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.

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
INSTALL GUIDE

CHEVROLET COLORADO

2015-2018

RETAINS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM3 Installation Harness

PROGRAMMED FIRMWARE
ADS-RR(SR)-GMS03-DS

OPTIONAL ACCESSORIES
Click here for:
Radar Integration Installation Guide
Radar Integration Owner’s Guide for Kenwood and JVC Radios

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
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

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

• Determine if the vehicle has a Bose amplifier. Look for badges on the radio, door panels, and dash that indicate that the vehicle has Bose.

If the vehicle DOES NOT have a factory amplifier:
complete the installation as shown in the wiring diagram without an amplifier.

If the vehicle DOES have a factory amplifier:
complete the installation as shown in the wiring diagram with an amplifier. The amplifier cannot be retained; it must be bypassed or replaced with an aftermarket amplifier. See the vehicle reference chart for wire colors; bypass instructions are not included.

• Remove the factory radio.

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

• If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located at the bottom of the radio cavity. Note: The guide lines of the backup camera will not be retained.

STEP 3

• Connect the factory harness to the GM3 T-harness.

STEP 4

Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

• Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

STEP 6

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

If the vehicle DOES have steering wheel controls:

• Remove steering column shroud.
• Locate the steering wheel control wire in the GM3 steering wheel harness. Cut the GREEN/BLACK wire and splice it into pin 9.
• Plug the steering wheel control T-harness into the harness at the steering wheel [steering wheel connector located at top of steering column].

STEP 7

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Connect the backup camera RCA cable harness into the aftermarket radio.
• Plug the Data cable to the data port of the aftermarket radio.
• Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

STEP 8

• Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:

• To reset the module back its factory settings, 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.
• For technical assistance call 1-866-427-2999 or e-mail “support@idatalink.com”. Visit us at “maestro.idatalink.com/support” and “www.12voltdata.com/forum/”
WIRING DIAGRAM without an Amplifier

STEP 1

- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TUREN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LITEGREN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- PINK - VEHICLE SPEED
- GREEN/BLACK - FOOT BRAKE

STEP 2

HUMAN MACHINE INTERFACE MODULE HARNESS

BOTTOM OF RADIO CAVITY

STEP 3

FACTORY RADIO HARNESS

STEP 4

CLIMATE CONTROLS HARNESS

STEP 5

OBDII CONNECTOR

STEP 6

STEERING WHEEL HARNESS

CUT GREEN/BLACK WIRE AND SPLICE IT TO PIN 9 WIRE

STEP 7

MAIN HARNESS

CONNECT TO AFTERMARKET RADIO

STEP 8

SPEAKER

GM3 T-HARNESS

BACKUP CAM

WIRING DIAGRAM WITH NO AMPLIFIER
**WIRING DIAGRAM with an Amplifier**

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- GREEN/BLACK - AMP. TURN ON (+)
- WHITE/BLACK - LF SPEAKER (-)

**STEP 2**
Bottom of radio cavity

**STEP 3**
Factory radio harness

**STEP 4**
Climate controls harness

**STEP 5**
OBDII connector

**STEP 6**
Steering wheel harness
- CUT GREEN/BLACK WIRE AND SPLICE IT TO PIN 9 WIRE

**STEP 7**
Main harness

**STEP 8**
Connect to aftermarket radio

---

*DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP.*

See amplifier bypass information in vehicle wire chart.
### RADIO WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Polarity</th>
<th>Wire Color on Maestro T-Harness</th>
<th>Wire Color on Alpine cable</th>
<th>Wire Color on Kenwood cable</th>
<th>Wire Color on Pioneer cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>(+)</td>
<td>Orange</td>
<td>N/A</td>
<td>Orange/White</td>
<td>Orange/White</td>
</tr>
<tr>
<td>Reverse Light</td>
<td>(+)</td>
<td>Purple/White</td>
<td>Orange/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
</tr>
<tr>
<td>E-Brake</td>
<td>(-)</td>
<td>Lt Green</td>
<td>Yellow/Blue</td>
<td>Lt Green</td>
<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake</td>
<td>(+)</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS (vehicle speed sensor)</td>
<td>[DATA]</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>Pink</td>
</tr>
</tbody>
</table>
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Gray/Black (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>02</td>
<td>Yellow (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
<td>Yellow/Black (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>03</td>
<td>DkBlue (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>07</td>
<td>Brown/DkBlue (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>04</td>
<td>Brown/LtGreen (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>12</td>
<td>Purple/Brown (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>05</td>
<td>Yellow/DkBlue (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>13</td>
<td>Yellow/Gray (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>06</td>
<td>White (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>14</td>
<td>DkBlue/Black (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>LR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>07</td>
<td>LtGreen (+)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
<tr>
<td>LR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>15</td>
<td>LtGreen/Black (-)</td>
<td>Amplifi</td>
<td>in dashboard, to the right of the glove box</td>
</tr>
</tbody>
</table>

