Battery Saver = ON Battery Saver = OFF (Default)	
ıs)	XK FILTER	XK FLTR1	D or Q to Select	Filter 1 (default) Filter 2, Filter 3, Filter 0	
Up	Ka FILTER	Ka FLTR 1	D or Q to select	Filter 1 (default) Filter 2, Filter 3, Filter 0	
	ALERT PERISCOPES	LEDBLNK	D or Q to select	Alert Periscopes (ON, OFF or Blinking)	
MAX,	TFSR	TFSR OFF	D = ON Q = OFF	TFSR = ON TFSR = OFF (default)	
	FDSR	FDSR OFF	D = ON Q = OFF Both D & Q	FDSR = ON FDSR = OFF (default) FDSr = FDSR, no Audio	

D or Q to Select