

Idatalink Idatalink Maestro ADS-MSR

Idatalink Maestro ADS-MSR Universal Car Stereo Interface User Manual

Universal Car Stereo Interface for Factory Audio Upgrade, Retains Steering Controls & Settings, with Built-in Bluetooth Adapter for Wireless Programming via a Mobile Device

INTRODUCTION

The Idatalink Maestro ADS-MSR is a web-programmable, plug-and-play universal car stereo head unit replacement and steering wheel interface. It is designed to seamlessly integrate an aftermarket car stereo while retaining essential factory features such as reverse camera functionality, steering wheel controls, and original vehicle settings. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your ADS-MSR module.

KEY FEATURES

- **Universal Compatibility:** Works with nearly any vehicle and aftermarket car stereo, retaining factory integration features for steering wheel controls, backup camera, and vehicle settings.
- **Retain Factory Functions:** Keeps important factory features like steering wheel audio controls, backup camera, and vehicle settings menus when upgrading your audio system.
- **Bluetooth Connectivity:** Built-in Bluetooth adapter supports wireless programming via iDatalink's Weblink Mobile application (Android or iOS).
- **Simplified Installation:** Features plug-and-play wiring and programming through a mobile app for one-time vehicle-specific setup.
- **Multi-Camera Views:** On select vehicles, supports multi-camera views on an aftermarket car stereo for the factory backup camera and additional camera accessories.
- **Programmable Outputs:** Two programmable outputs can be configured to control aftermarket accessories from an iDatalink Serial Port compatible Kenwood, JVC, Alpine, SONY, or Pioneer in-dash receiver. Outputs can be configured to Latch, Toggle, Follow a CAN signal, or have a custom output configuration, with adjustable Delay On and Delay Off times. Steering wheel control buttons can also be assigned to these outputs.

PACKAGE CONTENTS

- Idatalink Maestro ADS-MSR Universal Radio Interface
- Supplied Cables



Image: IdataLink Maestro ADS-MSR module, its retail packaging, and the various connection cables included in the box.

SETUP AND INSTALLATION

1. Software Installation and Module Programming

Before physical installation, the Maestro ADS-MSR module must be programmed with vehicle-specific firmware using the iDatalink Weblink Desktop application on a PC or Mac, or the Weblink Mobile application on an Android or iOS device via Bluetooth.

Official tutorial demonstrating the step-by-step process of downloading and installing Weblink Desktop software, creating an account, and flashing the Maestro module on a Windows PC.



Image: The Maestro ADS-MSR module connected to a laptop, illustrating the programming process via the Weblink Desktop application.

2. Hardware Installation

The ADS-MSR module requires a vehicle-specific T-Harness (sold separately) for plug-and-play integration. This harness simplifies the wiring process by connecting directly to the vehicle's factory wiring and the aftermarket radio.

(SOLD SEPARATELY)

Our line of vehicle specific T-Harnesses simplify the installation process.

REQUIRED FOR INSTALLATION: This "HRM Plug & Play Radio Replacement Installation T-Harness Mod" is required for the Idatalink Maestro ADS-MSR Interface Module. The corresponding Idatalink Maestro Car Stereo

REQUIRED FOR INSTALLATION: This "HRN-SR Series" Plug & Play Radio Replacement Installation T-Harness requires an Idatalink Maestro ADS-MSR Interface Module and the corresponding Idatalink Maestro Car Stereo Head-Unit ACC-HU-ALP1, ACC-HU-PI01, ACC-HU-S0N1, ACC-HU-KEN1 or ACC-HU-KEN2 Installation T-Harness. (SOLD SEPARATELY)

Image: A selection of vehicle-specific T-Harnesses, which are required for connecting the ADS-MSR module to various vehicle models.