### AMPLIFIER CONNECTORS (WIRE SIDE)

![Amplifier Connectors Diagram]
INSTALL GUIDE
CHEVROLET SILVERADO 1500
WITH 4.2" AND 8" RADIOS
2014-2018
RETAINS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM3 Installation Harness

PROGRAMMED FIRMWARE
ADS-RR(SR)-GMS03-DS

OPTIONAL ACCESSORIES
Click here for:
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TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Installation Instructions</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiring Diagram without an Amplifier</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram with an Amplifier</td>
<td>5</td>
</tr>
<tr>
<td>Radio Wire Reference Chart</td>
<td>6</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>7</td>
</tr>
</tbody>
</table>

CHEVROLET SILVERADO 1500 WITH 4.2” AND 8” RADIOS 2014-2018
INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

• Determine if the vehicle has a Bose amplifier. Look for badges on the radio, door panels, and dash that indicate that the vehicle has Bose.

If the vehicle DOES NOT have a factory amplifier:
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• Remove the factory radio.

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

• If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3

• Connect the factory harness to the GM3 T-harness.

STEP 4

• Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

• Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

STEP 6

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

STEP 7

• Remove steering column shroud.
• Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at bottom of steering column).

STEP 8

• Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:

• To reset the module back its factory settings, 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.

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WIRING DIAGRAM without an Amplifier

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- GREEN/WHITE - CHIME (+)
- PINK - VEHICLE SPEED
- YELLOW/BLACK - FOOT BRAKE
- PURPLE/WHITE - REVERSE LIGHT (+)
- ORANGE - ILLUMINATION (+)

**STEP 2**
- HUMAN MACHINE INTERFACE MODULE HARNESS
- BEHIND GLOVE BOX

**STEP 3**
- FACTORY RADIO HARNESS

**STEP 4**
- CLIMATE CONTROLS HARNESS

**STEP 5**
- OBDII CONNECTOR

**STEP 6**
- STEERING WHEEL HARNESS
- GM3 T-HARNESS

**STEP 7**
- MAIN HARNESS
- CONNECT TO AFTERMARKET RADIO
- BACKUP CAM
- RCA CABLES

**STEP 8**
- SPEAKER
- RADIO WIRE COLORS
- FACTORY RADIO HARNESS
- WIRING DIAGRAM without an Amplifier

See Radio Wire Reference Chart for Radio Wire Colors
WIRING DIAGRAM with an Amplifier

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- PINK - VEHICLE SPEED
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- WHITE/BLACK - LF SPEAKER (-)
- WHITE - LF SPEAKER (+)

DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.

**STEP 2**
HUMAN MACHINE INTERFACE MODULE HARNESS
BEHIND GLOVE BOX

**STEP 3**
FACTORY RADIO HARNESS

**STEP 4**
CLIMATE CONTROLS HARNESS

**STEP 5**
OBDII CONNECTOR

**STEP 6**
STEERING WHEEL HARNESS

**STEP 7**
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
BACKUP CAM
WIRING DIAGRAM with an Amplifier

**STEP 8**
SPEAKER
MAESTRO RR MODULE
MAESTRO RR MODULE

GM3 T-HARNESS
WIRES FROM VEHICLE
BEHIND GLOVE BOX
FACTORY RADIO HARNESS
CLIMATE CONTROLS HARNESS
OBDII CONNECTOR
STEERING WHEEL HARNESS
HUMAN MACHINE INTERFACE MODULE HARNESS

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE
PINK - VEHICLE SPEED
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
WHITE/BLACK - LF SPEAKER (-)
WHITE - LF SPEAKER (+)

DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.

WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE
PINK - VEHICLE SPEED
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
WHITE/BLACK - LF SPEAKER (-)
WHITE - LF SPEAKER (+)

DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.
# RADIO WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Polarity</th>
<th>Wire Color on Maestro T-Harness</th>
<th>Wire Color on Alpine cable</th>
<th>Wire Color on Kenwood cable</th>
<th>Wire Color on Pioneer cable</th>
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</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>(+)</td>
<td>Orange</td>
<td>N/A</td>
<td>Orange/White</td>
<td>Orange/White</td>
</tr>
<tr>
<td>Reverse Light</td>
<td>(+)</td>
<td>Purple/White</td>
<td>Orange/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
</tr>
<tr>
<td>E-Brake</td>
<td>(-)</td>
<td>Lt Green</td>
<td>Yellow/Blue</td>
<td>Lt Green</td>
<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake</td>
<td>(+)</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS (vehicle speed sensor)</td>
<td>[DATA]</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>Pink</td>
</tr>
</tbody>
</table>
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray</td>
<td>+</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Gray/Black</td>
<td>-</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>02</td>
<td>Yellow</td>
<td>+</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
<td>Yellow/Black</td>
<td>-</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>03</td>
<td>DkBlue</td>
<td>+</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>07</td>
<td>Brown/DkBlue</td>
<td>-</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>04</td>
<td>Brown/LtGreen</td>
<td>+</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>12</td>
<td>Purple/Brown</td>
<td>-</td>
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<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>05</td>
<td>Yellow/DkBlue</td>
<td>+</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
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<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>13</td>
<td>Yellow/Gray</td>
<td>-</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>06</td>
<td>White</td>
<td>+</td>
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<td>16 pin</td>
<td>14</td>
<td>DkBlue/Black</td>
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<td></td>
<td></td>
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<td>LtGreen</td>
<td>+</td>
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<td></td>
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<td>15</td>
<td>LtGreen/Black</td>
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### AMPLIFIER CONNECTORS (WIRE SIDE)

