



CUSTOM-FIT CAR STEREO FOR CHEVROLET SILVERADO 2014-2019 GMC SIERRA 2014-2019



VISION series

INSTALLATION MANUAL

Important Notice!

Please read this installation guide carefully before disassembling your vehicle or making any wire connections. Installing this product requires technical expertise, experience and specialized tools.

If you are unsure about performing the installation steps outlined in this manual, we strongly recommend having the product professionally installed by an authorized VINLAND dealer.

Retain Your Factory Features with Vinland Vision (via Maestro RR)

Upgrade without compromise—Vinland Vision, when paired with the Maestro RR module, preserves select OEM features so you can enjoy modern technology while keeping the conveniences you love.

Explore the table below for a complete overview of retainable functions.

Note: Listed features are for reference only. Actual retained functions may vary by vehicle model year, trim, and regional specifications.

Feature	Retention Status
OEM Camera	Retained
Steering Wheel Controls	Retained
Navigation Outputs	Retained
Warning Chimes	Retained
Vehicle Settings	Retained
Advanced Camera Features	Retained
Climate Control (only display)	Retained
Gauges	Retained
Park Assist	Retained
Vehicle Info	Retained

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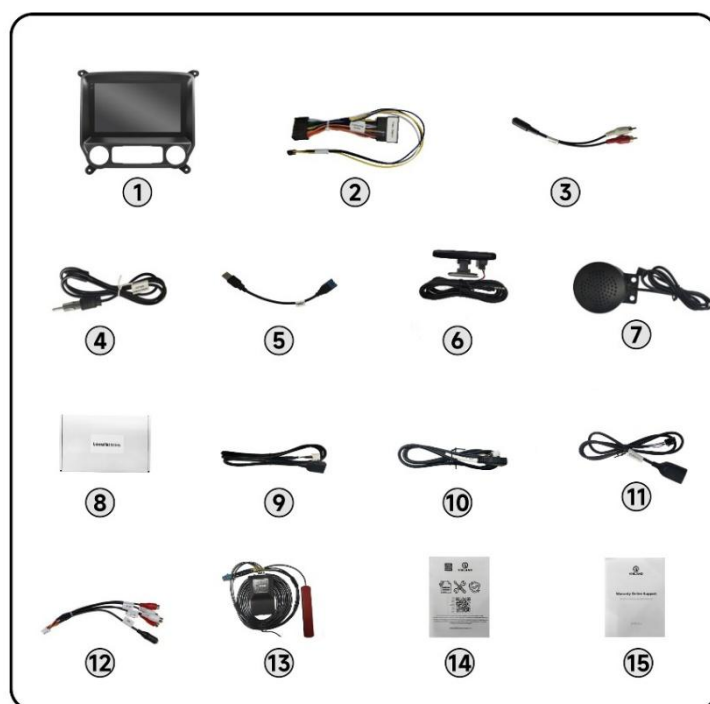
Chapter 1 Tools Needed & Packing List

Tools needed for installation: Plastic pry tools, Socket wrench (7mm or 10mm, depending on your stereo), Screwdriver, Electrical tape, Scissor, Wrench, Screw Tray/Box, Cable Ties.

Warning:

- We regularly release system updates that may introduce new features or changes not covered in this manual. Always refer to the latest release notes for comprehensive details.
- Download the latest Installation Manual from our website or contact customer support for assistance.
- We strive for comprehensive documentation. If you have questions or encounter issues with your car stereo not covered in this manual, please get in touch with customer support.

- ① Car Stereo with Mounting Frame
- ② Power Adapter
- ③ AUX Adapter
- ④ GM Radio Antenna Adapter
- ⑤ Mini USB Adapter
- ⑥ External Microphone
- ⑦ Small Speaker
- ⑧ Universal Accessories Box
- ⑨ USB to 4 Pin: USB 1 Phone Link
- ⑩ USB to 6 Pin: USB 2 External Storage
- ⑪ 4G SIM Slot Cable
- ⑫ Tri-band Audio with Remote Receiver
- ⑬ 4-in-1 Antenna (GPS/Wi-Fi/4G-ANT)
- ⑭ Product Manual
- ⑮ Warranty Online Support

