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Escort V995

Beltronics Vector V995 Radar Detector Instruction Manual

Model: V995 | Brand: Escort (Beltronics)

1. Introduction

The Beltronics Vector V995 is an advanced radar, laser, and safety detector designed for comprehensive threat detection. This manual provides detailed instructions for setting up, operating, and maintaining your device to ensure optimal performance and longevity.

Key Features:

- Full X, K, SuperWide Ka, and Safety Warning System (SWS) radar capability.
- Front and rear laser detection.
- Varactor-tuned (VTO) microwave receiver for long-range protection.
- Digital Signal Processing (DSP) for superior range and reduced false alarms.
- Patented Mute and AutoMute functions.
- Audible and visual band alerts.
- Immune to VG-2 radar detector detectors.
- Highway/City sensitivity settings.
- AutoScan mode for intelligent false alarm filtering.
- Digital voice announcements for detected radar and laser bands.
- Ultra-bright 280-LED alphanumeric display with threat tracking.
- Total Tracking Laser with twin laser ports for 360-degree detection.

2. Setup

2.1. Unpacking the Device

Carefully remove all components from the packaging. The box should contain:

- Beltronics V995 Vector Radar/Laser Detector
- Carrying case
- Coiled power cord (for cigarette lighter adapter)
- Quick release windshield mount with suction cups

- Owner's manual (Quick Start Guide)
- Hardwire kit (for direct fuse panel connection)
- Visor clip mount (alternative to windshield mount)

2.2. Mounting the Detector

The V995 offers flexible mounting options:

1. **Windshield Mount:** Attach the quick release windshield mount to a clean, dry area of your windshield. Ensure the detector has an unobstructed view ahead and behind. The suction cups provide a secure hold.
2. **Visor Clip Mount:** For an alternative mounting position, the included visor clip can be used to attach the detector to your vehicle's sun visor. This option may be preferred in areas with high temperatures to prevent suction cup degradation.
3. **Rearview Mirror Mount (Optional):** An aftermarket rearview mirror mount can be purchased separately for a more integrated installation, avoiding windshield obstruction.

Safety Warning: Ensure the detector is securely mounted and does not obstruct your view of the road or interfere with airbags. Do not leave the detector exposed in your vehicle when parked to prevent theft.

2.3. Power Connection

Connect the V995 to your vehicle's power source using one of the following methods:

- **Cigarette Lighter Adapter:** Plug the coiled power cord into the detector's power input and then into your vehicle's 12V cigarette lighter socket.
- **Hardwire Kit:** For a cleaner, permanent installation, use the included hardwire kit to connect the detector directly to your vehicle's fuse panel. Consult a professional if you are unfamiliar with automotive electrical systems.

3. Operating the Beltronics V995

3.1. Controls and Functions

- **Power Button:** Tap to power on. Press and hold for 4.75 seconds to power off.
- **Volume Buttons (+/-):** Press and hold to raise or lower the initial volume. Sound level (0-9) is indicated on the display during adjustment.
- **Mute Button:** Tap to mute an alert. The mute icon will illuminate when volume is muted.
- **Changing Modes:** Press and hold the control button for 1.5 seconds to cycle through operating modes.

3.2. Display Readings

The V995 features an ultra-bright 280-LED alphanumeric display that provides clear information:

- **Band Identification:** Displays detected radar bands (X, K, Ka, Ku, SWS).
- **Radar Strength Indicator:** More blocks glow as the radar signal gets stronger.
- **Radar Locator:** Arrows indicate the direction of the threat (front, rear, or side). In case of multiple threats, the most urgent threat will be indicated by a blinking arrow.
- **Bogey Counter:** Shows the number of radar signals being tracked.
- **Bluetooth Icon:** Illuminates when connected to a compatible device (e.g., smartphone with the companion app).

3.3. Analyzer Modes

The V995 offers various modes to optimize detection and minimize false alarms:

- **AutoScan Mode:** Continuously analyzes incoming signals and intelligently filters out false alarms, providing long-range warning.
- **Highway Mode:** Provides maximum sensitivity for open road driving.
- **City Mode:** Reduces sensitivity to minimize false alerts in urban environments.
- **AutoNoX Mode:** (If available) Automatically adjusts X-band sensitivity.
- **AutoLoK Mode:** (If available) Automatically adjusts K-band sensitivity.

3.4. Voice Alerts

The V995 provides clear digital voice announcements for detected radar and laser bands. If Safety Radar (SWS) is active, relevant safety messages will also be announced.

4. Advanced Features

4.1. Superior Detection Capabilities

The Beltronics V995 is engineered for comprehensive detection across all common radar and laser bands:

- **Radar Bands:** Detects X, K, SuperWide Ka, and Ku bands.
- **Laser Detection:** Features front and rear laser detection with twin laser ports, providing a 360-degree field of view to detect off-axis signals.
- **Digital Signal Processing (DSP):** Advanced DSP technology enhances detection range and significantly reduces false alarms from non-threat sources.
- **VG-2 Immunity:** The V995 is designed to be invisible to VG-2 radar detector detectors, ensuring discreet operation.