![Amplifier Connectors Diagram]
INSTALL GUIDE

CHEVROLET SILVERADO 2500 & 3500
WITH 4.2" AND 8" RADIOS
2015-2018

RETTAINS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM3 Installation Harness

PROGRAMMED FIRMWARE
ADS-RR(SR)-GMS03-DS

OPTIONAL ACCESSORIES
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WELCOME

Congratulations on the purchase of your iDatlink 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 iDatlink 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?

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support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>3</td>
</tr>
<tr>
<td>Wiring Diagram without an Amplifier</td>
<td>4</td>
</tr>
<tr>
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<td>5</td>
</tr>
<tr>
<td>Radio Wire Reference Chart</td>
<td>6</td>
</tr>
<tr>
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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- Determine if the vehicle has a Bose amplifier. Look for badges on the radio, door panels, and dash that indicate that the vehicle has Bose.

If the vehicle DOES NOT have a factory amplifier:
complete the installation as shown in the wiring diagram without an amplifier.

If the vehicle DOES have a factory amplifier:
complete the installation as shown in the wiring diagram with an amplifier. The amplifier cannot be retained; it must be bypassed or replaced with an aftermarket amplifier. See the vehicle reference chart for wire colors; bypass instructions are not included.

- Remove the factory radio.

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3

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

STEP 4

Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

- Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

STEP 6

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

- Remove steering column shroud.
- Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at bottom of steering column).

STEP 7

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable harness into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

STEP 8

- Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, 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.
- For technical assistance call 1-866-427-2999 or e-mail “support@idatalink.com”. Visit us at “maestro.idatalink.com/support” and “www.12voltdata.com/forum/”
WIRING DIAGRAM without an Amplifier

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- PINK - VEHICLE SPEED
- WHITE/BLACK - FOOT BRAKE
- GREEN/BLACK - FOOT BRAKE
- MAESTRO RR MODULE
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
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- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- PINK - VEHICLE SPEED
- WHITE/BLACK - FOOT BRAKE
- GREEN/BLACK - FOOT BRAKE
- GM3 T-HARNESS

**STEP 2**
- HUMAN MACHINE INTERFACE MODULE HARNESS
  - BEHIND GLOVE BOX

**STEP 3**
- FACTORY RADIO HARNESS

**STEP 4**
- CLIMATE CONTROLS HARNESS

**STEP 5**
- OBDII CONNECTOR

**STEP 6**
- STEERING WHEEL HARNESS

**STEP 7**
- CONNECT TO AFTERMARKET RADIO

**STEP 8**
- SPEAKER
WIRING DIAGRAM with an Amplifier

STEP 1
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLACK - GROUND
- RED - ACCESSORY (+)
- ORANGE - ILLUMINATION (+)
- YELLOW - 12V (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- PINK - VEHICLE SPEED
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE/WHITE - REVERSE LIGHT (+)
- BLU/WHITE - AMP. TURN ON (+)
- ORANGE - ILLUMINATION (+)

STEP 2
- HUMAN MACHINE INTERFACE MODULE HARNESS
- BEHIND GLOVE BOX

STEP 3
- FACTORY RADIO HARNESS

STEP 4
- CLIMATE CONTROLS HARNESS

STEP 5
- OBDII CONNECTOR

STEP 6
- STEERING WHEEL HARNESS

STEP 7
- MAIN HARNESS
- BACKUP CAM
- RCA CABLES

STEP 8
- SPEAKER
- MAESTRO RR MODULE
- DATA CABLE
- AUDIO CABLE

DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLACK - GROUND
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ORANGE - ILLUMINATION (+)
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WHILE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLACK - GROUND
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GREEN/BLACK - LR SPEAKER (-)
PURPLE/WHITE - REVERSE LIGHT (+)
BLU/WHITE - AMP. TURN ON (+)
ORANGE - ILLUMINATION (+)
# Radio Wire Reference Chart

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Polarity</th>
<th>Wire Color on Maestro T-Harness</th>
<th>Wire Color on Alpine cable</th>
<th>Wire Color on Kenwood cable</th>
<th>Wire Color on Pioneer cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>(+)</td>
<td>Orange</td>
<td>N/A</td>
<td>Orange/White</td>
<td>Orange/White</td>
</tr>
<tr>
<td>Reverse Light</td>
<td>(+)</td>
<td>Purple/White</td>
<td>Orange/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
</tr>
<tr>
<td>E-Brake</td>
<td>(-)</td>
<td>Lt Green</td>
<td>Yellow/Blue</td>
<td>Lt Green</td>
<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake</td>
<td>(+)</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS (vehicle speed sensor)</td>
<td>[DATA]</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>Pink</td>
</tr>
</tbody>
</table>
**VEHICLE WIRE REFERENCE CHART**

