



## HOW TO USE THIS INSTALL GUIDE

- 1** Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.
- 2** Print only the pages for your vehicle using the advanced options in the Print menu.
- 3** Install your Maestro RR according to the guide for your vehicle.

## WARNING

Pressing the printer icon or “quick printing” this document will print all of the guides in this compilation.

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, BACKUP CAMERA, OEM SATELLITE ANTENNA AND MORE!



HEAD UNIT  
ADAPTER READY



## PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface  
iDatalink Maestro R8 Dash Kit

**PROGRAMMED FIRMWARE:** ADS-RR(SR)-AUD1-DS

# WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

**Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.**

# NEED HELP?

 1 866 427-2999

 [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

# ACCESSORIES AND ADDITIONAL INFORMATION

## OPTIONAL ACCESSORIES



Click here for:  
[Radar Installation Guides](#)

**HEAD UNIT ADAPTER:**  
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

SXV300 Satellite radio tuner

## ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

<a href="#">VIDEO HELP</a>		Installation, product information, vehicle specific videos.
<a href="#">VERIFY FLASH</a>		Last flash information, steering control configuration, vehicle information.
<a href="#">WEBLINK</a>		Software to program module.

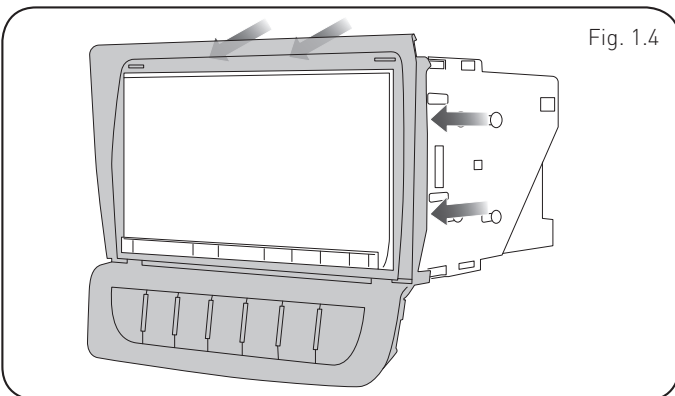
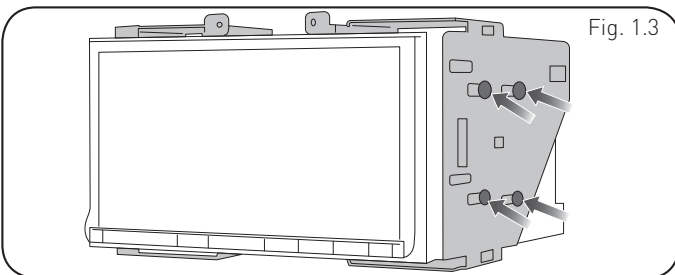
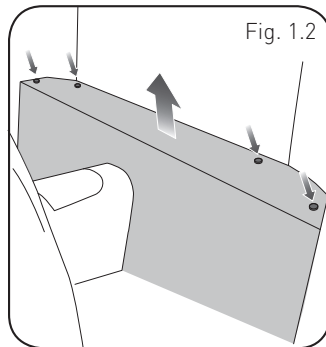
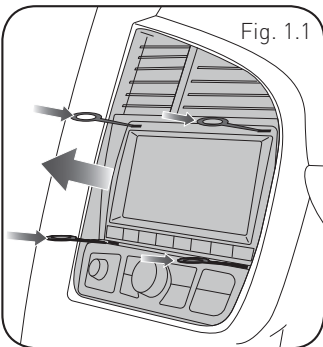
# INSTALLATION INSTRUCTIONS P1/1

## DISASSEMBLY

1. Using the supplied radio keys, insert into 4 slots on radio and remove the factory radio, then disconnect the wiring harness and antenna connections. (1.1)
2. Slide both driver and passenger seats to the forward most position. Remove the four (4) 9mm bolts securing rear trim panel and remove the panel. (1.2)

## DASH KIT ASSEMBLY

3. Unbox the aftermarket radio. Install the metal brackets provided with the R8 kit to the aftermarket radio using the screws supplied with the aftermarket radio. (1.3)
4. Place R8 Bezel onto the radio and secure it with the six (6) Phillips screws provided with the kit. (1.4)



## MAKE CONNECTIONS

1. **If using head unit adapter (sold separately), connect HRR-R8 harness to adapter and skip to step 2.**
  - Locate the aftermarket radio main harness.
  - Cut and remove the black 20 pin connector from the HRR-R8 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-R8 T-harness and match the wire functions.

**Note:** only connect purple/white wire to radio reverse input or module damage will occur.

2. Route the supplied reverse camera extension cable along the center console to the reverse camera module. Disconnect the reverse camera feed from the module and connect it to the camera extension cable.

