



Manuals.plus /

› Radenso /

› Radenso DS1 Extreme Range Radar Detector User Manual

Radenso DS1

Radenso DS1 Extreme Range Radar Detector User Manual

Model: DS1

INTRODUCTION

Welcome to the Radenso DS1 Extreme Range Radar Detector user manual. This guide provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your device. The Radenso DS1 is designed to offer superior detection capabilities, reduced false alerts, and a user-friendly experience with its advanced features.

BOX CONTENTS

Before you begin, please ensure all items are present in your Radenso DS1 package:

- Radenso DS1 Radar & Laser Detector
- Magnetic Quick-Release Suction Cup Mount
- USB-C Power Adapter with USB port
- Carrying Case
- User Manual (this document)



Image: Radenso DS1 Box Contents. The image displays the radar detector, a magnetic suction cup mount, a USB-C power adapter, a carrying case, and an Allen key.

SETUP

1. Mounting the DS1

The Radenso DS1 features a magnetic quick-release suction cup mount for easy installation and removal. It also includes universal mounting provisions with a 1/4-20 threaded hole for compatibility with third-party mounting accessories.

1. **Choose a Location:** Select a location on your windshield that provides a clear view of the road and does not obstruct your driving visibility. The area behind the rearview mirror is often ideal.
2. **Attach the Suction Cup:** Press the suction cup firmly against the clean windshield surface and flip the lever to secure it.
3. **Attach the DS1:** Align the DS1 with the magnetic mount. The strong magnet will securely hold the detector in place.



Image: Radenso DS1 with Magnetic Quick-Release Suction Cup Mount. The detector is shown attached to a windshield, demonstrating its secure placement.



Image: Radenso DS1 Universal Mounting Provisions. This image highlights the 1/4-20 threaded hole on the device, allowing for various mounting options.

2. Power Connection

Connect the provided USB-C power adapter to the DS1's USB-C port and plug the other end into your vehicle's 12V accessory outlet.



Image: Radenso DS1 USB-C and Headphone Jack. This image shows the side of the detector with the USB-C port for power and data, and a 3.5mm audio jack for external audio output.

3. Initial Power On

Once connected, the DS1 will power on automatically with your vehicle. Follow any on-screen prompts for initial setup.

OPERATING THE RADENSO DS1

Controls and Buttons

The DS1 features five simple buttons for intuitive control:



Universal Mounting Provisions

Equipped with a ¼-20 threaded hole, the DS1 is compatible with third party mounting accessories that use the same thread size. This opens up countless mounting possibilities for motorcycles and cars with uniquely angled windshields.

Magnetic Quick-Release Mount

The included magnetic quick-release suction cup mount makes mounting your detector a snap. Take it down at night to protect against theft, or quickly swap between vehicles. The strong magnet holds the DS1 secure over even the largest bumps or fastest corners.



Image: Radenso DS1 5 Simple Buttons. The image highlights the Power, Volume Increase, Menu, Volume Decrease, and Mute buttons on the top of the device.

- **Power Button:** Turns the detector on and off.
- **Volume Increase Button (+):** Increases the detector volume. Also used for navigation in menu mode.
- **Menu Button:** Enters the menu and selects menu options.
- **Volume Decrease Button (-):** Decreases the detector volume. Also used for navigation in menu mode.
- **Mute Button:** Toggles mute on/off while alerting. A 1-second press deletes a lockout. A 2-second press stores or deletes a user point while not alerting.

OLED Display

The DS1 features a high-resolution color OLED display that provides clear information and automatically adjusts to ambient light conditions. You can customize the display colors and alert tones to your preference.



Image: Radenso DS1 Display. The display shows current speed, compass direction, radar frequency (e.g., Ka 34.718), and a radar threat strength bar.



Image: Radenso DS1 UltraClear Multicolor OLED Display. This composite image shows the detector's screen in different customizable colors, including White, Gray, Pink, Purple, Green, and Amber.

Detection Capabilities

The Radenso DS1 detects a wide range of radar and laser bands:

- X-band
- K-band
- Ka-band
- Gatso
- MultaRadar Detection (MRCD, MRCT)
- Laser (LIDAR)

The DS1 is designed to provide extreme range detection, giving you ample warning time for potential threats.