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray</td>
<td>[-]</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Gray/Black</td>
<td>[-]</td>
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</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>02</td>
<td>Yellow</td>
<td>[-]</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
<td>Yellow/Black</td>
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<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>03</td>
<td>DkBlue</td>
<td>[-]</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
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<tr>
<td>LF Speaker</td>
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<td></td>
<td>8 pin</td>
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<td>Brown/DkBlue</td>
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<td>04</td>
<td>Brown/LtGreen</td>
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</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
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<td></td>
<td>16 pin</td>
<td>12</td>
<td>Purple/Brown</td>
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**AMPLIFIER CONNECTORS (WIRE SIDE)**

![Amplifier Connector Diagram]
PROGRAMMED FIRMWARE
ADS-RR(SR)-GMS03-DS

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TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Installation Instructions</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiring Diagram without an Amplifier</td>
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- Remove the factory radio.

STEP 1
- Unbox the aftermarket radio and locate its main harness.
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STEP 2
- If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3
- Connect the factory harness to the GM3 T-harness.

STEP 4
- Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5
- Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

STEP 6
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 7
- Remove steering column shroud.
- Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at bottom of steering column).

STEP 8
- Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:
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- GRAY - RF SPEAKER (+)
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- GREEN - LR SPEAKER (+)
**WIRING DIAGRAM with an Amplifier**

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLACK - GROUND
- RED - ACCESSORY (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- YELLOW - 12V (+)
- RED - ACCESSORY (+)
- BLUE/WHITE - AMP. TURN ON (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- WHITE/BLACK - LF SPEAKER (-)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE/BLACK - RR SPEAKER (-)

DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.

**STEP 2**
- HUMAN MACHINE INTERFACE MODULE HARNESS
  - BEHIND GLOVE BOX

**STEP 3**
- FACTORY RADIO HARNESS

**STEP 4**
- CLIMATE CONTROLS HARNESS

**STEP 5**
- OBDII CONNECTOR

**STEP 6**
- STEERING WHEEL HARNESS

**STEP 7**
- MAIN HARNESS
- RCA CABLES
- CONNECT TO AFTERMARKET RADIO
- WIRE CHART

**STEP 8**
- SPEAKER
- DATA CABLE
- AUDIO CABLE
- MAESTRO RR MODULE
- WIRING DIAGRAM for an Amplifier with a Factory Radio Harness

- GM3 T-HARNESS
### RADIO WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Polarity</th>
<th>Wire Color on Maestro T-Harness</th>
<th>Wire Color on Alpine cable</th>
<th>Wire Color on Kenwood cable</th>
<th>Wire Color on Pioneer cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination (+)</td>
<td>Orange</td>
<td>N/A</td>
<td>Orange/White</td>
<td>Orange/White</td>
<td>Orange/White</td>
</tr>
<tr>
<td>Reverse Light (+)</td>
<td>Purple/White</td>
<td>Orange/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
</tr>
<tr>
<td>E-Brake (-)</td>
<td>Lt Green</td>
<td>Yellow/Blue</td>
<td>Lt Green</td>
<td>Lt Green</td>
<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake (+)</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS [vehicle speed sensor] [DATA]</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>Pink</td>
<td></td>
</tr>
</tbody>
</table>

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ADS-RR(SR)-GMS03-DS maestro.idatalink.com

CHEVROLET SUBURBAN 2015-2018
## VEHICLE WIRE REFERENCE CHART

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<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray</td>
<td>[+]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Gray/Black</td>
<td>[-]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>02</td>
<td>Yellow</td>
<td>[+]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
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<td>[-]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>03</td>
<td>DkBlue</td>
<td>[+]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>07</td>
<td>Brown/DkBlue</td>
<td>[-]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>04</td>
<td>Brown/LtGreen</td>
<td>[+]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>12</td>
<td>Purple/Brown</td>
<td>[-]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>05</td>
<td>Yellow/DkBlue</td>
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<td>[-]</td>
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<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>06</td>
<td>White</td>
<td>[+]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>14</td>
<td>DkBlue/Black</td>
<td>[-]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>07</td>
<td>LtGreen</td>
<td>[+]</td>
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</tr>
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<td>LR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>15</td>
<td>LtGreen/Black</td>
<td>[-]</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
</tbody>
</table>

### AMPLIFIER CONNECTORS (WIRE SIDE)

![Connector Diagram]
INSTALL GUIDE

CHEVROLET TAHOE

2015-2018

RETAINS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM3 Installation Harness

OPTIONAL ACCESSORIES
Click here for:
Radar Integration Installation Guide
Radar Integration Owner’s Guide for Kenwood and JVC Radios

PROGRAMMED FIRMWARE
ADS-RR(SR)-GMS03-DS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
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

support@idatalink.com

maestro.idatalink.com/support
www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- Determine if the vehicle has a Bose amplifier. Look for badges on the radio, door panels, and dash that indicate that the vehicle has Bose.