4.2. Safety Warning System (SWS)

The SWS utilizes modified K-band radar signals to alert users to various road hazards and information. The V995 can display up to 64 possible SWS messages, including:

- Highway Construction or Maintenance
- Highway Hazard Zone Advisories
- Weather Related Hazards
- Travel Information/Convenience
- Fast/Slow Moving Vehicles

4.3. Smart Plug

The included Smart Plug power cord features a convenient mute button, allowing you to quickly silence alerts without reaching for the detector itself.

5. Maintenance

To ensure the longevity and optimal performance of your Beltronics V995, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior of the detector with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the casing or display.
- **Lens Care:** Keep the front and rear laser lenses clean and free of dust or smudges for accurate detection. Use a microfiber cloth specifically designed for optics.
- **Storage:** When not in use, especially in extreme temperatures, store the detector in its provided carrying case. Avoid prolonged exposure to direct sunlight or extreme heat, which can damage electronic components and suction cups.

- **Cable Inspection:** Periodically check power cords and connections for any signs of wear or damage. Replace if necessary.

6. Troubleshooting

If you encounter issues with your Beltronics V995, consider the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the detector and the vehicle's power source (cigarette lighter or fuse panel). Check the vehicle's fuse for the power outlet.
- **Frequent False Alarms:** Adjust the sensitivity settings (e.g., switch from Highway to AutoScan or City mode). Ensure the detector's view is unobstructed and not picking up signals from automatic door openers or other non-threat sources.
- **Poor Detection Range:** Verify that the detector's front and rear sensors have a clear line of sight. Clean any dirt or obstructions from the lenses. Ensure the detector is mounted correctly and not blocked by metallic window tint or other vehicle components.
- **No Voice Alerts:** Check the volume setting. Ensure the mute function is not active.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on your smartphone and the V995. Restart both devices and attempt to re-pair.

For persistent issues, refer to the full owner's manual or contact Escort customer support.

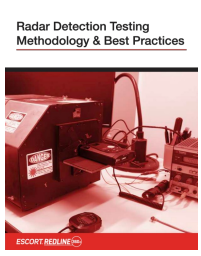
7. Specifications

Feature	Specification
Product Dimensions	4.75 x 2.75 x 1.25 inches
Item Weight	1.58 ounces
ASIN	B000246USU
Item Model Number	v995
Brand	Escort (Beltronics)
Frequency Bands Supported	X, K, SuperWide Ka, Ku, Safety Warning System (SWS)
Power Source	Corded Electric (12V DC)
Display Type	Ultra-bright 280-LED alphanumeric text display
Color	White (as per specifications, though product images often show black/dark gray)
Manufacturer	EldHus
Date First Available	February 16, 2006
UPC	065789249958

8. Warranty and Support

Specific warranty details and direct support contact information are not provided in the available product data. Please refer to the official Escort (Beltronics) website or the documentation included with your purchase for the most up-to-date warranty terms and customer support contacts.

Related Documents - V995

	ESCORT M1 Dash Cam User Manual: Features, Installation, and Operation Comprehensive user manual for the ESCORT M1 Dash Cam, detailing its features, compatibility with Escort and Beltronics radar detectors, installation instructions, basic operation, app connectivity, software updates, and troubleshooting. Learn how to enhance your driving experience with crystal clear 1080P HD video recording.
	ESCORT SmartCord Live User Manual & Guide Explore the ESCORT SmartCord Live, an advanced radar and laser detector accessory that connects to your Android smartphone via Bluetooth. Learn about ESCORT Live's real-time driver alerts, DEFENDER Database, and GPS features for enhanced road safety and protection.
	ESCORT M1 Dash Cam User Manual: High Definition Performance & Wi-Fi Connectivity Comprehensive user manual for the ESCORT M1 Dash Cam, detailing features like 1080P HD recording, Wi-Fi connectivity, G-Sensor, installation, app settings, and troubleshooting. Learn how to maximize your driving safety and recording capabilities.
	Escort M1 Dash Cam User Manual: Installation, Features, and Operation Comprehensive user manual for the Escort M1 Dash Cam. Learn about installation, features like 1080P HD video and Wi-Fi connectivity, app settings, troubleshooting, and regulatory information.
	Escort Redline 360c Radar Detection Testing Methodology and Best Practices This document outlines the rigorous testing methodologies and best practices employed by Escort Radar to evaluate the performance of their radar detectors, specifically the Redline 360c model. It details procedures for measuring response time, sensitivity, range, and false alert filtering, supported by comparative data.
	ESCORT MAX 360c MKII Quick Start Guide Quick start guide for the ESCORT MAX 360c MKII connected radar and laser detector. Learn how to download the Drive Smarter app, connect your device, mount it, and troubleshoot common issues.