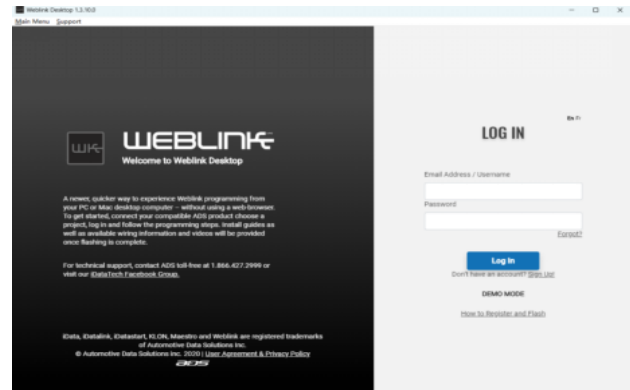
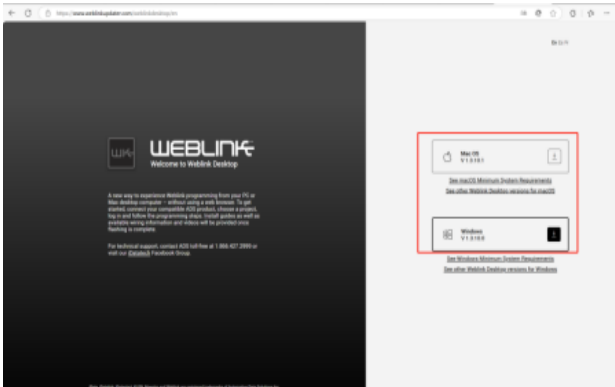


To Retain OEM Features

You'll need the Maestro RR interface and the vehicle-specific T-Harness (sold separately).

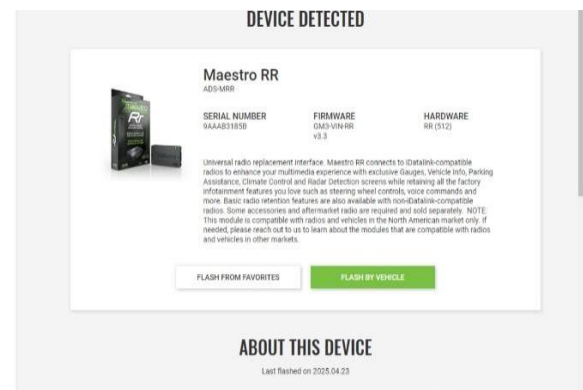
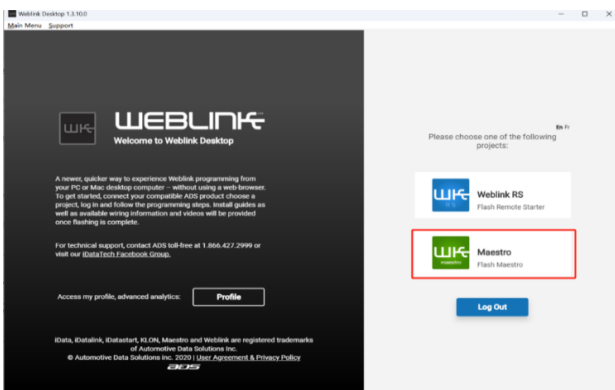
Chapter 2 Maestro RR Configuration

To ensure proper functionality and seamless integration with your vehicle, Weblink Desktop must be installed before setting up the Maestro RR. This software is required for device configuration, firmware updates, data synchronization, and remote management.



1. Go to <https://www.weblinkupdater.com/weblinkdesktop/en> and download the Weblink Desktop software.

2. Initiate a new Weblink account or sign in to an existing one.



3. Establish a connection between the Maestro RR module and your computer via the USB cable included in the package, then proceed by selecting the “Maestro Flash Maestro” option.

4. Weblink Desktop will automatically recognize the connected Maestro RR module and present its corresponding details (e.g., serial number and current firmware version). Subsequently, select “FLASH BY VEHICLE” to proceed with the configuration process.

5. Specify the vehicle and car stereo information by entering the required details in the sequence outlined below:

1. SELECT YOUR YEAR
2014

2. SELECT YOUR MAKE
26 MAKES COVERED FOR 2014

☐ Acura	☐ Audi	☐ Buick	☐ Cadillac	☒ Chevrolet
☐ CHRYSLER	☐ DODGE	☐ Fiat	☐ Ford	☐ GMC
☐ Harley Davidson	☐ Honda	☐ Hyundai	☐ Infiniti	☐ Jeep
☐ KIA	☐ Lincoln	☐ Mazda	☐ Mitsubishi	☐ Nissan

Silverado 1500
☒ Long Box with 8" Radio (Does Not Retain OEM Amplifier)
☐ Standard/Short Box with 8" Radio (Does Not Retain OEM Amplifier)
☐ Long Box with 4.2" Radio (Does Not Retain OEM Amplifier)
☐ Standard/Short Box with 4.2" Radio (Does Not Retain OEM Amplifier)

Silverado 2500
☐ Without Factory Navigation
☐ With Factory Navigation

Silverado 3500
☐ Without Factory Navigation
☐ With Factory Navigation

① . Select the vehicle's production year and corresponding brand.

②. Select the appropriate vehicle model and configuration parameters.

