**Sensor Installation**

Positioning Sensors

- Adjust the sensors so they are parallel with each other.
- Use a level to ensure the sensors are level.
- For optimal performance, limit the sensors to a side of the vehicle that is parallel to the road.
- Make sure that each sensor is parallel with the center of the vehicle.

**Positioning Sensors (continued)**

Note:

- Sensors should be positioned on the top of the vehicle.
- Do not install sensors behind a solid surface, which would block laser transmission.
- Do not install sensors near any moving parts, such as windshield wipers.

**Sensor Installation (continued)**

- Secure the mounting bracket using the included bolts.
- Snap the mounting bracket onto the sensor and tighten them. If the bolts do not thread properly, use the supplied bolts but do not install them fully.
- For additional sensor:
  - Use the supplied bubble level to ensure each sensor is parallel to the road and tightens if a sensor's mounting bracket.
  - Repeat for additional sensors.

**Wireless Communication**

- Wireless provides simple installation.
- Wireless communication offers a long range.
- Wireless devices can be added to the system.

**Wireless Communication (continued)**

- Wireless devices can be added to the system.
- Wireless communication offers a long range.
- Wireless devices can be added to the system.

**Warranty**

What this warranty covers:

- One (1) year from the date of original purchase from an authorized Escort dealer.
- No other express warranty applies to your product under any of the following conditions: 1. The serial number has been removed or modified. 2. Your product has been subjected to misuse or damage (including water damage, physical abuse, and/or improper installation). 3. Your product has been modified in any way. 4. Your receipt or proof-of-purchase number is not valid or exceeds the duration of this warranty.

What you must do to maintain this warranty:

- Return your Product to us.
- You will be responsible for all shipping charges that you incur for sending your Product to us.
- You must obtain a Return Authorization Number. 2. Properly pack your Product and include: your name, complete return address, written description of the problem with your Product, daytime telephone number. 3. Ship the Product pre-paid (insured, if you wish) to: ESCORT, Inc., 5440 West Chester Road, Chester Rd., West Chester, OH 45069.

Other legal rights:

- Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. ESCORT SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR INABILITY TO USE THIS PRODUCT OR THE MANNER OF ITS INSTALLATION.

LIMITATION OF WARRANTY:

- ESCORT makes no other express warranty except as set forth above are ESCORT's sole obligations and your exclusive remedy.

ESCORT Inc.

Designed and manufactured by the LDP Group Escort, Inc. 5440 West Chester Road, Chester Rd., West Chester, OH 45069.

Laser defense system for select ESCORT and Beltronics Radar Detectors®

Laser Defense System for select ESCORT and Beltronics Radar Detectors®

ESCORT Radar®

EscortRadar.com

Sold exclusively through authorized ESCORT and Beltronics Radar Detectors® Dealers.

FCC ID: QKLZW5

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

Power Supply: 12 Volts DC, 10-15 Volts

Dimensions: 6” x 7.5” x 3”

Weight: 2.5 lbs

ESCORT and Beltronics Radar Detectors® are registered trademarks of ESCORT, Inc.

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**Controls and Features**

**What’s Included**

- ZW5 SmartCard
- ZW5 Wire Kit
- ZW5 Bridge Box
- ShifterMax Bridge Box
- ShifterMax Sensors
- SmartCord
- Interface
- Components and Mounting Hardware
- Wireless SmartCord

**Interface**

- **Feature Options:**
  - AutoLearn
  - 360° Alert
  - Laps
  - Shifters
  - Sport
  -饯 (ShifterMax sensor)

**Laser ShifterMax Sensors**

- **ShifterMax Bridge Box**
  - Replaces your detector’s power cord
  - Connects to ZW5 SmartCard
  - Allows you to launch software updates

**ShifterMax Bridge Box Installation**

1. Install the Bridge Box in a higher location than your detector. It should not be located inside the driver’s compartment or around a wiring harness and the cables may void warranty.

**Maintain your Laser ShifterMax Sensors**

- Keep sensors clean with a cloth.
- Covers of sensors are often cleaned with a cloth.

**Maintenance**

- **ZW5** is maintained by disconnecting the removable cover from the vehicle’s power source.
- **Cover of Sensors**
  - Check the ShifterMax sensors before power on and off the unit.

**Important Notice**

- **Shrink:** Use the included heat shrink tubing to cover the wire’s ends.
- **Mounting:** Secure the Bridge Box to the vehicle’s chassis using the included cable ties.

**Safety Precautions**

- **Safety Precautions:**
  - Do not short across battery terminals.

**Controls**

- **Controls and Features:**
  - **Power:**
    - **On:** Enables ShifterMax to detect laser activity.
    - **Off:** Disables sensors.
    - **Shifting:** Sensors alert to laser without shifting.
    - **Receive:** Sensors alert to laser while shifting.

**Re-pairing ZW5 SmartCard**

1. Connect ZW5 SmartCard to vehicle’s lighter socket. If using ZW5 Direct Wire Kit, connect ZW5 SmartCard to the vehicle’s positive (+) battery terminal or a red-striped wire ending in lugs. Connect Plug SmartCard into ZW5 Interface.

**Uninstalling ZW5**

1. Unplug ZW5 SmartCard from vehicle’s positive (+) battery terminal or a red-striped wire ending in lugs. Disconnect ZW5 SmartCard from vehicle’s lighter socket.

**Important Notice**

- **Important:**
  - **Install the Interface in a higher location than your detector.** It should not be located inside the driver’s compartment or around a wiring harness and the cables may void warranty.
  - **Install the Bridge Box in a higher location than your detector.** It should not be located inside the driver’s compartment or around a wiring harness and the cables may void warranty.

**Performance Enhancements**

- **Performance Enhancements:**
  - **360° Alert:** Provides full protection from all alerts.
  - **AutoLearn:** Learns and eliminates false alerts.

**SmartCord**

- **SmartCord:**
  - Connects to ZW5 SmartCard
  - Allows you to launch software updates

**Shrink:**

- **Shrink:** Use the included heat shrink tubing to cover the wire’s ends.

**Mounting:**

- **Mounting:** Secure the Bridge Box to the vehicle’s chassis using the included cable ties.

**Important Notice**

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