Aftermarket Radio

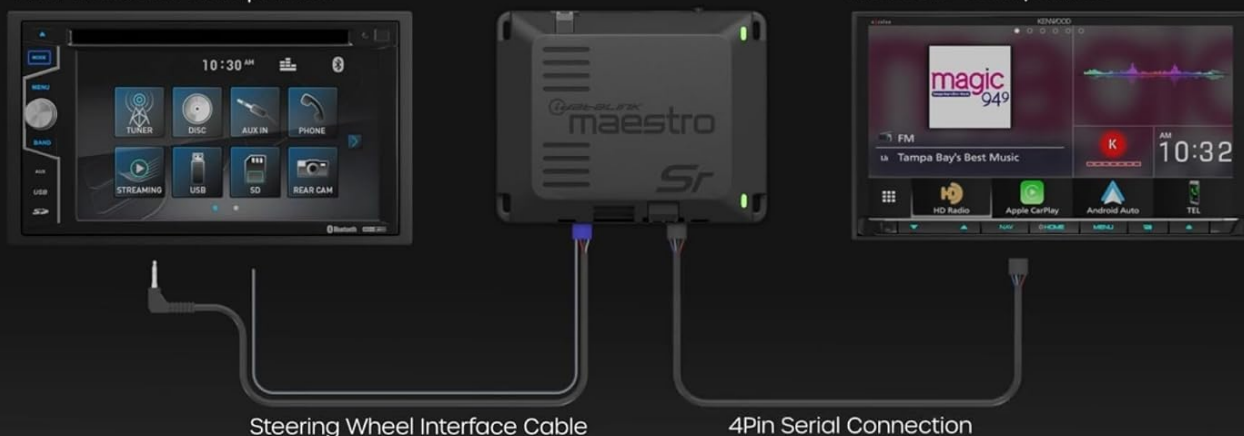


Image: A diagram illustrating how the Maestro SR connects to both non-Maestro compatible and Maestro compatible aftermarket radios, highlighting the steering wheel interface cable and 4-pin serial connection.

OPERATING INSTRUCTIONS

1. Radio Compatibility

The Maestro ADS-MSR is compatible with a wide range of aftermarket radios. For non-Maestro compatible radios, it connects via a standard steering wheel interface cable. For Maestro-compatible radios (from brands like Kenwood, JVC, Alpine, SONY, Pioneer), it utilizes a 4-pin serial connection for enhanced integration and features.

2. Retaining Vehicle Settings

The ADS-MSR module ensures that crucial factory vehicle settings are retained and accessible through your new aftermarket radio's touchscreen. These settings can include lighting control, door lock options, camera settings, driving modes, instrument cluster displays, parking assistance, collision avoidance systems, and TPMS settings. If using a non-Maestro compatible radio, these settings can often be accessed and controlled via the iDataLink Weblink Mobile app on your smartphone.

3. Camera Integration

The Maestro ADS-MSR retains factory reverse cameras, 360-degree cameras, and cargo cameras. It supports factory multiple viewing angles or split-screen views for reverse and 360-degree cameras, controllable via a steering wheel button. Additional accessories may be required to fully integrate the backup camera. The system works with most aftermarket radios.



Image: A visual representation of the Maestro SR's camera integration capabilities, showing how factory reverse and 360-degree cameras can be controlled through the steering wheel.

4. Programmable Outputs

The ADS-MSR features two programmable outputs that can be configured to control aftermarket accessories added to the vehicle. These outputs can be set to Latch, Toggle, or follow a CAN signal (firmware dependent). You can also configure Delay On and Delay Off times for each output and assign a steering wheel control button to control them.