SELECT YOUR STEERING WHEEL

With iPhone Buttons ☒ No Audio Buttons ☐

KENWOOD ☐ **Nakamichi** ☐ **OTHER** (Radios with button learning) ☒

Pioneer ☐ **Rockford Fosgate** ☐ **SONY** ☐

SOUNDSTREAM ☐ **Stinger** ☐ **VINLAND** ☐

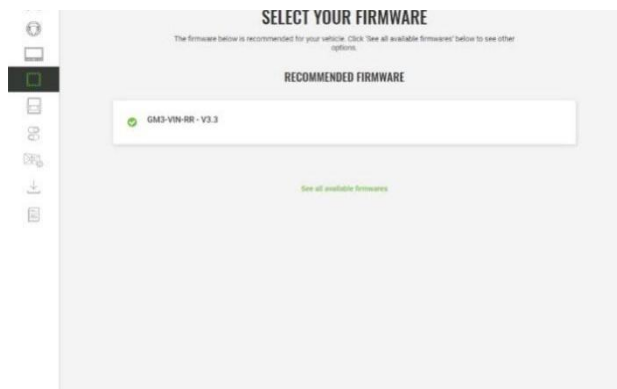
③. Select the appropriate steering wheel type for your vehicle.

④. Choose VINLAND as the designated brand of the car stereo.



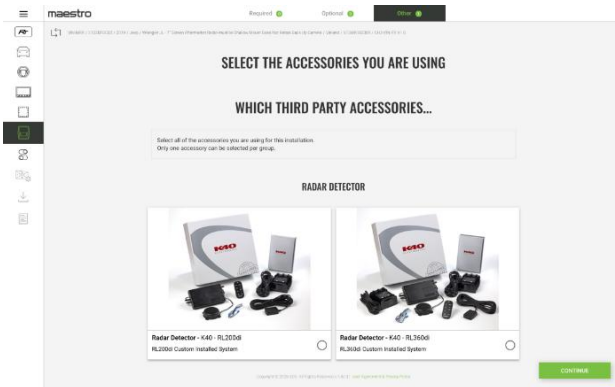
- ⑤. Select the exact model corresponding to the car stereo you have purchased.

Every car stereo carries a unique serial number—please locate and reference the one found on your car stereo.

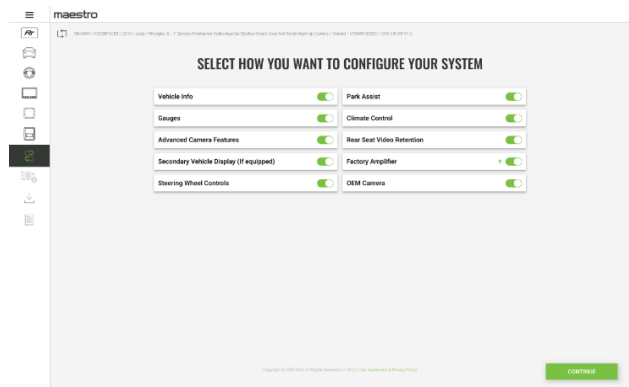


- ⑥. Enter the 8-digit serial number located on the rear of the car stereo. Please locate this number and input it as prompted.

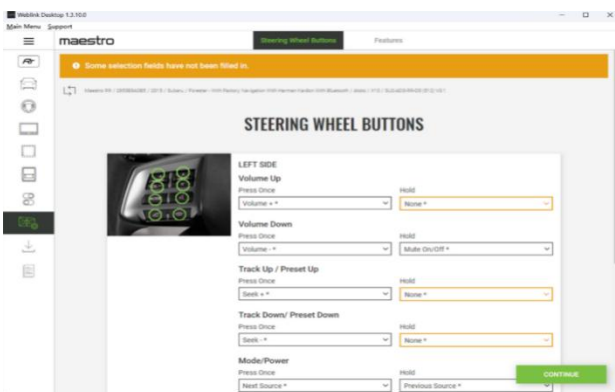
- ⑦. Select the correct firmware version from the available options.



6. Select the accessories currently in use.



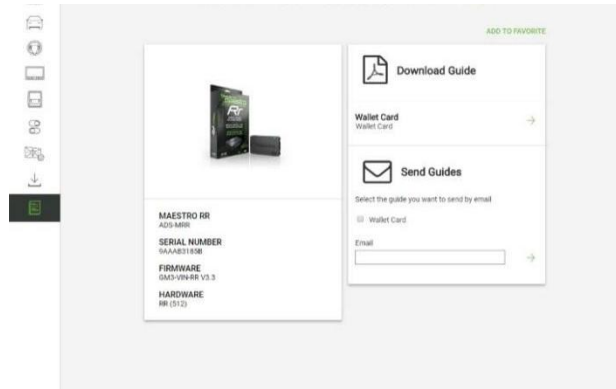
7. The system will automatically apply the recommended settings. If no adjustments are required, simply click “CONTINUE” to proceed to the next step.



8. The default steering wheel button functions will be displayed on the interface. If needed, adjust the button assignments according to user preferences and save the settings.

