

maestro

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.
- Print only the pages for your vehicle using the advanced options in the Print menu.
- **3** Install your Maestro AR 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.



CHRYSLER 200 2015-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

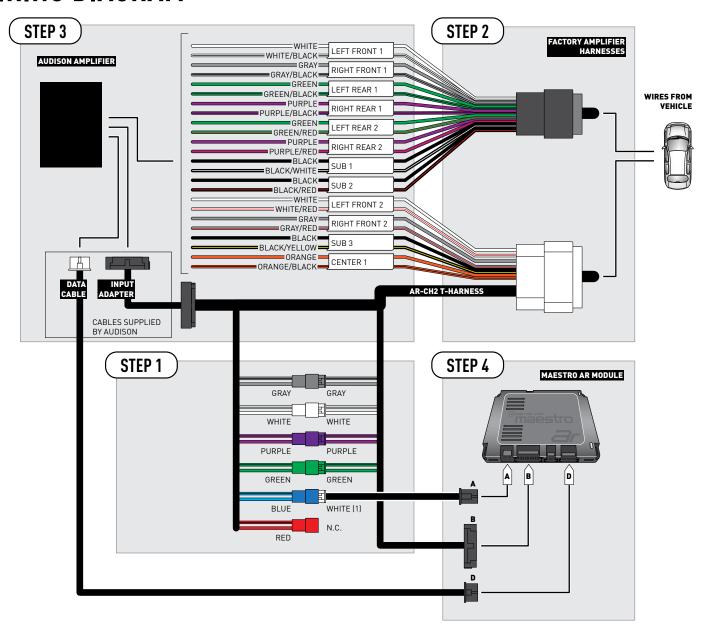
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

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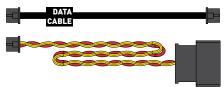
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



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VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Mid (+)
LEFT FRONT I	White/Black	Left Front Mid (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FRONT 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Mid (+)
RIGHT FRUNT I	Gray/Black	Right Front Mid (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT Z	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Mid (+)
LEFT REAR 1	Green/Black	Left Rear Mid (-)
LEET DEAD 2	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DICUIT DE AD 1	Purple	Right Rear Mid (+)
RIGHT REAR 1	Purple/Black	Right Rear Mid (-)
DIQUE DEAD 2	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 4	Black	n/a
SUB 1	Black/White	n/a
SUB 2	Black	Right Rear Tweeter (+)
20R 5	Black/Red	Right Rear Tweeter (-)
CLID 3	Black	n/a
SUB 3	Black/Yellow	n/a

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Right end of dash



INSTALL GUIDE CHRYSLER 300 2012-2014

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- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

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- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

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If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

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The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

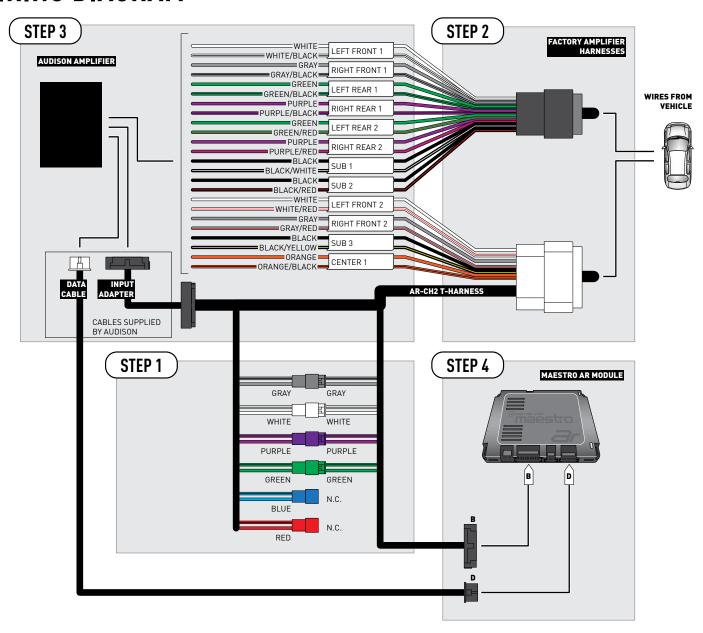
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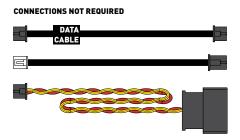
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WIRING DIAGRAM





2



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I I KONI 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FROIT 2	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
LEFTREART	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Left Rear Tweeter (+)
LEFT REAR 2	Green/Red	Left Rear Tweeter (-)
DICUT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Right Rear Tweeter (+)
RIGHT REAR 2	Purple/Red	Right Rear Tweeter (-)
CENTED 1	Orange	Center Speaker (+)
CENTER 1	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
SOR I	Black/White	Subwoofer 1 (-)
SUB 2	Black	Subwoofer 2 (+)
3UB 2	Black/Red	Subwoofer 2 (-)
SUB 3	Black	Subwoofer 3 (+)
3UB 3	Black/Yellow	Subwoofer 3 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash



CHRYSLER 300 2015-2016

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PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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

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- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

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STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