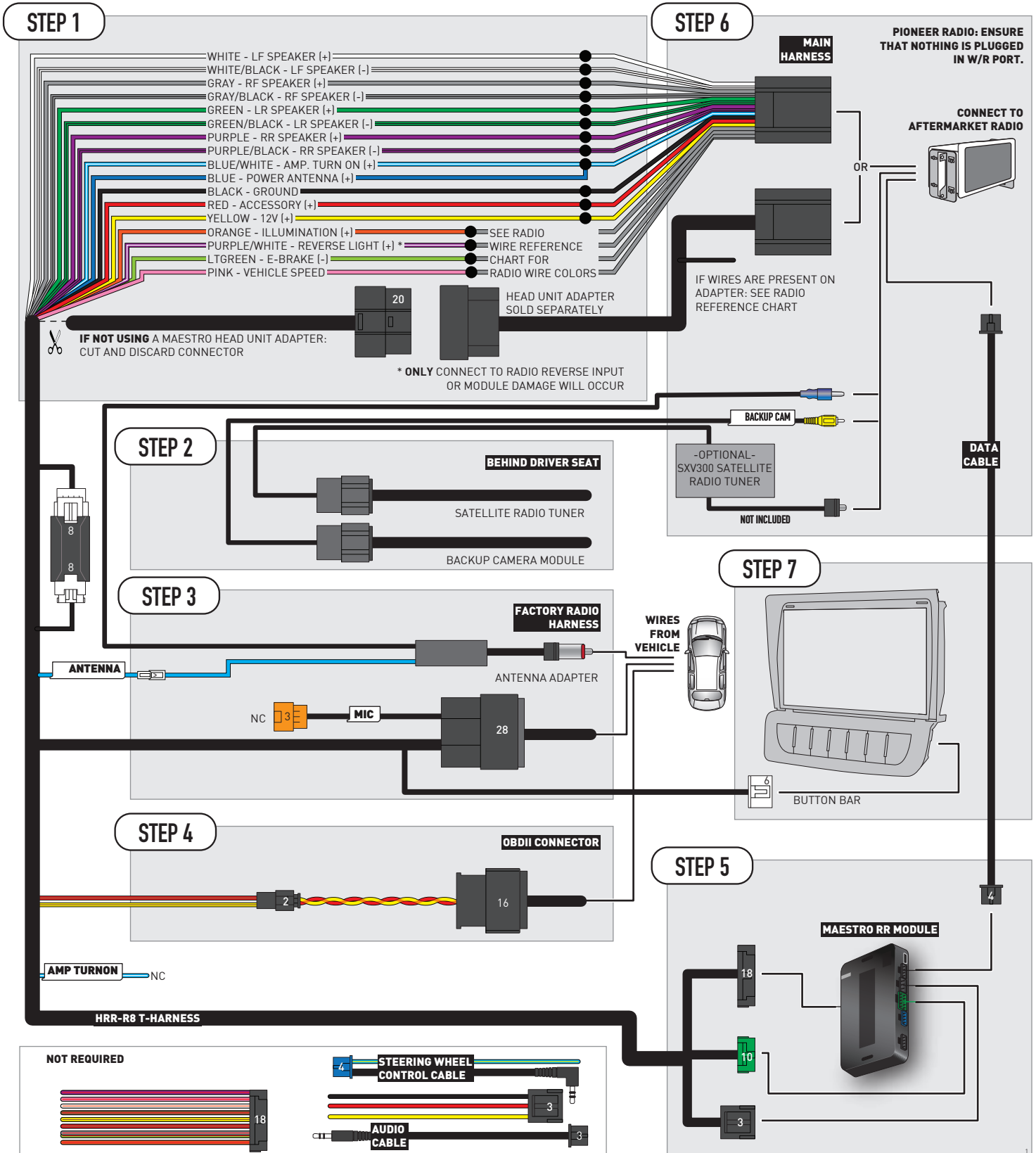
**(Optional)** the KIT-R8 includes a satellite radio antenna extension. This is only needed if you are installing the aftermarket SXV300 radio tuner. Run extension along center console to satellite radio module and disconnect from OEM module and plug antenna into extension.

3. Connect the R8 T-harness to the factory harness.
  - Plug in the supplied antenna adapter to the factory antenna cable and connect the blue wire on the adapter to the blue wire on the R8 T-harness.
4. Route the OBD2 harness to the OBD2 connector located above the gas and brake pedals.
5. Connect all the harnesses to the Maestro RR module.
6. Plug the harnesses into the aftermarket radio.
  - Plug the backup camera RCA cable, the antenna adapter, USB cables, microphone and the 4-pin Data cable.

**Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.**

7. Plug in six (6) pin connector to R8 button bar, after checking for proper operation of install, press radio into dash cavity making sure the locking tabs snap into place

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

R8 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

\* Reverse light wire: Only connect to radio or module damage will occur.

# MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, <b>when a steering wheel button is pressed</b> : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.  If anything else is connected to the OBD2 or CAN wires of vehicle (programmer, throttle controller, insurance tracker, etc.) try unplugging it to see if gauges work. If gauges work without it installed, call tech support for options.  Reset the RR.
The light on the Maestro is blinking <b>RED TWICE</b> and the radio <b>IS</b> turning on.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.  Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking <b>RED TWICE</b> but radio <b>is NOT</b> turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

**IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.**