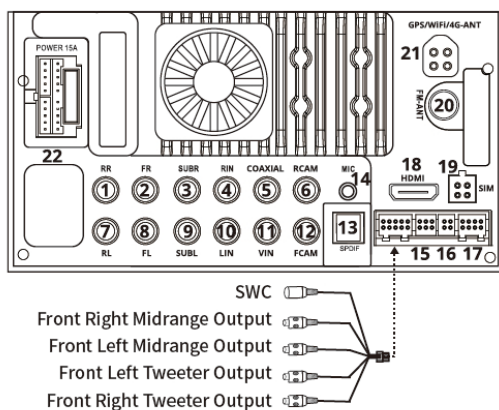


9. Verify the firmware version, user-defined settings, and vehicle or car stereo information. To begin updating the Maestro RR module, click “FLASH”. Ensure that neither the module nor the USB connection is interrupted during the process.



10. Once the firmware update is complete and the “Flash Successful” message appears, download the module’s installation guide and follow the remaining steps to complete the in-vehicle installation.

Chapter 3 Port Functions Overview



1. Rear Right Audio Output
2. Front Right Audio Output
3. Subwoofer Output Right
4. Right Channel Auxiliary Audio Input
5. Coaxial Output
6. Rear Camera Input
7. Rear Left Audio Out
8. Front Left Audio Out
9. Subwoofer Output Left
10. Left Channel Audio Input
11. Video Input
12. Front Camera Input
13. Optical SPDIF Output
14. Microphone Input
15. USB2 External Storage
16. USB1 Recording Storage
17. Rear Recording Camera Input
18. Front Recording Camera Input
19. HDMI Input
20. 4G LTE Adapter Interface
21. F-M-ANT-Radio Antenna input
22. 4-in-1 Antenna-4G/WiFi/GPS
22. Car Stereo Fuse

Chapter 4 Installation Process

1. Disassembly and Assembly

Chevrolet Silverado (2014–2019) and GMC Sierra (2014–2019) models may exhibit minor interior design variations across production years, such as differences in dashboard layout, audio system interfaces, or mounting configurations. Nevertheless, the overall disassembly procedure remains largely consistent. If uncertain, it is advisable to consult a qualified professional.

Part 1 Disassembly



Step 1

Switch off the vehicle's ignition.



Step 2

Use a plastic trim removal tool to carefully loosen and detach the factory car stereo bezel.



Step 3

Remove the four screws securing the car stereo in place. Then, carefully extract the car stereo and disconnect all rear connectors.



Step 4

Remove the climate control panel and set it aside for reinstallation onto the new car stereo panel.



Step 5

Remove the two bolts securing the CD player, disconnect its wiring harness, and carefully extract the car stereo.

Part 2 Cable Harness Connection

Refer to the detailed wiring instructions outlined below for the different configurations of the Chevrolet Silverado (2014–2019) and GMC Sierra (2014–2019).

Part 3 Assembly



Install the Vision car stereo along with its corresponding panel kit into the vehicle.

2. Cable Harness Connection

The following connection steps/methods are suitable for the vehicles listed below. Please ensure your vehicle matches the details provided before proceeding with installation:

Chevrolet Silverado

- 2014–2018 Silverado 1500 (4.2-inch and 8-inch radios)
- 2015–2019 Silverado 2500 and 3500 (4.2-inch and 8-inch radios)
- 2019 Silverado Classic (4.2-inch and 8-inch radios)

GMC Sierra

- 2014–2018 Sierra 1500 (4.2-inch and 8-inch radios)
- 2015–2019 Sierra 2500 and 3500 (4.2-inch and 8-inch radios)
- 2019 Sierra Classic (4.2-inch and 8-inch radios)

BEFORE CONNECTION

- **Determine Whether the Vehicle is Equipped with a BOSE Amplifier.**

Inspect the radio, door panels, or dashboard for any BOSE branding or badges that indicate the presence of a factory-installed BOSE amplifier.

If the vehicle **is not equipped with** a factory amplifier (refer to **[Figure 1]**):

Proceed with the installation following the wiring diagram without an amplifier.

If the vehicle **is equipped with** a factory amplifier (refer to **[Figure 2]**):

Proceed with the installation following the wiring diagram with an amplifier. Note that the factory amplifier **cannot be retained**—it must be bypassed and replaced with an aftermarket amplifier. Refer to the vehicle reference chart for wire color codes. *Bypass instructions are not included in this guide.*

Note: The factory amplifier must remain connected to power, ground, and data lines; failure to do so will result in the loss of functions such as park assist.

CONNECTION PROCESS

STEP 1

① Connect the **Main Harness** of the HRR-GM3 T-harness directly to the car stereo.

OR

② Connect the **HRR-GM3** harness to the **Power Adapter**. Then plug the other end of the Power Adapter into the aftermarket car stereo.

