

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 safely.

Sincerely,
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.

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OPERATION

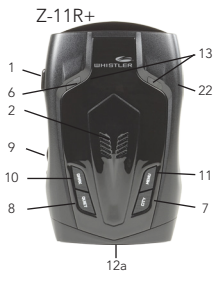
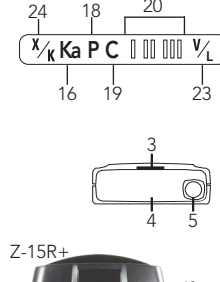
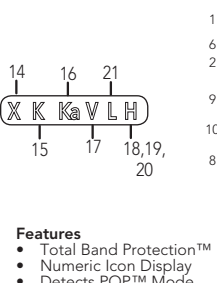
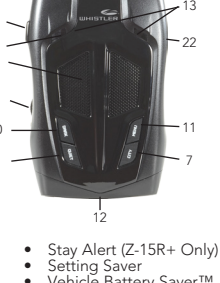
City/City 1/City 2 Mode
Whistler's Three Stage City Mode is designed to reduce the annoyance of automatic door openers, intrusion alarms and other devices which share frequencies with police radar. Generally, X band is used for these devices.

- 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 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. 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.

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
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.

WHISTLER FEATURES	
	
	
Features • Total Band Protection™ • Numeric Icon Display • Detects POP™ Mode • 360° Maxx Coverage • Real Voice® (Z-15R+ only) • VG-2 Cloaking • 3 City Modes/Highway Mode • Quiet/Auto Quiet Mode • Dim/Dark Mode • High Gain Lens	• Stay Alert (Z-15R+ Only) • Setting Saver • Vehicle Battery Saver™ • Safety Warning System™ • Alert Priority • Alert Periscopes • Total Laser Detection • Traffic Flow Signal Rejection • Field Disturbance Sensor Rejection
4	5

OPERATION

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. TF SR 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 annoyance of audio.

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

NOTE: TF SR and FDSR are ON by default and not selectable on the Z11R+

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.

FEATURE DESCRIPTIONS

- Bracket Release Button** - provides quick and easy release of the mounting bracket.
- Speaker** - provides distinct audio warnings for X, K, Ka band radar, safety warning system, laser and VG-2.
- Mounting Bracket Location** - slot holds mounting bracket firmly.
- Radar Antenna** - compact, high-efficiency antenna receives radar signals.
- Front Laser** - high gain optical lens provides increased sensitivity and field of view for leading-edge laser detection.
- Rear Laser** - an integrated optical waveguide provides superior detection of laser signals transmitted from behind.
- City Button** - reduces the annoyance of false alerts typically encountered in urban driving areas.
- Quiet Button** - pressing QUIET before a radar signal is detected engages Auto Quiet Mode which provides "reduced tone" sounds after the initial warning. Pressing QUIET during a radar encounter silences audio alerts, while allowing 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.
- Numeric Icon Display** - combines icon display with a 7 segment digital display that shows signal strength indication and band identification.
- Icon Display** - offers easy-to-read display to indicate power, city mode, radar band identification, and signal strength.
- Alert Periscopes** - provide an additional attention getting visual alert.
- X-band Icon** - indicates the unit is receiving a X-band signal.
- K-band Icon** - indicates the unit is receiving a K-band signal.
- Ka-band Icon** - indicates the unit is receiving a Ka-band signal.

OPERATION

Dim/Dark Mode
Dim/Dark Mode reduces the illumination of the display.

- 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 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 is pressed before the time 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 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

- V** - indicates that the unit is receiving a VG-2 signal. Indicates that VG-2 is engaged.
- P** - indicates unit is in Highway mode.
- C** - indicates that the unit is operating in city mode.
- Signal Strength Icon** - indicates the strength of the signal being detected.
- L** - indicates that the unit is receiving a laser signal.
- Power Jack** - provides connection for the power cord.
- VG-2/Laser Icon** - indicates that the unit is receiving either VG2 or laser signal.
- 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 shield.
 - To reduce the possibility of theft, conceal the unit when not in use.



OPERATION

Stay Alert Feature (Z-15R+ 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.

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 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 feature.

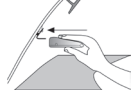
WARNING!!! Stay Alert is NOT intended as a substitute for adequate rest. You should NOT operate a vehicle if you are drowsy. During extended periods of vehicle operation, you should take frequent breaks. Improper reliance on the Stay Alert feature may result in vehicle damage, personal injury or death.

NEVER OPERATE A
VEHICLE IF YOU
ARE DROWSY!

INSTALLATION

- 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: 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 lighter.

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.

LASER/RADAR ALERTS

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

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, your Whistler detector sounds an urgent 3-second audio warning. Model Z-11R+ will flash the alert strength indicators at their fastest rate; on model Z-15R+ 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+ Only)
When selected, Real Voice® will be used to articulate the following:

- Band Identification
- Safety Warning System messages
- 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 "off".

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+ illuminates the first and last alert LED; Model Z-15R+ display shows an "S." and a decimal point when a Safety warning system is detected.

 Alert
Z-15R+ 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 on VG-2.

When the VG-2 signal is detected, the VG-2 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.