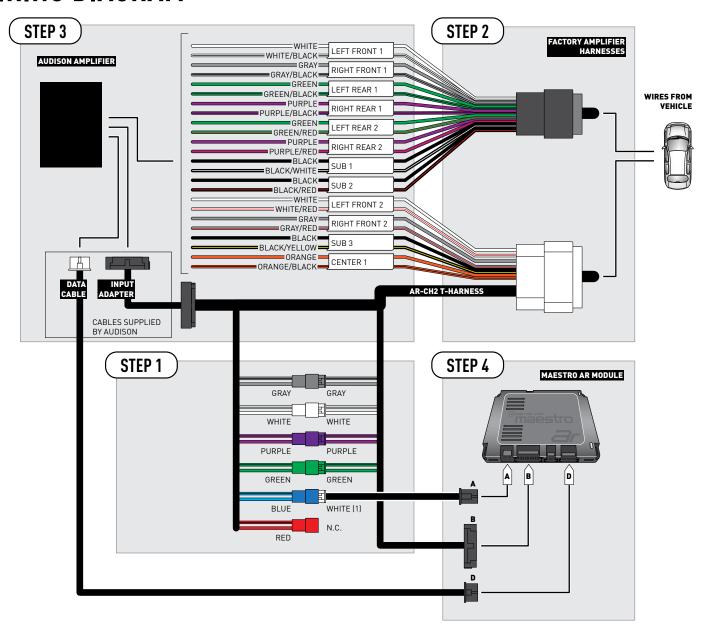
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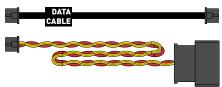
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(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

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CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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LEFT FRONT 2	White	Left Front Tweeter (+)
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RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FROIT 2	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
LEFTREART	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Left Rear Tweeter (+)
LEFT REAR 2	Green/Red	Left Rear Tweeter (-)
DICUT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Right Rear Tweeter (+)
RIGHT REAR 2	Purple/Red	Right Rear Tweeter (-)
CENTED 1	Orange	Center Speaker (+)
CENTER 1	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
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SUB 3	Black	Subwoofer 3 (+)
3UB 3	Black/Yellow	Subwoofer 3 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash



CHRYSLER TOWN AND COUNTRY 2008-2016

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audison

PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

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PROGRAMMED FIRMWARE

ADS-AR-CHR02



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- Activate any chime (ex: rear parking assist).
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MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

Center Channel Speaker
 Not Used

• Prompt Location

Front Left and Center

• Optical Input

On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
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STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

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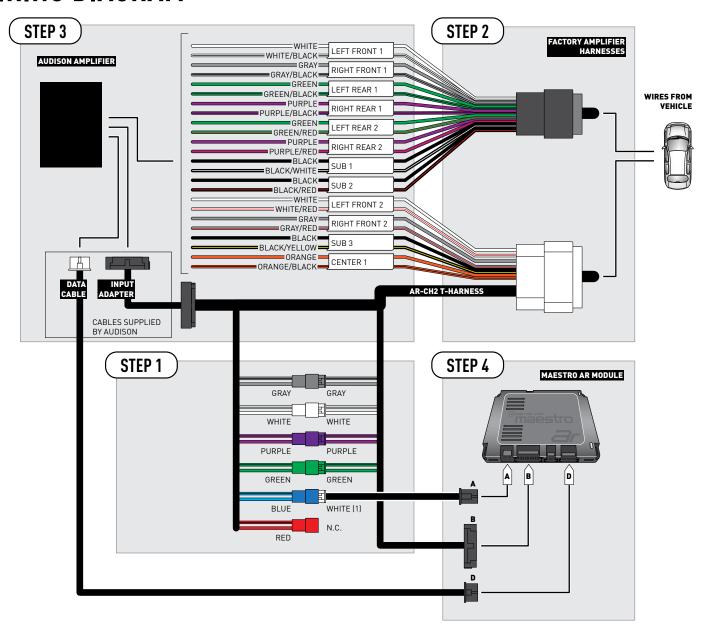
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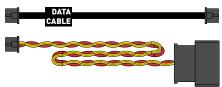
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LEFT FRONT 2	White	Left Front Tweeter (+)
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RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FROIT	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FROINT 2	Gray/Red	Right Front Tweeter (-)
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LEFTREART	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
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RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
RIGHT REAR Z	Purple/Red	Subwoofer 2 (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 4	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
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Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left quarter panel



DODGE CHALLENGER 2015-2017

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audison

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AUDIO FEATURES:

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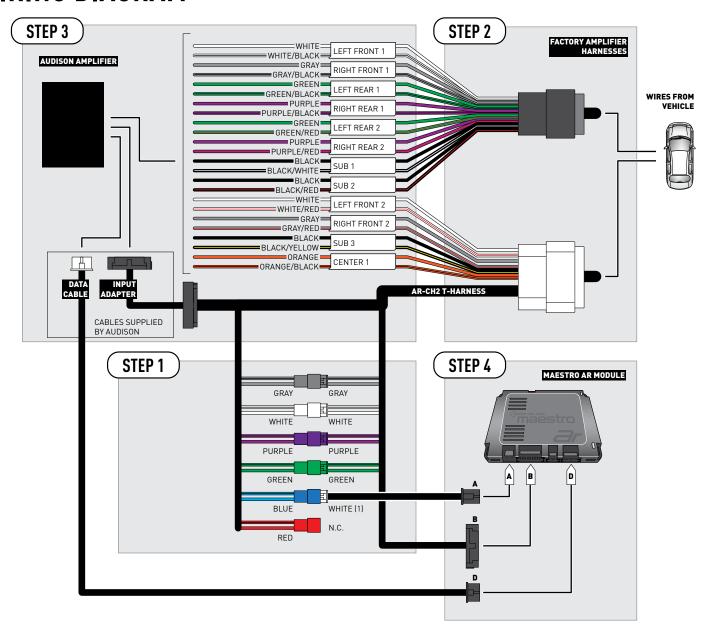
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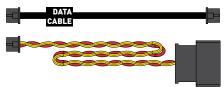
WIRING DIAGRAM



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LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD 2	Green	Left Rear Mid (+)
LEFT REAR 2	Green/Red	Left Rear Mid (-)
DICUIT DE AD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUE DEAD 2	Purple	Right Rear Mid (+)
RIGHT REAR 2	Purple/Red	Right Rear Mid (-)
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SUB 2	Black/Red	Subwoofer 2 (-)
CLID 3	Black	n/a
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Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash



