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› [Whistler](#) /

› [Whistler Z-11R+ Laser Radar Detector User Manual](#)

Whistler Z-11R+

Whistler Z-11R+ Laser Radar Detector User Manual

Model: Z-11R+

INTRODUCTION

The Whistler Z-11R+ is an advanced laser radar detector designed to provide drivers with timely alerts to radar and laser signals. It incorporates an Advanced False Alert Detection System, featuring FDSR (Field Disturbance Sensor Rejection) and TFSR (Traffic Flow Sensor Rejection), to minimize false alarms from modern vehicle systems. This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your Z-11R+ detector.

HIGH PERFORMANCE



HIGH PERFORMANCE RADAR LASER DETECTOR

Detector de radar y láser

Z-11R+

HIGH
PERFORMANCE
•
ICON DISPLAY
•
TOTAL LASER
DETECTION
•
FDSR



Icon Display



ALTO
RENDIMIENTO
•
PANTALLA DE
ICONOS
•
DETECCION DE
LASER TOTAL
•
FDSR



Pantalla de
Iconos

NEW
TECHNOLOGY

TECNOLOGIA
NUEVA

NOW WITH ADVANCED
FALSE ALERT
DETECTION SYSTEM*

Filters out common
causes of false alerts

AHORA CON SISTEMA
AVANZADO DE DETECCION
DE ALERTAS FALSAS*

Filtra las causas comunes
de las alertas falsas



WHISTLER

Figure 1: Whistler Z-11R+ Laser Radar Detector in its retail packaging, highlighting its high performance and advanced false alert detection system.

Upon opening the package, please verify that all the following items are included:

- Whistler Z-11R+ Laser Radar Detector Unit
- Power Cord (12V DC)
- Windshield Mounting Bracket (with suction cups)
- Dashboard Pad (optional mounting)
- User Manual (this document)

SETUP AND INSTALLATION

Mounting the Detector

For optimal performance, the detector should have a clear, unobstructed view of the road ahead and behind. Avoid mounting it behind windshield wipers, tinted areas, or other obstructions.

1. Windshield Mounting:

- Clean the windshield area where the suction cups will be placed.
- Attach the suction cups to the mounting bracket.
- Press the suction cups firmly onto the windshield, ensuring a secure grip.
- Slide the detector onto the mounting bracket until it clicks into place.

2. Dashboard Mounting (Optional):

- Place the non-slip dashboard pad on a flat, level surface of your dashboard.
- Position the detector on the pad, ensuring it is stable and has a clear view.

Power Connection

Connect the small end of the provided 12V DC power cord into the power jack on the side of the detector. Plug the larger end into your vehicle's 12V accessory outlet (cigarette lighter socket).



Figure 2: Top view of the Whistler Z-11R+ detector, illustrating the button layout for 'DARK', 'QUIET', 'MENU', and 'CITY' functions.

OPERATING INSTRUCTIONS

Powering On/Off

The detector will automatically power on when the vehicle's accessory outlet receives power. To manually power off, disconnect the power cord. Some models may have a power button, refer to the device itself.

Volume Control

The volume is typically controlled by a rotary dial or dedicated buttons on the side or top of the unit. Adjust to a comfortable listening level.

Operating Modes

- **Highway Mode:** Provides full sensitivity for open road driving, detecting all radar and laser bands. This is the default mode.
- **City Mode (CITY button):** Reduces sensitivity to X-band radar to minimize false alerts from automatic door openers and other urban sources. Press the "CITY" button to cycle through City 1, City 2, and City 3 modes, each offering increasing levels of X-band filtering.

Advanced Filtering

- **FDSR (Field Disturbance Sensor Rejection):** Reduces false alerts caused by collision avoidance systems and blind spot monitors in newer vehicles.
- **TFSR (Traffic Flow Sensor Rejection):** Minimizes false alerts from traffic flow sensors often found on highways.

Display Interpretation (Icon Display)

The Z-11R+ features an Icon Display that visually indicates detected radar and laser bands, signal strength, and current operating modes.



