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› MACHSWON Car Radar Detector V7 User Manual

## MACHSWON V7

# MACHSWON Car Radar Detector V7 User Manual

Model: V7

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your MACHSWON Car Radar Detector V7. This device is designed to detect radar and laser signals used by speed monitoring equipment, providing timely alerts to assist drivers in maintaining awareness of their speed.

Please read this manual thoroughly before using the device to ensure optimal performance and safety.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x MACHSWON V7 Radar Detector
- 1 x Car Charger
- 1 x Non-Slip Mat
- 1 x User Manual (this document)



Figure 2.1: MACHSWON V7 Radar Detector with included accessories (car charger and non-slip mat).

## 3. PRODUCT OVERVIEW

### 3.1 Device Components

- **Digital Display:** Shows detected band types and signal strength.
- **Laser Beam Sensor:** Detects laser signals.
- **Power Port:** Connects to the car charger.
- **Speaker:** Emits audible alerts and voice prompts.



Figure 3.1: Key components of the MACHSWON V7 Radar Detector and accessories.

## 3.2 Controls and Functions

- **UP Button:** Press to increase volume.
- **MENU Button:** Press once to switch between City and Highway modes. Press and hold for 10 seconds to switch the voice alert language (English/Russian).
- **DN Button:** Press to decrease volume.

# 360 Degree 16 Band



Figure 3.2: Front view of the radar detector with button functions and 6-band display.