STEP 2

If the vehicle is equipped with an OEM backup camera:

- Connect the backup camera harness to the Human Machine Interface (HMI) module harness, located behind the glove box. Note: Parking guide lines from the OEM camera will not be retained.

Note: For vehicles equipped with a 4"

non-touchscreen OEM radio, an HMI module is not present. In this case, connect the RCA cable to the yellow 2-pin connector adjacent to the gray 20-pin plug on the GM3 harness.

STEP 3

- Connect the factory wiring harness to the HRR-GM3 T-harness.

STEP 4

- Insert the climate control connector from the HRR-GM3 T-harness into the corresponding port on the vehicle's climate control module.

STEP 5

- Plug the BLACK 3-pin male connector of

HRR-GM3 T-harness into the OBDII/SW control harness.

- Plug the OBDII connector into the OBDII of the vehicle.

STEP 6

If the vehicle is equipped with steering wheel controls:

- Remove steering column shroud.
- Locate the steering wheel control T-harness included with the HRR-GM3 harness.
- Configure the connectors as illustrated in the diagram.
- Plug the steering wheel control T-harness into the corresponding factory harness in the steering column. Unplug the factory connectors and insert the GM3's 10-pin harness between them.

STEP 7

- Insert the **Mini USB Adapter** into the designated port in the vehicle, and connect the other end to the **USB1** cable.

STEP 8

- Connect all applicable harnesses to the car stereo.
- Connect the **backup camera RCA cable** harness to the corresponding input on the

aftermarket stereo.

- Plug the **GM Radio Antenna Adapter** into the car stereo's **FM-ANT** port, and the other end into the vehicle's original radio port.

- Connect the **AUX Cable** as follows:

Two RCA plugs → Plug into the car stereo's **RIN** and **LIN** ports.

Other end → Plug into the 3.5mm audio jack of the **Audio Cable**.

- Plug the **USB1** cable into the appropriate USB port on the car stereo.

STEP 9

- Plug the **ADS Data Cable** of the **Power Adapter** into the Maestro RR module.