DODGE CHARGER 2012-2014

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

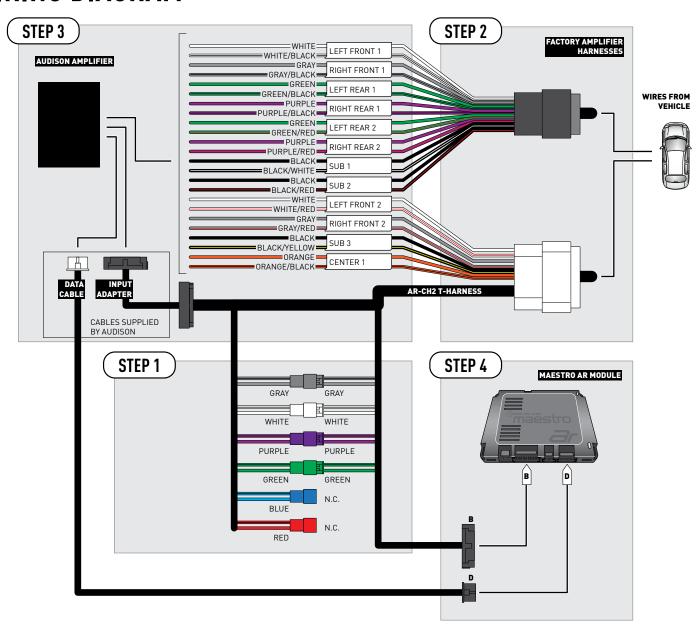
Note 4:

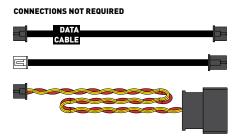
The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



WIRING DIAGRAM







VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FROM 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD 2	Green	Left Rear Speaker (+)
LEFT REAR 2	Green/Red	Left Rear Speaker (-)
DIQUIT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DEAD 2	Purple	Right Rear Speaker (+)
RIGHT REAR 2	Purple/Red	Right Rear Speaker (-)
OFNITED 1	Orange	Center Speaker (+)
CENTER 1	Orange/Black	Center Speaker (-)
CUD 4	Black	Subwoofer 1 (+)
SUB 1	Black/White	Subwoofer 1 (-)
CUD 3	Black	Subwoofer 2 (+)
SUB 2	Black/Red	Subwoofer 2 (-)
SUB 3	Black	Subwoofer 3 (+)
3083	Black/Yellow	Subwoofer 3 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of dash



INSTALL GUIDE DODGE CHARGER 2015-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

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SETTINGS AND FEATURES

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- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
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- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

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Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

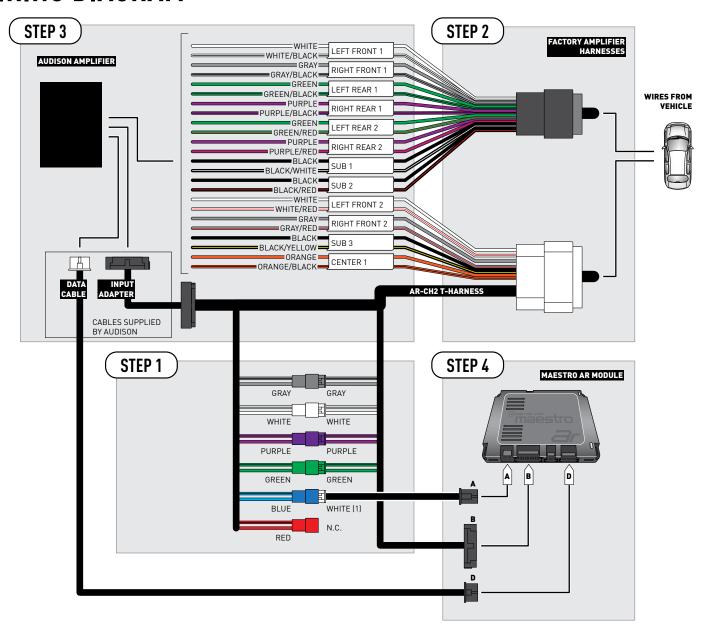
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

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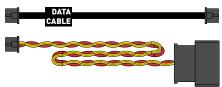
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LLITTKONTT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I NOIVI 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRUIT	Gray/Black	Right Front Speaker (-)
DIQUE FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD O	Green	Left Rear Speaker (+)
LEFT REAR 2	Green/Red	Left Rear Speaker (-)
DIQUE DEAD 4	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUE DEAD O	Purple	Right Rear Speaker (+)
RIGHT REAR 2	Purple/Red	Right Rear Speaker (-)
OENTED 4	Orange	Center Speaker (+)
CENTER 1	Orange/Black	Center Speaker (-)
CLID 1	Black	Subwoofer 1 (+)
SUB 1	Black/White	Subwoofer 1 (-)
CLID 0	Black	Subwoofer 2 (+)
SUB 2	Black/Red	Subwoofer 2 (-)
CLID 3	Black	Subwoofer 3 (+)
SUB 3	Black/Yellow	Subwoofer 3 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of dash



DODGE DURANGO 2011-2013

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

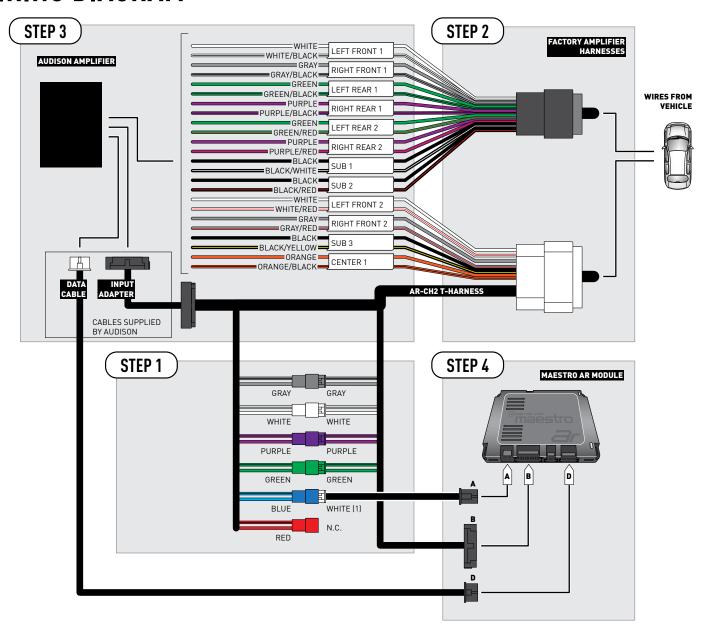
Note 4:

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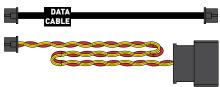
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LLITTROINTT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I I I I I I I I I	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEST DEAD 4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEST DEAD O	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUIT DEAD 4	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DE AD O	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 4	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUE	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CUD 0	Black	n/a
SUB 2	Black/Red	n/a
CUE	Black	Center (+)
SUB 3	Black/Yellow	Center (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left cargo area



INSTALL GUIDE DODGE DURANGO 2014-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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

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CHIME ADJUSTMENT

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- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

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- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

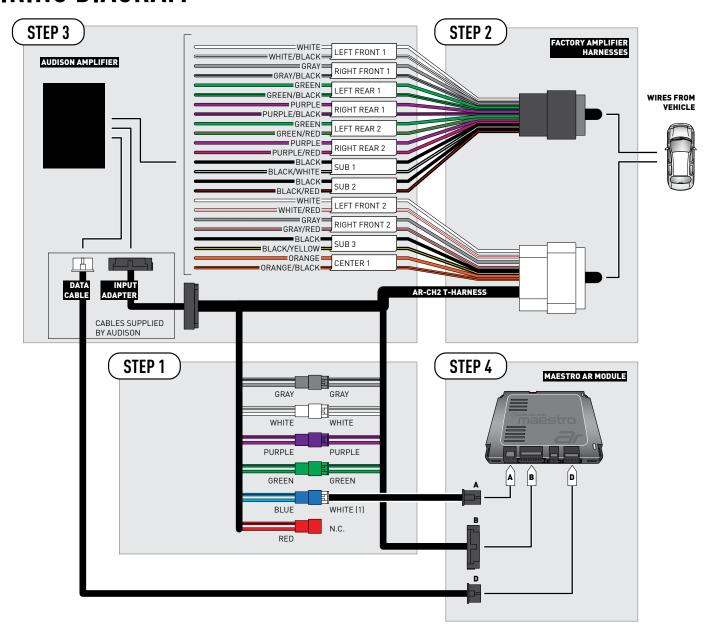
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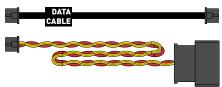
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

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CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FRONT 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD O	Green	Subwoofer 2 (+)
LEFT REAR 2	Green/Red	Subwoofer 2 (-)
DICUIT DE AD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DEAD 2	Purple	Subwoofer 1 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 1 (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 1	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CLID 3	Black	n/a
SUB 2	Black/Red	n/a
CLID 3	Black	Center Speaker (+)
SUB 3	Black/Yellow	Center Speaker (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of cargo area



INSTALL GUIDE DODGE GRAND CARAVAN 2008-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



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These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

Center Channel Speaker
 Not Used

• Prompt Location

Front Left and Center

• Optical Input

On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

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Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

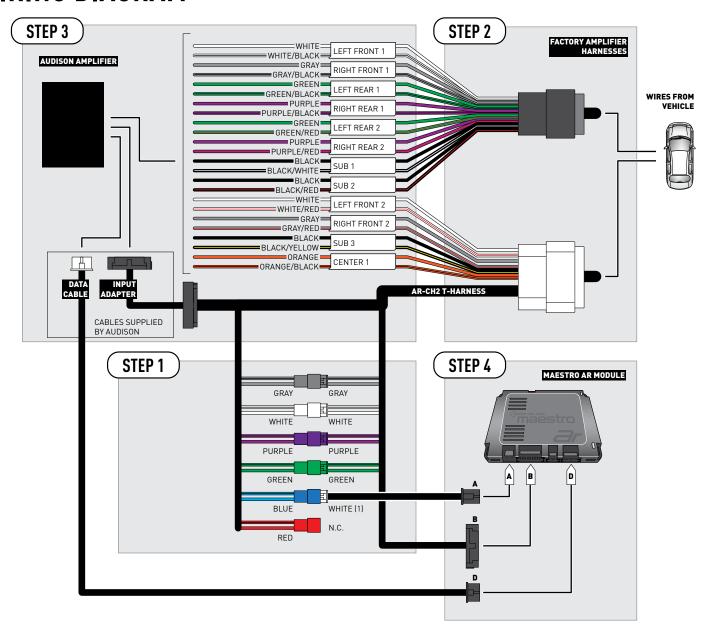
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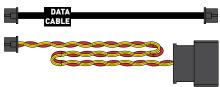
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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LEFT PROINT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FROINT Z	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)
DIQUIT EDONT O	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DE AD 4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD O	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUE DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
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RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 4	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 4	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CUD 2	Black	n/a
SUB 2	Black/Red	n/a
CUDO	Black	Center (+)
SUB 3	Black/Yellow	Center (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left quarter panel