If the vehicle DOES NOT have a factory amplifier:
complete the installation as shown in the wiring diagram without an amplifier.

If the vehicle DOES have a factory amplifier:
complete the installation as shown in the wiring diagram with an amplifier. The amplifier cannot be retained; it must be bypassed or replaced with an aftermarket amplifier. See the vehicle reference chart for wire colors; bypass instructions are not included.

- Remove the factory radio.

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3

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

STEP 4

Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

- Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

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

STEP 6

- Remove steering column shroud.
- Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at bottom of steering column).

STEP 7

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable harness into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

STEP 8

- Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.

- For technical assistance call 1-866-427-2999 or e-mail “support@idatalink.com”. Visit us at “maestro.idatalink.com/support” and “www.12voltdata.com/forum/”. 
WIRING DIAGRAM with an Amplifier

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP. TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- PINK - VEHICLE SPEED
- YELLOW/BLACK - FOOT BRAKE

DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.

**STEP 2**
- HUMAN MACHINE INTERFACE MODULE HARNESS
  - BEHIND GLOVE BOX

**STEP 3**
- FACTORY RADIO HARNESS

**STEP 4**
- CLIMATE CONTROLS HARNESS

**STEP 5**
- OBDII CONNECTOR

**STEP 6**
- STEERING WHEEL HARNESS

**STEP 7**
- MAIN HARNESS
  - CONNECT TO AFTERMARKET RADIO
  - RCA CABLES
  - BACKUP CAM

**STEP 8**
- SPEAKER
  - CONNECT TO AFTERMARKET RADIO
  - MAESTRO RR MODULE

GM3 T-HARNESS

WIRING DIAGRAM with an Amplifier
## RADIO WIRE REFERENCE CHART

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<td>Amplifier, left side of cargo area, behind wheel well</td>
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**AMPLIFIER CONNECTORS (WIRE SIDE)**

![Amplifier Connectors Diagram](image-url)
INSTALL GUIDE
GMC CANYON
2015-2018
RETIEMS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
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iDatalink Maestro GM3 Installation Harness

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TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Installation Instructions</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiring Diagram without an Amplifier</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram with an Amplifier</td>
<td>5</td>
</tr>
<tr>
<td>Radio Wire Reference Chart</td>
<td>6</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>7</td>
</tr>
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- Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located at the bottom of the radio cavity. Note: The guide lines of the backup camera will not be retained.

STEP 3

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

STEP 4

Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

- Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

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

STEP 6

If the vehicle DOES have steering wheel controls:

- Remove steering column shroud.
- Locate the steering wheel control wire in the GM3 steering wheel harness. Cut the GREEN/BLACK wire and splice it into pin 9.
- Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at top of steering column).

STEP 7

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable harness into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

STEP 8

- Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.
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**STEP 1**

- White - LF Speaker (+)
- White/Black - LF Speaker (-)
- Gray - RF Speaker (+)
- Gray/Black - RF Speaker (-)
- Green - LR Speaker (+)
- Green/Black - LR Speaker (-)
- Purple - RR Speaker (+)
- Purple/Black - RR Speaker (-)
- Blue/White - Amp Turn On (+)
- Black - Ground
- Red - Accessory (+)
- Yellow - 12V (+)
- Orange - Illumination (+)
- Purple/White - Reverse Light (+)
- LT Green - E-Brake (+)
- Pink - Vehicle Speed
- Yellow/Black - Foot Brake
- Yellow/Black - Wire Colors

**STEP 2**

**STEP 3**

**STEP 4**

**STEP 5**

**STEP 6**

**STEP 7**

**STEP 8**

- Cut Green/Black wire and splice it to Pin 9 wire
- Connect to Aftermarket Radio
**WIRING DIAGRAM with an Amplifier**

**STEP 1**
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
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- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LT GREEN - E-BRAKE (-)
- YELLOW - 12V (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- BLUE/WHITE - AMP TURN ON (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)

**STEP 2**
- HUMAN MACHINE INTERFACE MODULE HARNESS
- BOTTOM OF RADIO CAVITY

**STEP 3**
- FACTORY RADIO HARNESS

**STEP 4**
- CLIMATE CONTROLS HARNESS
- PIN 9

**STEP 5**
- OBDII CONNECTOR

**STEP 6**
- STEERING WHEEL HARNESS
- CUT GREEN/BLACK WIRE AND SPLICE IT TO PIN 9 WIRE

**STEP 7**
- MAIN HARNESS
- DATA CABLE
- AUDIO CABLE
- RCA CABLES
- CONNECT TO AFTERMARKET RADIO

**STEP 8**
- SPEAKER
- MAESTRO RR MODULE

**GM3 T-HARNESS**

**DO NOT CONNECT IN VEHICLE EQUIPPED WITH FACTORY AMP. SEE AMPLIFIER BYPASS INFORMATION IN VEHICLE WIRE CHART.**

**Wirings**:
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LT GREEN - E-BRAKE (-)
- YELLOW - 12V (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- BLUE/WHITE - AMP TURN ON (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)