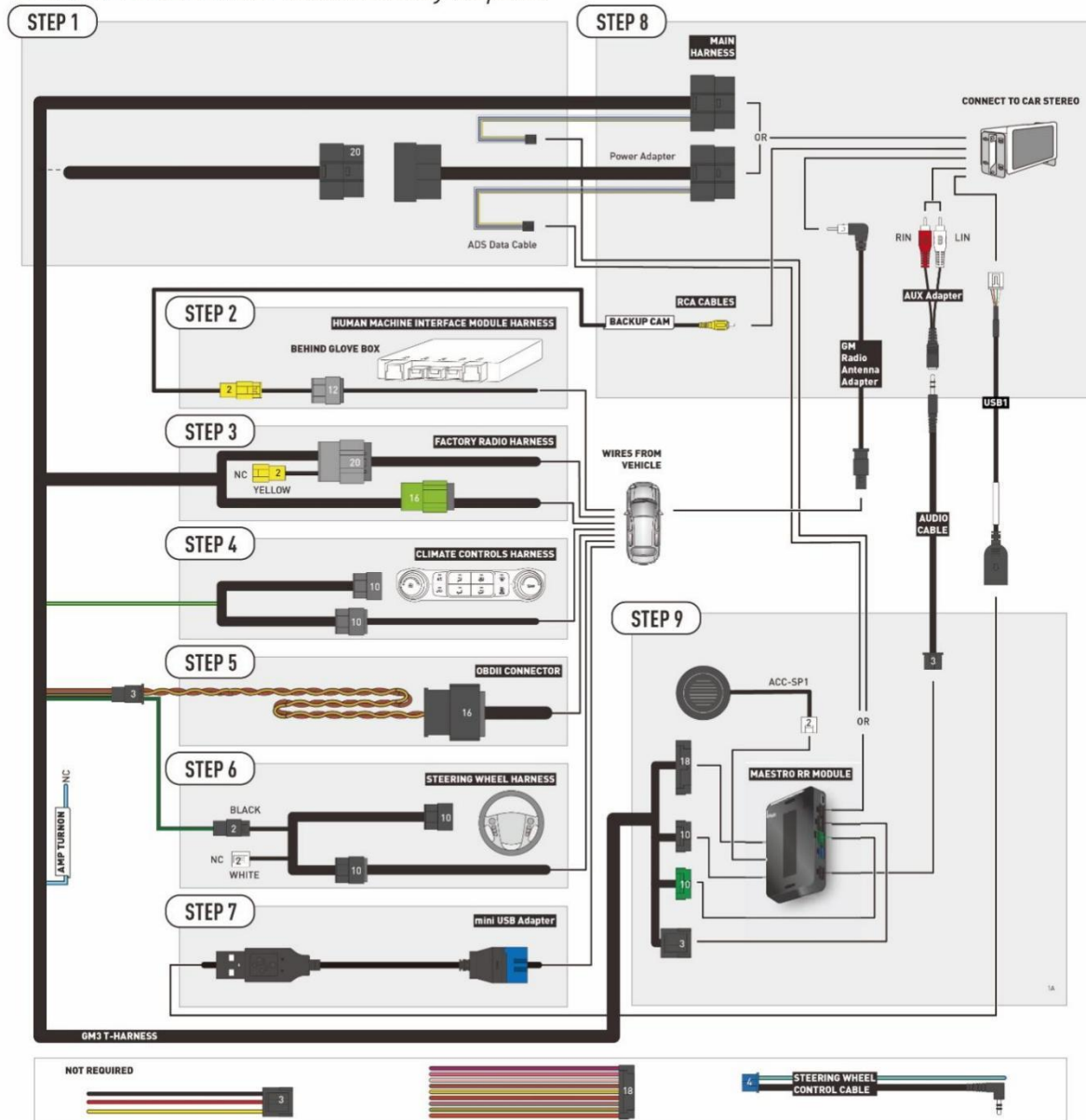
OR

Plug the data cable from the **Main Harness** to the Maestro RR module.

- Connect the other end of the **Audio Cable** to the Maestro RR module.
- Plug the ACC-SP1 Speaker into the Maestro RR module.
- Connect all the harnesses to the Maestro RR module, then test your installation.

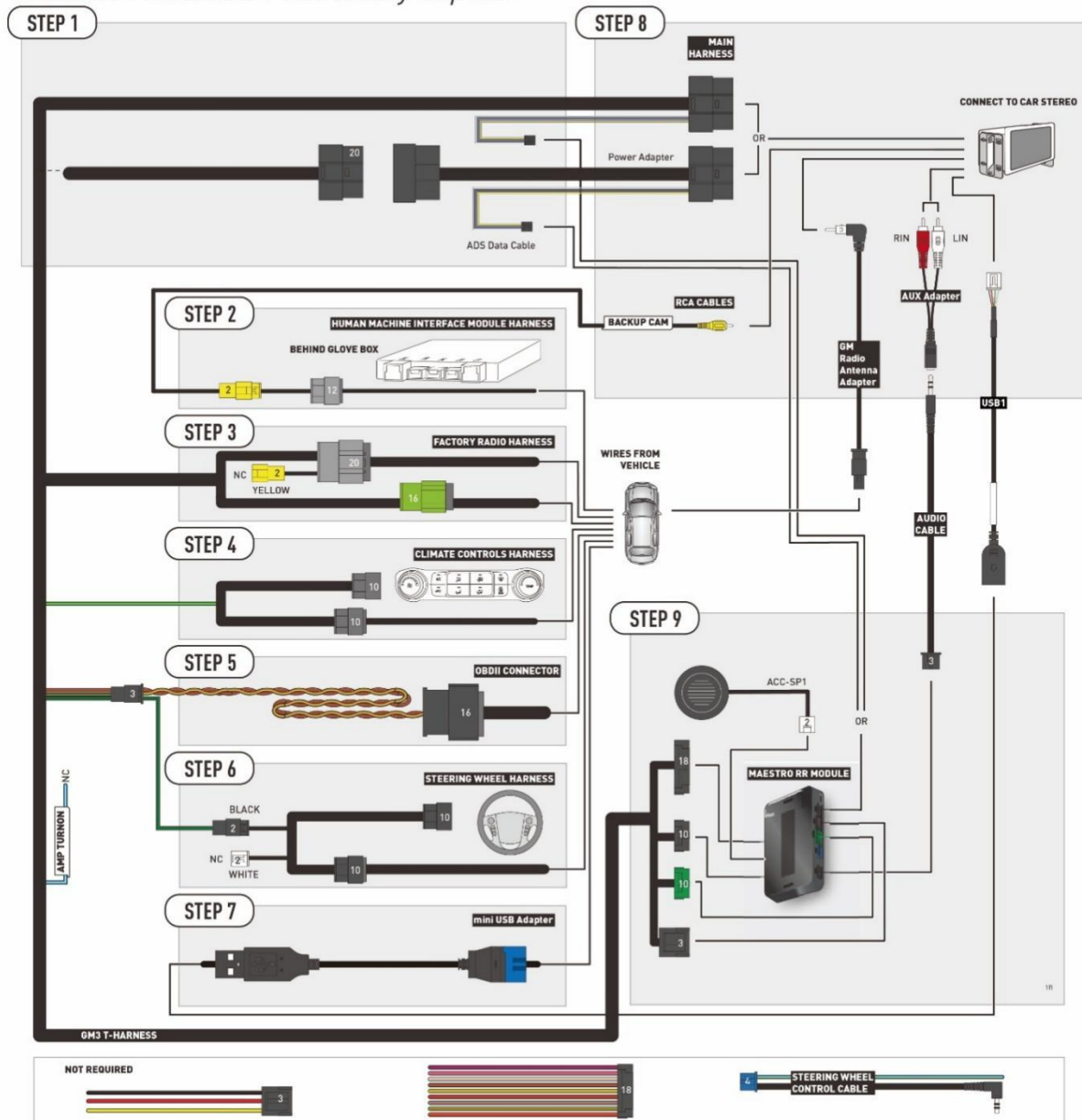
Note: To enable reverse camera functionality, the vehicle must be fully started and placed in reverse gear. Simply switching the ignition to the ON/RUN position is insufficient.