DODGE JOURNEY 2009-2010

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

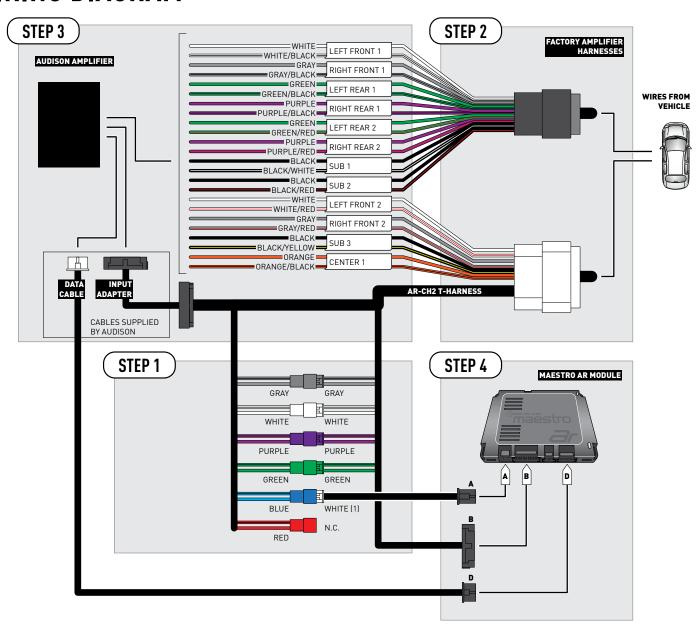
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



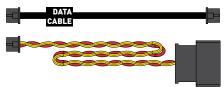
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT PROINT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT PROINT 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD O	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUE DEAD 4	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUE DEAD O	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 4	Orange	n/a
CENTER 1	Orange/Black	n/a
6112.4	Black	n/a
SUB 1	Black/White	n/a
CUD 0	Black	n/a
SUB 2	Black/Red	n/a
CUD 0	Black	n/a
SUB 3	Black/Yellow	n/a

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Center console



INSTALL GUIDE DODGE JOURNEY 2011-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

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TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

• Center Channel Speaker

Not Used

• Prompt Location

Front Left and Center

• Optical Input

On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

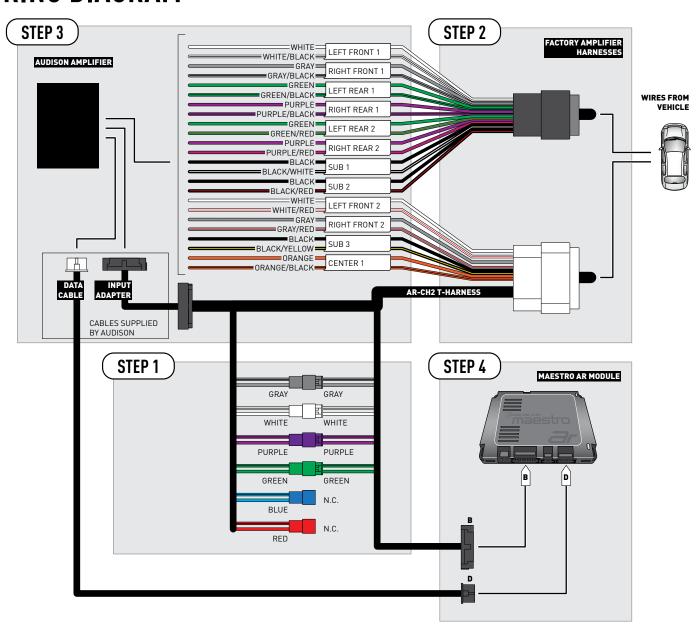
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

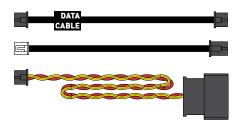
The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



WIRING DIAGRAM



CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT I	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FRONT 2	White/Red	Left Front Tweeter (-)
DIQUIT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT 1	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT O	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
1.557.0540.4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIGUE DE LE A	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIGUE DE LE C	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
0511750.4	Orange	n/a
CENTER 1	Orange/Black	n/a
6115.4	Black	n/a
SUB 1	Black/White	n/a
CUD 0	Black	n/a
SUB 2	Black/Red	n/a
CUD O	Black	n/a
SUB 3	Black/Yellow	n/a

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Center console



INSTALL GUIDE DODGE NITRO 2007-2011

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



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TABLE OF CONTENTS	
Settings and Features	3
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Wiring Diagram	5
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SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

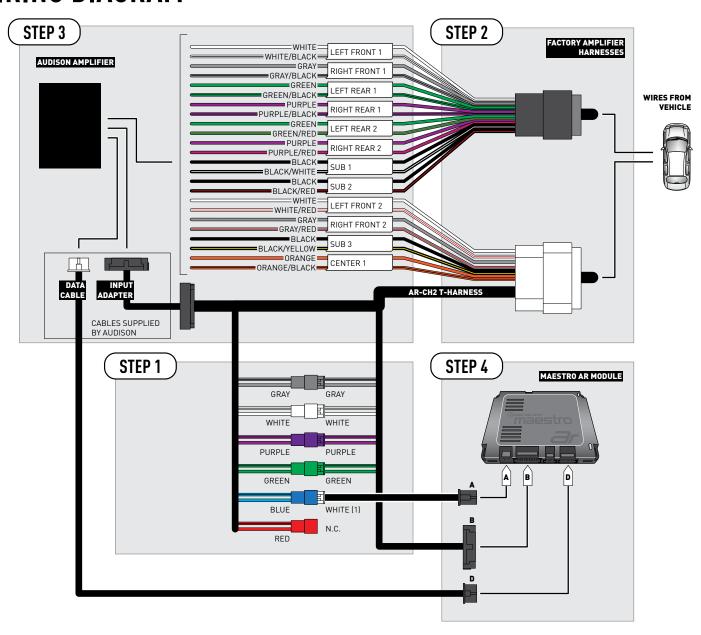
Note 4:

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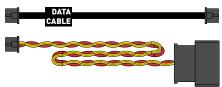
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I NOINI Z	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT Z	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIGHT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 1	Orange	n/a
CENTER 1	Orange/Black	n/a
CUD 1	Black	n/a
SUB 1	Black/White	n/a
SUB 2	Black	n/a
208 2	Black/Red	n/a
CLID 3	Black	n/a
SUB 3	Black/Yellow	n/a