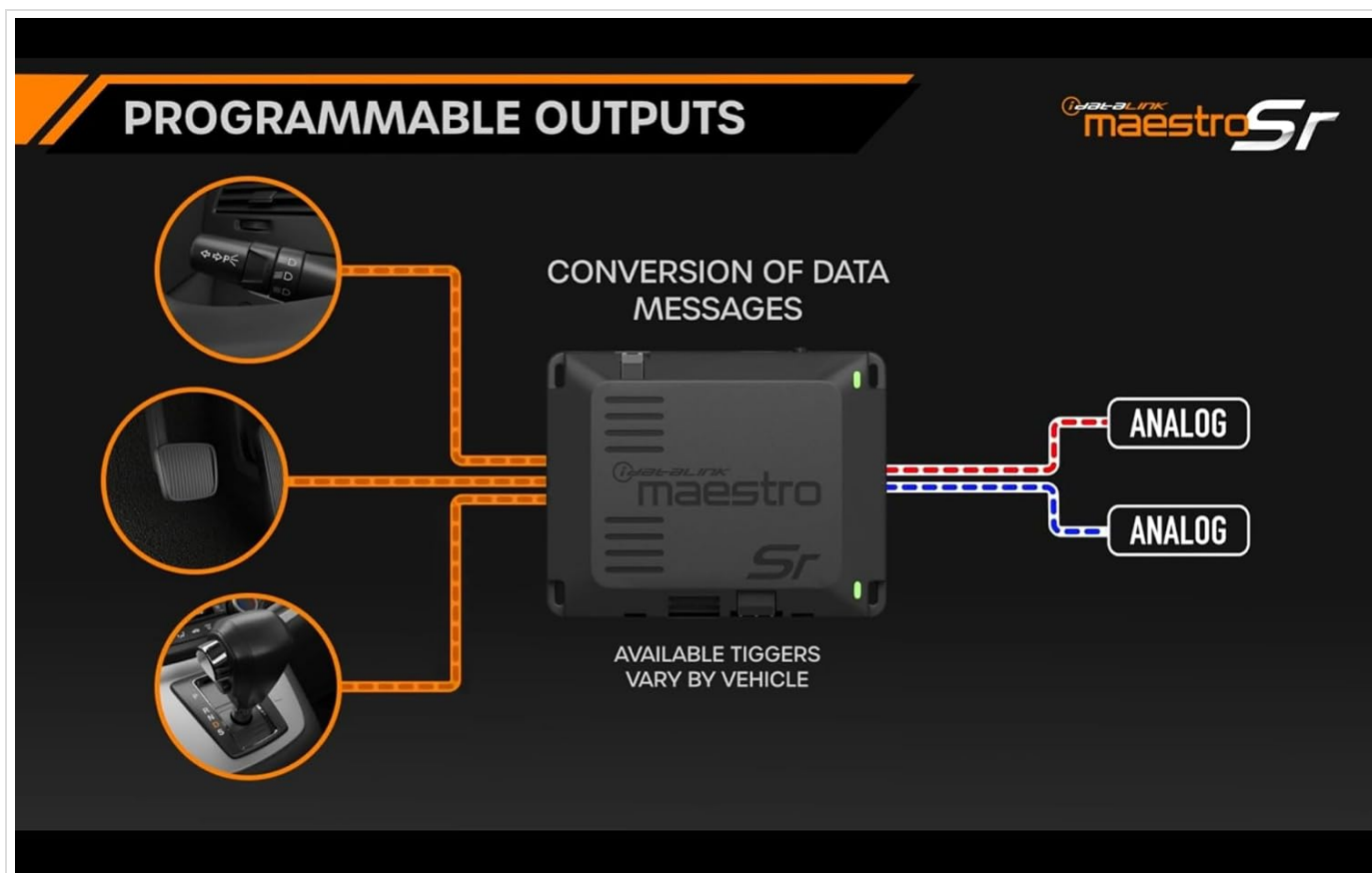


Image: A diagram showing the programmable outputs of the ADS-MSR module, capable of converting data messages from vehicle controls (like turn signals, brake pedal, gear shifter) into analog outputs for accessories.

Overview of the iDatalink Maestro SR module's features, including radio replacement, vehicle settings retention, camera integration, and programmable outputs.

MAINTENANCE

To ensure optimal performance and access to the latest features and vehicle compatibility, regularly update the firmware of your iDatalink Maestro ADS-MSR module using the Weblink Desktop or Mobile application. Periodically check all wiring connections for security and integrity, especially after initial installation or any vehicle modifications.

TROUBLESHOOTING

If you encounter issues such as non-functional steering wheel controls, incorrect camera display, or problems with retained vehicle settings, first verify all wiring connections are secure and correctly matched according to the installation guide for your specific vehicle and aftermarket radio. Ensure the module's firmware is up to date. If problems persist, consult the detailed troubleshooting section on the official iDatalink website or contact their technical support.

SPECIFICATIONS

Attribute	Value
Product Dimensions	7 x 5 x 1.25 inches
Item Weight	3.7 Ounces
Item Model Number	iDatalink Maestro ADS-MSR
Manufacturer	iDatalink

Attribute	Value
Material	Copper (core), PVC (insulation)
Cable Type	USB
Country of Origin	China

WARRANTY INFORMATION

For detailed warranty information regarding your Idatalink Maestro ADS-MSR module, please refer to the official warranty documentation included with your product packaging or visit the Idatalink website. Warranty terms and conditions may vary.

SUPPORT

For additional support, technical assistance, or to access the latest firmware updates and installation guides, please visit the official [iDatalink support website](#). You can also find FAQs and contact information for customer service there.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question