WIRING DIAGRAM *without factory amplifier*



[Figure 1] WIRING DIAGRAM WITHOUT FACTORY AMPLIFIER

WIRING DIAGRAM *with factory amplifier*



[Figure 2] WIRING DIAGRAM WITH FACTORY AMPLIFIER

3. 7" Screen Vehicle Cable Connection

The connection steps outlined below apply specifically to the vehicle models listed, equipped with a 7-inch display. Please verify that your vehicle matches these specifications before proceeding with installation.

Chevrolet Silverado:

- 1500: 2016–2018
- 2500: 2016–2019
- 3500: 2016–2019
- Classic: 2019

GMC Sierra:

- 1500: 2016–2018
- 2500: 2016–2019
- 3500: 2016–2019
- Classic: 2019

Connection Process

STEP 1

- ① Connect the **Main Harness** of the HRR-GM4 T-harness directly to the aftermarket car stereo.

OR

- ② Connect the **HRR-GM4 harness** to the **Power Adapter**. Then connect the other end of the Power Adapter to the aftermarket car stereo.

STEP 2

- Connect the vehicle's factory harness to the GM4 T-harness.

STEP 3

- Plug the climate control connector of the GM4 T-harness into the corresponding climate control interface on the vehicle.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under the driver's side dash.

STEP 5

- Plug the **Mini USB Adapter** into vehicle, and the other end into the **USB1** cable.

STEP 6

- Plug the harnesses into the car stereo.
- Connect the backup camera **RCA cable** harness to the aftermarket radio.
- Plug the **GM Radio Antenna Adapter** into the car stereo's **FM-ANT** port, and the other end into the vehicle's original radio port.
- Connect the **AUX Cable** as follows:
Two RCA plugs → Plug into the car stereo's **RIN** and **LIN** ports.
Other end → Plug into the 3.5mm audio jack of the **Audio Cable**.
- Plug the **USB1** cable into the car stereo.