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear right cargo area



JEEP CHEROKEE 2014-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

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TABLE OF CONTENTS	
Settings and Features	3
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Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

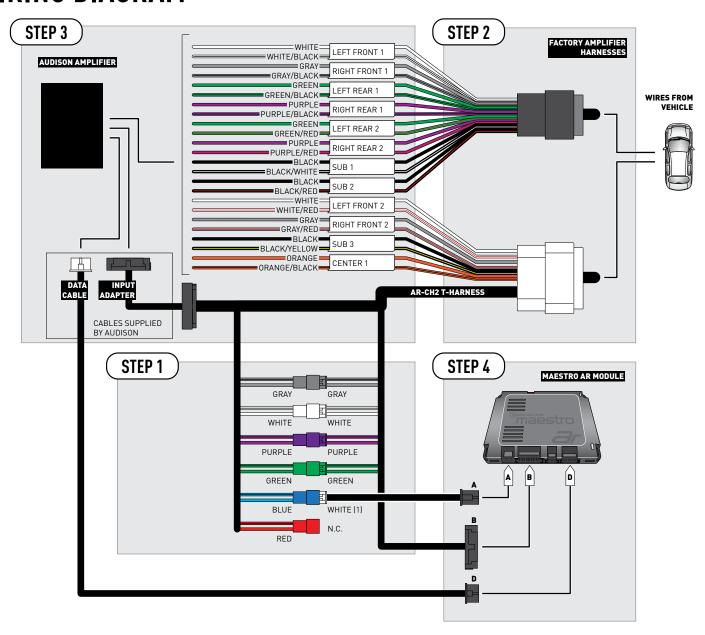
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



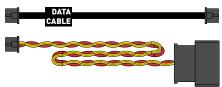
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FROM 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Tweeter (+)
LEFT REAR 1	Green/Black	Left Rear Tweeter (-)
LEST DEAD O	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUIT DEAD 1	Purple	Right Rear Tweeter (+)
RIGHT REAR 1	Purple/Black	Right Rear Tweeter (-)
DIQUIT DEAD 2	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 1	Orange	Left Rear Speaker (+)
CENTER 1	Orange/Black	Left Rear Speaker (-)
CUD 4	Black	n/a
SUB 1	Black/White	n/a
CUD 3	Black	Right Rear Speaker (+)
SUB 2	Black/Red	Right Rear Speaker (-)
CUD 3	Black	Center Speaker (+)
SUB 3	Black/Yellow	Center Speaker (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Right end of dash



JEEP GRAND CHEROKEE 2011

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



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CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

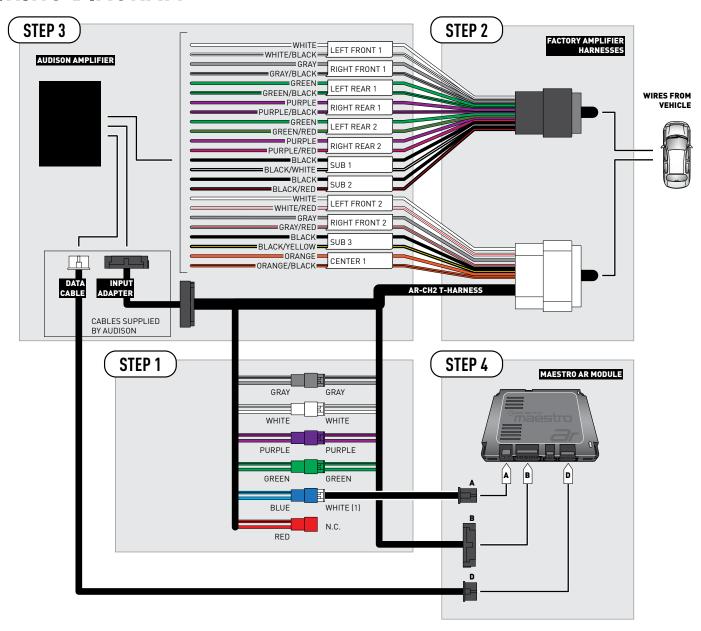
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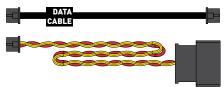
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LLITTROINTT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I I I I I I I I I	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEST DEAD 4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEST DEAD O	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUIT DEAD 4	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DE AD O	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 4	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUE	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CUD 0	Black	n/a
SUB 2	Black/Red	n/a
CUE	Black	Center (+)
SUB 3	Black/Yellow	Center (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left quarter panel



JEEP GRAND CHEROKEE 2014-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

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PROGRAMMED FIRMWARE

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

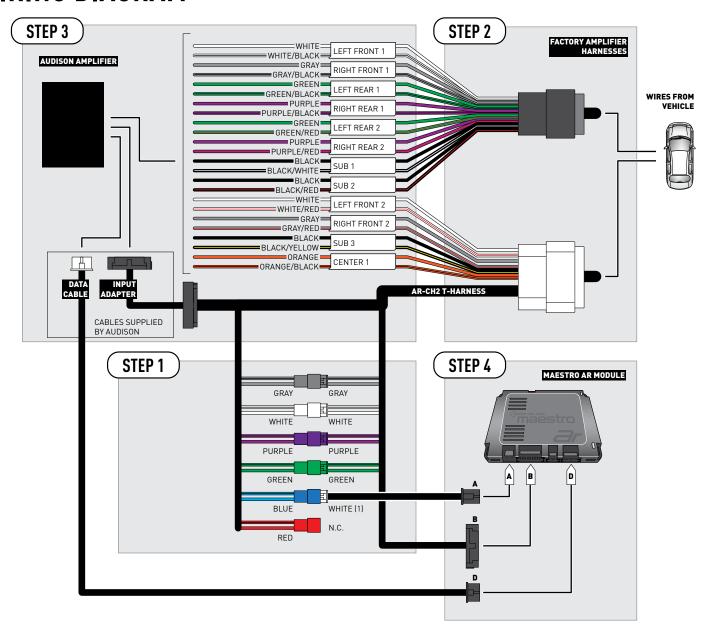
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