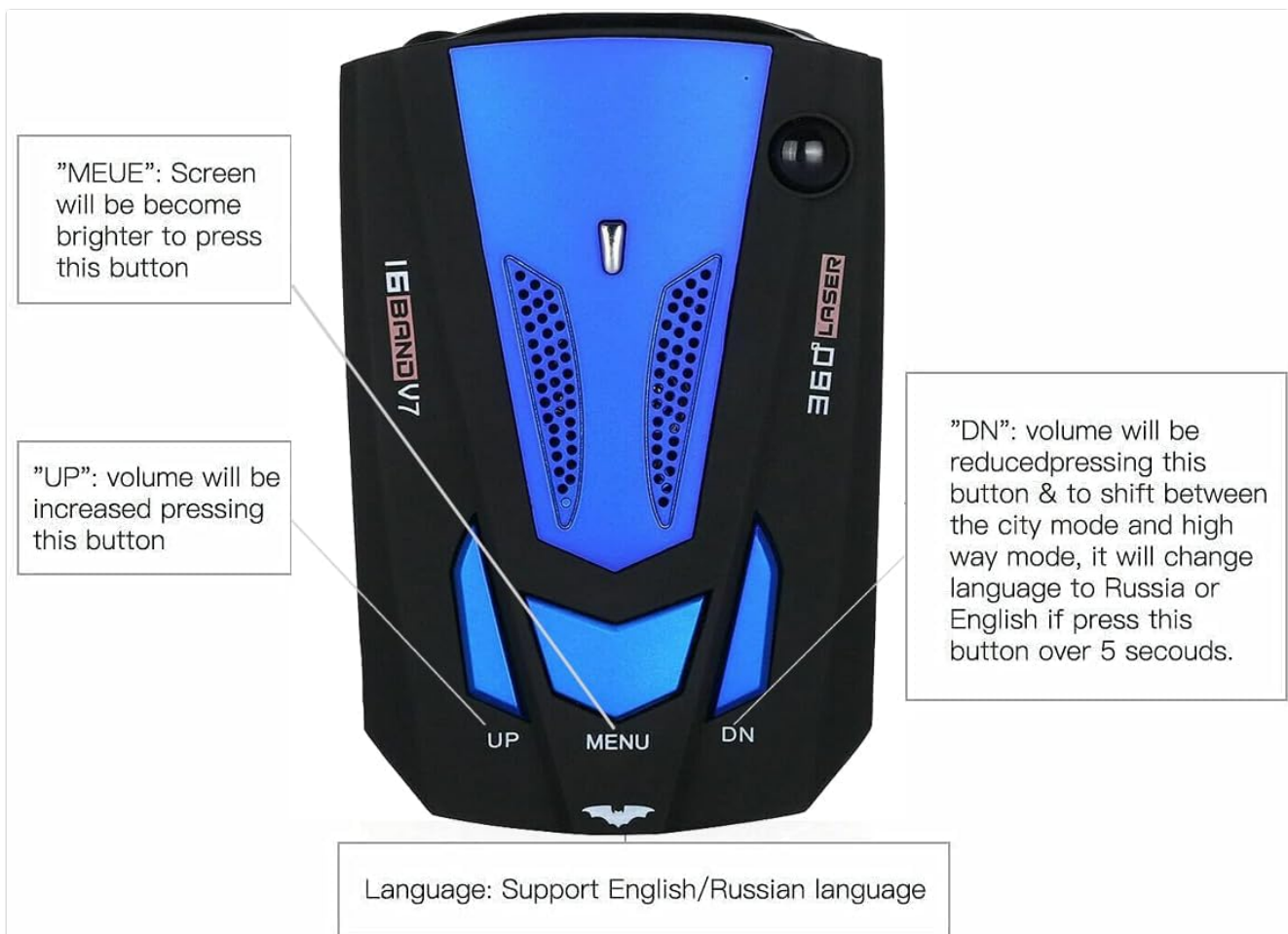


Figure 3.3: Detailed explanation of button functionalities.

## 4. SETUP AND INSTALLATION

Follow these steps to install your radar detector:

1. **Choose a Location:** Select a location on your dashboard or windshield that provides a clear view of the road ahead and behind, ensuring the detector's sensors are unobstructed. The non-slip mat can be used to secure the device on the dashboard.
2. **Connect Power:** Insert the small end of the car charger cable into the power port on the radar detector. Plug the larger end of the car charger into your vehicle's 12V accessory outlet (cigarette lighter socket).
3. **Power On:** The device will typically power on automatically when the vehicle's ignition is turned on. A startup sequence and voice prompt will confirm it is active.



Figure 4.1: Example of radar detector placement in a vehicle.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

The device powers on automatically when connected to a powered 12V outlet. To power off, disconnect the car charger from the vehicle's accessory outlet.

### 5.2 Mode Selection (City/Highway)

Press the **MENU** button once to toggle between City mode and Highway mode. Each mode is designed to optimize detection and minimize false alerts in different driving environments:

- **Highway Mode:** Provides maximum detection range for open road driving.
- **City Mode:** Reduces sensitivity to minimize false alerts from common urban sources like automatic door openers.

### 5.3 Volume Control

Use the **UP** button to increase the alert volume and the **DN** button to decrease it.

### 5.4 Language Selection

To change the voice alert language, press and hold the **MENU** button for approximately 10 seconds. The device supports English and Russian languages.

### 5.5 Alert System

Upon detecting a radar or laser signal, the device will emit an audible alert and a voice prompt, indicating the type of signal detected (e.g., X-band, K-band, Ka-band, Laser). The digital display will show the detected band and signal strength.



Figure 5.1: Illustration of the radar detector's detection range.

The detector features an auto 360-degree detection system with super-fast sweep circuitry, providing an advanced warning range of 250-2500 meters for stable or mobile radial speed monitors.



Figure 5.2: The detector's capability to identify various speed monitoring devices.

A relative speed sensing auto-mute system helps to reduce false alerts. The device also includes a shutdown feature designed to render it undetectable by radar detector-detectors.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your MACHSWON V7 Radar Detector, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the casing or internal components.
- **Sensor Care:** Keep the front and rear sensor areas clear of dust and obstructions to ensure accurate detection.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check the car charger cable for any signs of wear or damage. Replace if

necessary.

## 7. TROUBLESHOOTING

If you encounter issues with your radar detector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	No power from 12V outlet; faulty car charger; loose connection.	Check vehicle's 12V outlet (test with another device). Ensure car charger is securely plugged in. Try a different car charger if available.
No alerts or weak detection.	Sensors obstructed; incorrect mode (City mode in Highway); low volume.	Ensure clear line of sight for sensors. Switch to Highway mode for open roads. Increase volume using the UP button.
Frequent false alerts.	Operating in Highway mode in urban areas; interference from other devices.	Switch to City mode. Reposition the device to minimize interference.
Cannot change language.	MENU button not held long enough.	Press and hold the MENU button for a full 10 seconds until the language changes.

If the problem persists after attempting these solutions, please contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model	V7
Item Weight	6.4 ounces
Product Dimensions	0.39 x 2.48 x 1.34 inches (10 x 63 x 34 mm)
Display Type	LED
Voltage	12 Volts
Detection Range	250-2500 meters (approx. 820-8200 feet)
Supported Bands	X, K, Ka, Laser
Manufacturer	MACHSWON
UPC	782947065693



Figure 8.1: Physical dimensions of the MACHSWON V7 Radar Detector.

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

Specific warranty details for the MACHSWON Car Radar Detector V7 are not provided in this manual. Please refer to the product packaging or contact the retailer/manufacturer directly for warranty terms and conditions.

### 9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your product, please contact MACHSWON customer support through their official website or the retailer where the product was purchased.