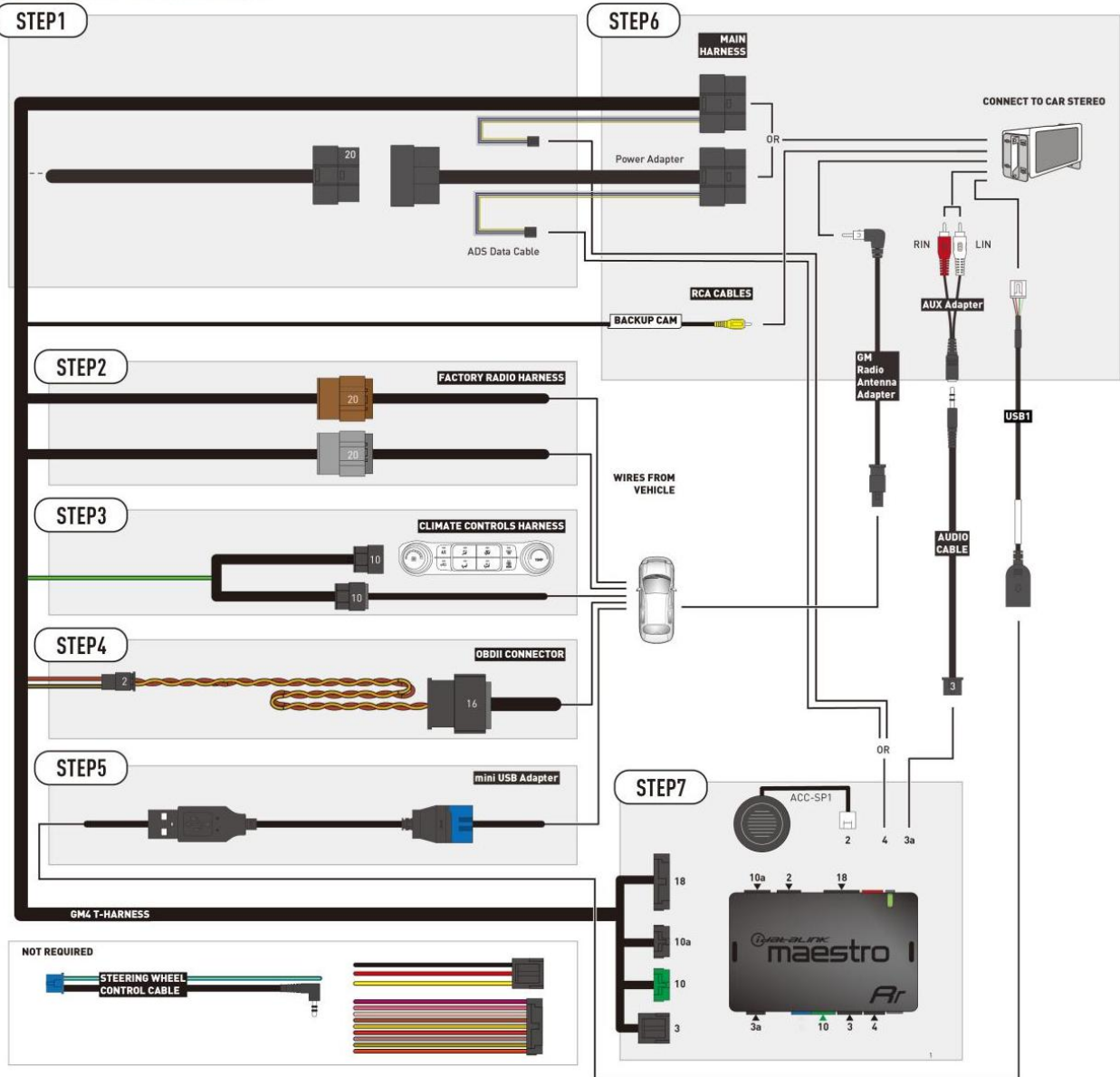
STEP 7

- Connect the ACC-SP1 speaker to the Maestro module.
 - Connect the HRR-GM4 harness to the Maestro RR module.
 - Connect the ADS Data Cable of the Power Adapter to the Maestro RR module.
- Or

- Connect the ADS Data Cable of the Main Harness to the Maestro RR module.
- Then test your installation.

Note: The vehicle must be fully started and placed in reverse gear for the reverse camera to operate. The reverse camera will not function if the ignition is in the ON/RUN position only.

WIRING DIAGRAM



[Connection Diagram of 7" Screen]

Chapter 5 Troubleshooting Table

Before contacting technical support, please refer to the troubleshooting table below. It can help you quickly resolve many common issues.

IMPORTANT SAFETY WARNINGS:

- **Disconnect Power:** Always disconnect the vehicle's negative battery terminal and wait at least 5 minutes before handling any wiring to ensure the system is fully powered down.
- **Professional Installation Recommended:** To prevent damage to the device or vehicle, and to avoid personal injury, disassembly or repair should only be performed by a qualified technician.
- **Verify Compatibility:** Ensure all components—including the antenna, wiring harness, car stereo and firmware—are fully compatible with your specific vehicle model and regional standards.

No.	Problem	Solution
1	GPS signal reception issues	Check that the GPS antenna is securely connected. The recommended position is on the interior of the vehicle's A-pillar.
		GPS functionality may be limited in signal-obstructed environments. Please avoid parking your vehicle in places such as underground garages, mountainous areas, or other areas with poor signal reception.
2	No rearview image or failure to switch to rearview	Verify proper connection of the reverse detection wire and camera harness. Ensure all connections are secure and correctly seated.

3	The car stereo fails to power on	Verify that the B+ (constant 12V), ACC (ignition signal), and chassis ground wires are securely and correctly terminated. Use a multimeter to confirm that the voltage at the B+ and ACC terminals is within the operational range of 9V-16V. Incorrect wiring connection can lead to abnormal voltage readings, and prevent the stereo from powering on. If no voltage is detected on B+ or ACC, inspect the power supply circuit. Check the power cables for any visible damage or loose connections and verify the integrity of the fuse. If no voltage is present at the ACC terminal: (1) Verify that the ADS protocol module is properly connected to the computer. (2) Flash the module using software configured for the vehicle model. (3) Confirm that all wiring connections comply with the vehicle-specific installation manual.
4	Protocol communication malfunction	Connect the ADS interface module to the computer and ensure that the configuration matches the specific vehicle model. Then, flash the module using the appropriate software and a valid authorized serial number.

		Verify that all wiring connections align with the dedicated installation manual. Check for any loose or improperly seated connectors.
5	Car stereo and mobile device pairing failure	Verify if the mobile device is connected to other Bluetooth devices. If so, unpair all other devices to prevent signal interference.
		Verify cellular signal strength and network connectivity.
6	Touchscreen clock desynchronized from actual time	Verify the network connectivity.
		Verify that the location settings in the car stereo are correctly configured.
7	Dynamic guidelines move opposite to the steering direction in the backup camera view	Access the V-Control interface and adjust the Trajectory Settings configuration.