**Wires from Vehicle**
- FACTORY RADIO HARNESS
- DATA CABLE
- AUDIO CABLE

**Wiring Diagram with an Amplifier**

**Back-up Cam**

**Radio**

**See Radio Wire Reference Chart for Radio Wire Colors**
## RADIO WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Polarity</th>
<th>Wire Color on Maestro T-Harness</th>
<th>Wire Color on Alpine cable</th>
<th>Wire Color on Kenwood cable</th>
<th>Wire Color on Pioneer cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>(+)</td>
<td>Orange</td>
<td>N/A</td>
<td>Orange/White</td>
<td>Orange/White</td>
</tr>
<tr>
<td>Reverse Light</td>
<td>(+)</td>
<td>Purple/White</td>
<td>Orange/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
</tr>
<tr>
<td>E-Brake</td>
<td>(-)</td>
<td>Lt Green</td>
<td>Yellow/Blue</td>
<td>Lt Green</td>
<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake</td>
<td>(+)</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS [vehicle speed sensor]</td>
<td>[DATA]</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>Pink</td>
</tr>
</tbody>
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<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray (+)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Gray/Black (-)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>02</td>
<td>Yellow (+)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
<td>Yellow/Black (-)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>03</td>
<td>DkBlue (+)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>07</td>
<td>Brown/DkBlue (-)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>04</td>
<td>Brown/LtGreen (+)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>12</td>
<td>Purple/Brown (-)</td>
<td>Amplifier, in dashboard, to the right of the glove box</td>
<td></td>
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<tr>
<td>LF Tweeter (if equipped)</td>
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<td>RR Speaker</td>
<td></td>
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<td>16 pin</td>
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<td>White (+)</td>
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**AMPLIFIER CONNECTORS (WIRE SIDE)**
INSTALL GUIDE

GMC SIERRA 1500
WITH 4.2" AND 8" RADIOS
2014-2018

RETIENS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM3 Installation Harness

PROGRAMMED FIRMWARE
ADS-RR(SR)-GMS03-DS

OPTIONAL ACCESSORIES
Click here for:
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Radar Integration Owner's Guide for Kenwood and JVC Radios

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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.

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

Installation Instructions 3

Wiring Diagram without an Amplifier 4

Wiring Diagram with an Amplifier 5

Radio Wire Reference Chart 6

Vehicle Wire Reference Chart 7
INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

• Determine if the vehicle has a Bose amplifier. Look for badges on the radio, door panels, and dash that indicate that the vehicle has Bose.

If the vehicle DOES NOT have a factory amplifier:
complete the installation as shown in the wiring diagram without an amplifier.

If the vehicle DOES have a factory amplifier:
complete the installation as shown in the wiring diagram with an amplifier. The amplifier cannot be retained; it must be bypassed or replaced with an aftermarket amplifier. See the vehicle reference chart for wire colors; bypass instructions are not included.

• Remove the factory radio.

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

• If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3

• Connect the factory harness to the GM3 T-harness.

STEP 4

Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

• Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

STEP 6

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

STEP 7

• Remove steering column shroud.
• Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at bottom of steering column).

STEP 8

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Connect the backup camera RCA cable harness into the aftermarket radio.
• Plug the Data cable to the data port of the aftermarket radio.
• Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

TROUBLESHOOTING TIPS:

• To reset the module back its factory settings, 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.

• For technical assistance call 1-866-427-2999 or e-mail “support@idatalink.com”. Visit us at “maestro.idatalink.com/support” and “www.12voltdata.com/forum/”
GMC SIERRA 1500 WITH 4.2" AND 8" RADIOS 2014-2018

WIRING DIAGRAM with an Amplifier

**STEP 1**
- White - LF Speaker (+)
- White/Black - LF Speaker (-)
- Gray - RF Speaker (+)
- Gray/Black - RF Speaker (-)
- Green - LR Speaker (+)
- Green/Black - LR Speaker (-)
- Purple - RR Speaker (+)
- Purple/Black - RR Speaker (-)
- Blue/White - Amp Turn On (+)
- Black - Ground
- Red - Accessory (+)
- Yellow - 12V (+)
- Orange - Illumination (+)
- Purple/White - Reverse Light (+)
- LTGreen - E-Brake (-)
- Yellow/Black - Foot Brake
- Pink - Vehicle Speed
- Yellow/Black - Foot Brake
- Red - Accessory (+)
- Blue/White - Amp Turn On (+)

**STEP 7**
- Do not connect in vehicle equipped with factory amp.
- See Amplifier Bypass Information in Vehicle Wire Chart.