GPS Auto Lockouts

The integrated GPS functionality allows the DS1 to automatically learn and lock out stationary false alert sources (e.g., automatic door openers at stores). After encountering a stationary false alert three times, the

DS1 will store its location and automatically mute future alerts from that specific source, significantly reducing nuisance alerts.



Image: Radenso DS1 Auto GPS Lockouts. This icon represents the device's ability to automatically learn and suppress false alerts based on GPS location.

Bluetooth Connectivity

The DS1 features built-in Bluetooth 5.0 for connectivity with the Radenso Nexus app and other third-party applications. This allows for easy firmware updates and settings adjustments directly from your smartphone.

USB-C and Headphone Jack

Motorcycle riders can re-route audio alerts to a headset or external speaker.



Bluetooth Enabled

Built in Bluetooth 5.0 for Radenso Nexus and Third Party App Connectivity.



Image: Radenso DS1 with Bluetooth Enabled. The image shows the detector next to a smartphone displaying the Radenso Nexus app, indicating Bluetooth connectivity for updates and control.

MAINTENANCE

Cleaning the Device

To maintain optimal performance and appearance, regularly clean your Radenso DS1. Use a soft, dry cloth to wipe the exterior. Avoid using abrasive cleaners or solvents that could damage the device or its display.

Firmware Updates

Radenso regularly releases firmware updates to improve performance, add new features, and adapt to changes in radar and laser technology. It is highly recommended to keep your DS1's firmware up to date.

- **Via Radenso Nexus App:** Connect your DS1 to your smartphone via Bluetooth and use the Radenso Nexus app to check for and install the latest firmware.
- **Via Computer:** Alternatively, connect your DS1 to a computer using a USB-C cable and visit the official Radenso website for firmware download and installation instructions.

TROUBLESHOOTING

If you encounter issues with your Radenso DS1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on	No power from vehicle outlet; loose connection	Check vehicle's 12V outlet for power. Ensure USB-C cable is securely connected to both the DS1 and the power adapter.
Excessive false alerts	Default settings too sensitive; nearby K-band sources (e.g., automatic doors)	Utilize the GPS Auto Lockout feature. Adjust sensitivity settings in the menu. Ensure firmware is up to date.
No GPS signal	Obstructed view of sky; initial acquisition time	Ensure the DS1 has a clear view of the sky. Initial GPS acquisition can take a few minutes. Move to an open area if indoors or in a garage.
Bluetooth connectivity issues	Bluetooth not enabled; app issues; outdated firmware	Ensure Bluetooth is enabled on your smartphone and the DS1. Restart both devices. Update DS1 firmware to activate Bluetooth features if necessary.

If these solutions do not resolve your issue, please contact Radenso Technical Support.

SPECIFICATIONS

Feature	Detail
Brand	Radenso
Model Number	DS1
Compatible Devices	Smartphone
Frequency Bands Supported	X, K, Ka, Gatso, MultaRadar Detection (MRCD, MRCT), Laser (LIDAR)
Power Source	USB-C
Display Type	OLED
Product Dimensions (L x W x H)	4.3"L x 3"W x 1.2"H
Item Weight	1.5 Pounds
UPC	851160008500

OFFICIAL PRODUCT VIDEOS

[Radenso DS1 Overview](#)

Your browser does not support the video tag.

Video: This official Radenso video provides a comprehensive overview of the DS1 Extreme Range Radar Detector, highlighting its key features, design, and benefits for drivers.

Radenso DS1 detecting police radar

Your browser does not support the video tag.

Video: This official Radenso video demonstrates the DS1's capability in detecting police radar, showcasing its alert system and response in a real-world driving scenario.

WARRANTY AND SUPPORT

Warranty Information

The Radenso DS1 comes with a **2-Year Extended Warranty & Ticket Free Guarantee**, providing peace of mind for your investment. Please refer to the official Radenso website for full terms and conditions of the warranty and guarantee.

Technical Support

Radenso offers dedicated USA Technical Support to assist you with any questions or issues regarding your DS1 radar detector. For assistance, please visit the official Radenso website or contact their support team directly.

Official Radenso Store: Visit the Radenso Store on Amazon