Figure 3: Close-up view of the Whistler Z-11R+ icon display, showing indicators for X, K, Ka bands, and signal strength bars.

- **X, K, Ka Icons:** Illuminate when the respective radar band is detected.
- **Laser Icon:** Illuminates when a laser signal is detected.
- **Signal Strength Bars:** Indicate the proximity and strength of the detected signal. More bars mean a stronger signal.
- **City/Highway Icons:** Show the current operating mode.

Quiet Mode (QUIET button)

Press the "QUIET" button to silence the audio alert for a detected signal. The visual alert will remain active. Press again to restore audio alerts.

Dark Mode (DARK button)

Press the "DARK" button to dim or turn off the display for discreet operation, especially at night. Audio alerts will continue to function. Press again to cycle through display brightness levels.

KEY FEATURES

The Whistler Z-11R+ is equipped with several features designed to enhance detection and reduce false alerts:

- **Advanced False Alert Detection System:** Includes FDSR and TFSR to filter out non-police radar sources.
- **FDSR (Field Disturbance Sensor Rejection):** Specifically targets and reduces false alerts from vehicle blind spot monitoring and collision avoidance systems.
- **TFSR (Traffic Flow Sensor Rejection):** Filters out alerts from traffic flow sensors used on highways.
- **360° MAXX Coverage:** Provides detection from the front, sides, and rear of your vehicle for comprehensive protection.
- **Icon Display:** Clear and intuitive visual alerts for detected bands and signal strength.
- **Multiple City Modes:** Allows for adjustable X-band filtering in urban environments.

- **Total Laser Detection:** Detects all types of laser guns.



Figure 4: A section of the product packaging detailing the Advanced False Alert Detection System, FDSR, TFSR, and 360° MAXX Coverage features.

MAINTENANCE

To ensure the longevity and optimal performance of your Whistler Z-11R+ detector, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Lens Care:** Keep the front and rear laser detection lenses clean and free of dust or smudges. Use a lens cleaning cloth if necessary.
- **Storage:** When not in use for extended periods, store the detector in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Avoid Extreme Temperatures:** Do not leave the detector in direct sunlight or in a vehicle exposed to extreme heat or cold for prolonged periods, as this can damage the internal components.

TROUBLESHOOTING

If you encounter issues with your Whistler Z-11R+, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Unit does not turn on.	Power cord not properly connected. Vehicle's 12V outlet is not receiving power. Blown fuse in the power cord or vehicle.	Ensure power cord is securely plugged into both the detector and the vehicle's outlet. Check if other devices work in the same outlet. Inspect the fuse in the power cord plug (if applicable) and your vehicle's fuse box.
Frequent false alerts.	Operating in Highway mode in urban areas. Interference from other vehicle systems (blind spot monitors, adaptive cruise control). Traffic flow sensors.	Switch to a City mode (City 1, 2, or 3). Ensure FDSR and TFSR features are active. Consider adjusting sensitivity settings if available (refer to advanced menu options).
No detection of known radar/laser sources.	Obstructed view of the road. Unit is in Quiet or Dark mode (audio/visual alerts suppressed). Detector malfunction.	Ensure clear line of sight for the detector. Check Quiet and Dark mode settings. Test the unit in a controlled environment. If issues persist, contact customer support.

SPECIFICATIONS

Feature	Detail
Model	Z-11R+
Product Dimensions	4.44 x 2.85 x 1.23 inches
Item Weight	10.2 ounces
ASIN	B07N94ZDW2
Frequency Bands Supported	X-band, K-band, Ka-band
Laser Detection	Total Laser Detection
Coverage	360° MAXX Coverage
Display Type	Icon Display
Power Source	Battery Powered (implies 12V DC car power)
False Alert Filtering	FDSR (Field Disturbance Sensor Rejection), TFSR (Traffic Flow Sensor Rejection)
Manufacturer	Whistler

WARRANTY AND SUPPORT

Whistler products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official Whistler website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Whistler Customer Service. Contact details can typically be found on the Whistler website or on the product packaging.

Online Resources: For the most up-to-date information, FAQs, and additional support, please visit the official Whistler website: www.whistlergroup.com