**STEP 2**
- Human Machine Interface Module Harness
  - Behind Glove Box

**STEP 3**
- Factory Radio Harness

**STEP 4**
- Climate Controls Harness

**STEP 5**
- OBDII Connector

**STEP 6**
- Steering Wheel Harness

**STEP 8**
- Connect to Aftermarket Radio
- RCA Cables
- Wires From Vehicle
- Data Cable
- Audio Cable
- Backup Cam

**GM3 T-Harness**
- Wired From Vehicle
- RCA Cables
  - Behind Glove Box

**Factory Radio Harness**
- Wired To Aftermarket Radio
- See Radio Wire Reference Chart For Radio Wire Colors

**Main Harness**
- Data Cable
- Audio Cable

**Backup Cam**
- Wired To Aftermarket Radio

**OBDII Connector**
- Wired To Aftermarket Radio

**Climate Controls Harness**
- Wired To Aftermarket Radio

**Steering Wheel Harness**
- Wired To Aftermarket Radio

**Factory Radio Harness**
- Wired To Aftermarket Radio

**Main Harness**
- Data Cable
- Audio Cable

**Backup Cam**
- Wired To Aftermarket Radio

**OBDII Connector**
- Wired To Aftermarket Radio

**Climate Controls Harness**
- Wired To Aftermarket Radio

**Steering Wheel Harness**
- Wired To Aftermarket Radio
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<td>-</td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray</td>
<td>[+]</td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>Subwoofer</td>
<td>-</td>
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<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td>-</td>
<td>-</td>
<td>16 pin</td>
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<tr>
<td>LR Speaker</td>
<td>-</td>
<td>-</td>
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**AMPLIFIER CONNECTORS (WIRE SIDE)**

![Amplifier Connectors Diagram]
INSTALL GUIDE
GMC SIERRA 2500 & 3500
WITH 4.2" AND 8" RADIOS
2015-2018
RETAINS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

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STEP 1

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- Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3

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

STEP 4

- Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

- Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/ SW control harness.

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

STEP 6

- Remove steering column shroud.
- Plug the steering wheel control T-harness into the harness at the steering wheel (steering wheel connector located at bottom of steering column).

STEP 7

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable harness into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

STEP 8

- Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.
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- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
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- GREEN/BLACK - LF SPEAKER (-)
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- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE

**STEP 2**
- HUMAN MACHINE INTERFACE MODULE HARNESS
  - BEHIND GLOVE BOX

**STEP 3**
- FACTORY RADIO HARNESS
  - WIRING DIAGRAM without an Amplifier

**STEP 4**
- CLIMATE CONTROLS HARNESS
  - FACTORY RADIO HARNESS

**STEP 5**
- OBDII CONNECTOR

**STEP 6**
- STEERING WHEEL HARNESS
  - GM3 T-HARNESS

**STEP 7**
- MAIN HARNESS
- DATA CABLE
- AUDIO CABLE
- RCA CABLES
- BACKUP CAM
- WIRE FROM VEHICLE
- FACTORY RADIO HARNESS
- SPEAKER
- CONNECTION TO AFTERMARKET RADIO

**STEP 8**
- SPEAKER
- MAIN HARNESS
- DATA CABLE
- AUDIO CABLE
- RCA CABLES
- BACKUP CAM
- WIRE FROM VEHICLE
- FACTORY RADIO HARNESS
- SPEAKER
- CONNECTION TO AFTERMARKET RADIO

See radio wire reference chart for radio wire colors.
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<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake (+)</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS [vehicle speed sensor] (DATA)</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>N/A</td>
<td>Pink</td>
</tr>
</tbody>
</table>
### VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>DkBlue/Gray (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>Gray/Black (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>Yellow (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>Yellow/Black (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>DkBlue (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>Brown/DkBlue (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>Brown/LtGreen (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>Purple/Brown (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>Yellow/DkBlue (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>Yellow/Gray (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>White (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>DkBlue/Black (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>LtGreen (+)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
<tr>
<td>LR Speaker</td>
<td></td>
<td></td>
<td>16 pin</td>
<td>LtGreen/Black (-)</td>
<td></td>
<td>Amplifier, back wall of the cab, center of the wall</td>
</tr>
</tbody>
</table>

**AMPLIFIER CONNECTORS (WIRE SIDE)**

![Amplifier Connector Diagram]
INSTALL GUIDE
GMC YUKON & YUKON XL
2015-2018
RETAINS STEERING WHEEL CONTROLS, ONSTAR, AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM3 Installation Harness

PROGRAMMED Firmware
ADS-RR(SR)-GMS03-DS

OPTIONAL ACCESSORIES
Click here for:
Radar Integration Installation Guide
Radar Integration Owner’s Guide for Kenwood and JVC Radios

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
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.

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Installation Instructions</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiring Diagram without an Amplifier</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram with an Amplifier</td>
<td>5</td>
</tr>
<tr>
<td>Radio Wire Reference Chart</td>
<td>6</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>7</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- Determine if the vehicle has a Bose amplifier. Look for badges on the radio, door panels, and dash that indicate that the vehicle has Bose.

If the vehicle DOES NOT have a factory amplifier:
complete the installation as shown in the wiring diagram without an amplifier.

If the vehicle DOES have a factory amplifier:
complete the installation as shown in the wiring diagram with an amplifier. The amplifier cannot be retained; it must be bypassed or replaced with an aftermarket amplifier. See the vehicle reference chart for wire colors; bypass instructions are not included.

- Remove the factory radio.

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Refer to the wiring diagram and connect the wires from aftermarket radio main harness to the GM3 T-harness and match the wire functions.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the backup camera harness to the Human Machine Interface module harness, located behind the glove box. Note: The guide lines of the backup camera will not be retained.

STEP 3

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

STEP 4

Plug the climate control portion of the GM3 T-harness into the climate controls.

STEP 5

- Plug the male BLACK 3 pin connector of your GM3 T-harness into the OBDII/SW control harness.

STEP 6

- Plug the OBDII connector into the OBDII of the vehicle.
- Remove steering column shroud.
- Plug the steering wheel control T-harness into the harness at the steering wheel [steering wheel connector located at bottom of steering column].

STEP 7

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable harness into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

STEP 8

- Connect all the harnesses to the Maestro RR module then proceed test your installation.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.
- For technical assistance call 1-866-427-2999 or e-mail “support@idatalink.com”. Visit us at “maestro.idatalink.com/support” and “www.12voltdata.com/forum/”
WIRING DIAGRAM without an Amplifier

STEP 1
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREN - E-BRAKE (-)
PINK - VEHICLE SPEED
YELLOW/BLACK - FOOT BRAKE
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREN - E-BRAKE (-)
PINK - VEHICLE SPEED
YELLOW/BLACK - FOOT BRAKE
WHITE/BLACK - LF SPEAKER (-)
GRAY/BLACK - RF SPEAKER (-)
GREEN/BLACK - LR SPEAKER (-)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (-)
STEP 7
CONNECT TO AFTERMARKET RADIO
RCA CABLES
STEP 2
HUMAN MACHINE INTERFACE MODULE HARNESS
BEHIND GLOVE BOX
STEP 3
FACTORY RADIO HARNESS
STEP 4
CLIMATE CONTROLS HARNESS
STEP 5
OBDII CONNECTOR
STEP 6
STEERING WHEEL HARNESS
STEP 8
SPEAKER
MAESTRO RR MODULE
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREN - E-BRAKE (-)
PINK - VEHICLE SPEED
YELLOW/BLACK - FOOT BRAKE
WHITE/BLACK - LF SPEAKER (-)
GRAY/BLACK - RF SPEAKER (-)
GREEN/BLACK - LR SPEAKER (-)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (-)
### RADIO WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Polarity</th>
<th>Wire Color on Maestro T-Harness</th>
<th>Wire Color on Alpine cable</th>
<th>Wire Color on Kenwood cable</th>
<th>Wire Color on Pioneer cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination</td>
<td>[+]</td>
<td>Orange</td>
<td>N/A</td>
<td>Orange/White</td>
<td>Orange/White</td>
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<tr>
<td>Reverse Light</td>
<td>[+]</td>
<td>Purple/White</td>
<td>Orange/White</td>
<td>Purple/White</td>
<td>Purple/White</td>
</tr>
<tr>
<td>E-Brake</td>
<td>[−]</td>
<td>Lt Green</td>
<td>Yellow/Blue</td>
<td>Lt Green</td>
<td>Lt Green</td>
</tr>
<tr>
<td>Foot Brake</td>
<td>[+]</td>
<td>Yellow/Black</td>
<td>Yellow/Black</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>VSS (vehicle speed sensor)</td>
<td>[DATA]</td>
<td>Pink</td>
<td>Green/White</td>
<td>N/A</td>
<td>Pink</td>
</tr>
</tbody>
</table>
# VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>01</td>
<td>DkBlue/Gray</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>Subwoofer</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Gray/Black</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>02</td>
<td>Yellow</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
<td>Yellow/Black</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>03</td>
<td>DkBlue</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>07</td>
<td>Brown/DkBlue</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>04</td>
<td>Brown/LtGreen</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>12</td>
<td>Purple/Brown</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>05</td>
<td>Yellow/DkBlue</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>LF Tweeter (if equipped)</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>13</td>
<td>Yellow/Gray</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>06</td>
<td>White</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
</tr>
<tr>
<td>RR Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>14</td>
<td>DkBlue/Black</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
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<tr>
<td>LR Speaker</td>
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<td>8 pin</td>
<td>07</td>
<td>LtGreen</td>
<td>(+)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
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<tr>
<td>LR Speaker</td>
<td></td>
<td></td>
<td>8 pin</td>
<td>15</td>
<td>LtGreen/Black</td>
<td>(-)</td>
<td>Amplifier, left side of cargo area, behind wheel well</td>
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</table>

## AMPLIFIER CONNECTORS (WIRE SIDE)

![Amplifier Connectors Diagram](image)