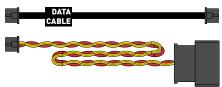
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRUNT I	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FRONT 2	White/Red	Left Front Tweeter (-)
DIQUIT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT 1	Gray/Black	Right Front Speaker (-)
DIQUE FRONT O	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
	Green	Subwoofer 2 (+)
LEFT REAR 2	Green/Red	Subwoofer 2 (-)
5,0,17,5,18,4	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
	Purple	Subwoofer 1 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 1 (-)
	Orange	Left Rear Speaker (+)
CENTER 1	Orange/Black	Left Rear Speaker (-)
	Black	Right Rear Speaker (+)
SUB 1	Black/White	Right Rear Speaker (-)
CUD	Black	n/a
SUB 2	Black/Red	n/a
	Black	Center Speaker (+)
SUB 3	Black/Yellow	Center Speaker (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of cargo area



JEEP LIBERTY 2008-2012

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

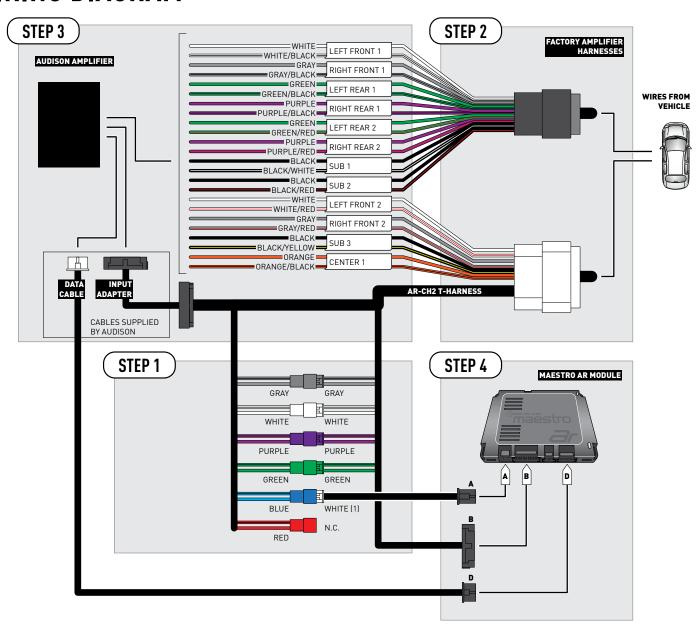
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



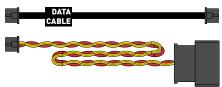
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FRONT 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 4	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
. 557 2542 0	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUE DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUE DE AD O	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 4	Orange	n/a
CENTER 1	Orange/Black	n/a
0110.4	Black	n/a
SUB 1	Black/White	n/a
CLID	Black	n/a
SUB 2	Black/Red	n/a
CLID O	Black	n/a
SUB 3	Black/Yellow	n/a

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear right quarter panel



JEEP WRANGLER 2007-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

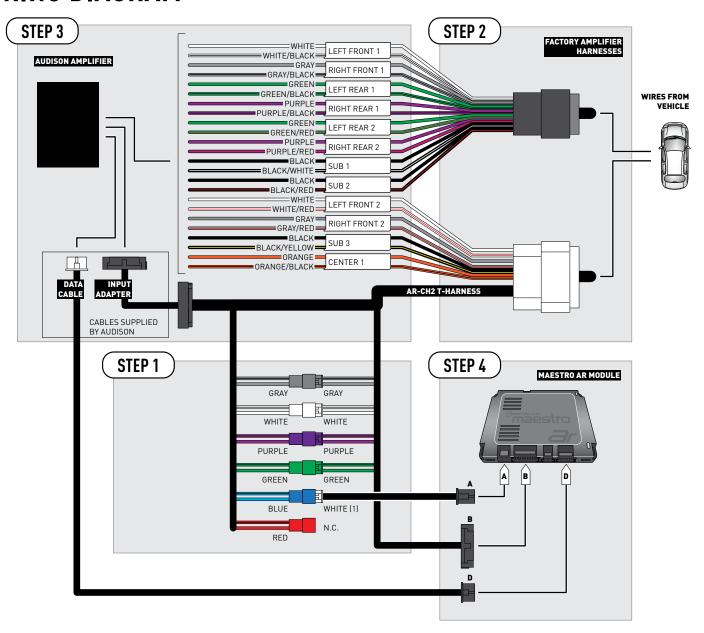
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



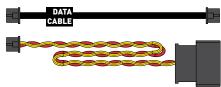
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT PROINT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT PROINT 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRUINT 2	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
LEFTREART	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIOLIT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
RIGHT REAR Z	Purple/Red	Subwoofer 2 (-)
OFNITED 1	Orange	n/a
CENTER 1	Orange/Black	n/a
CUD 1	Black	n/a
SUB 1	Black/White	n/a
CLID 3	Black	n/a
SUB 2	Black/Red	n/a
CLID 2	Black	n/a
SUB 3	Black/Yellow	n/a

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Lower left dash



INSTALL GUIDE **RAM 1500** 2009-2012

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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 AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

• Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

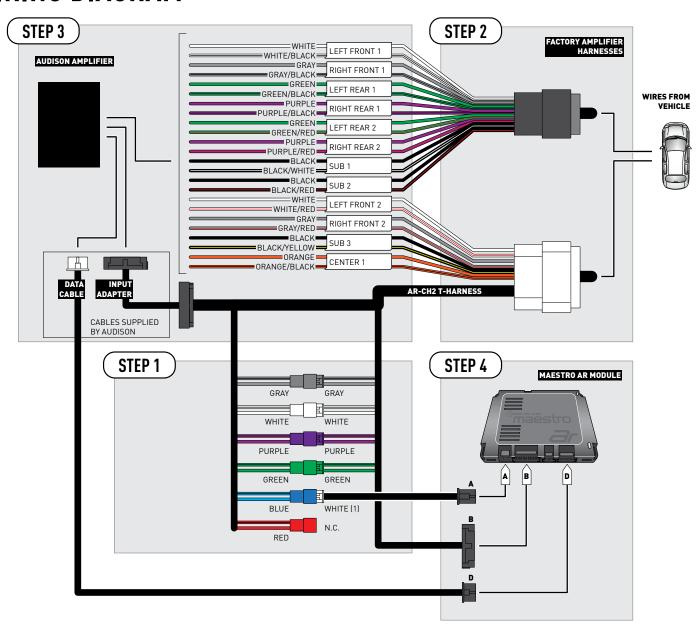
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



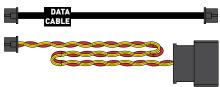
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FRONT 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
DIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
1 55T D51D 0	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUE DE AD 4	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUE DE AD O	Purple	Center (+)
RIGHT REAR 2	Purple/Red	Center (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CLID 4	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CLID 3	Black	n/a
SUB 2	Black/Red	n/a
CLID O	Black	Subwoofer 2 (+)
SUB 3	Black/Yellow	Subwoofer 2 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Right side of dash



INSTALL GUIDE **RAM 1500** 2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

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Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
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SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

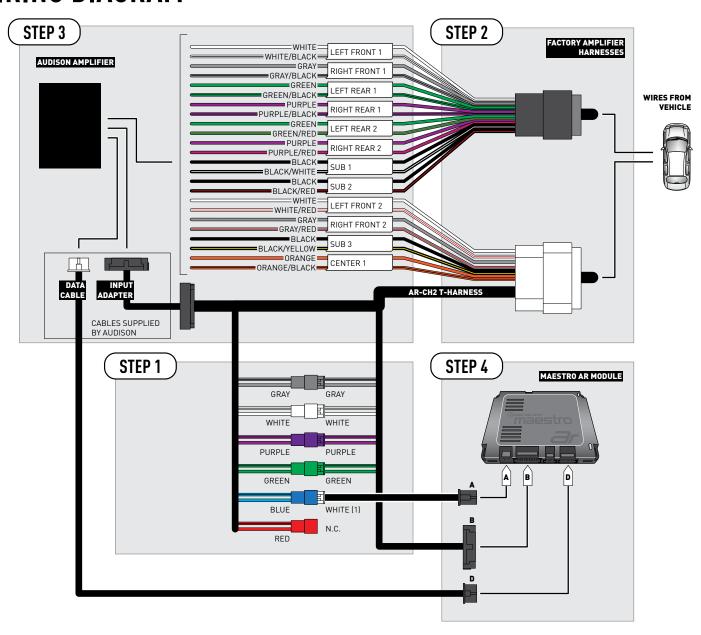
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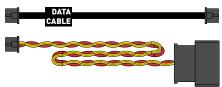
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFT FRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LEFT FROM 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
DIQUIT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD 2	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUIT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DEAD 2	Purple	Center Speaker (+)
RIGHT REAR 2	Purple/Red	Center Speaker (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 4	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CUD 3	Black	n/a
SUB 2	Black/Red	n/a
CUD 3	Black	Subwoofer 2 (+)
SUB 3	Black/Yellow	Subwoofer 2 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash



INSTALL GUIDE RAM 2500 AND 3500 2010-2012

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

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TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

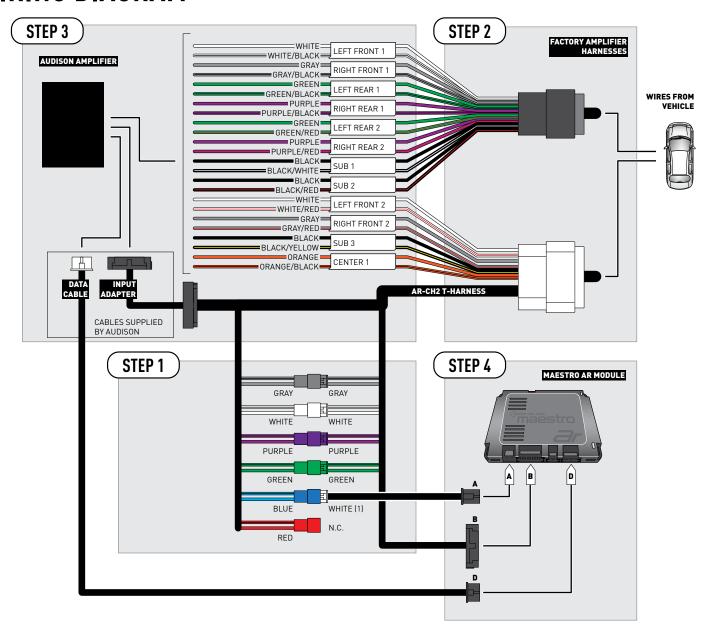
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



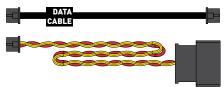
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LLITINONTI	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I I I I I I I I I	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT Z	Gray/Red	Right Front Tweeter (-)
LEST DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD 2	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUIT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIOLIT DEAD 2	Purple	Center (+)
RIGHT REAR 2	Purple/Red	Center (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 1	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CHD 3	Black	n/a
SUB 2	Black/Red	n/a
CLID O	Black	Subwoofer 2 (+)
SUB 3	Black/Yellow	Subwoofer 2 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Right side of dash



INSTALL GUIDE RAM 2500 AND 3500 2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

TABLE OF CONTENTS	
Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6



SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

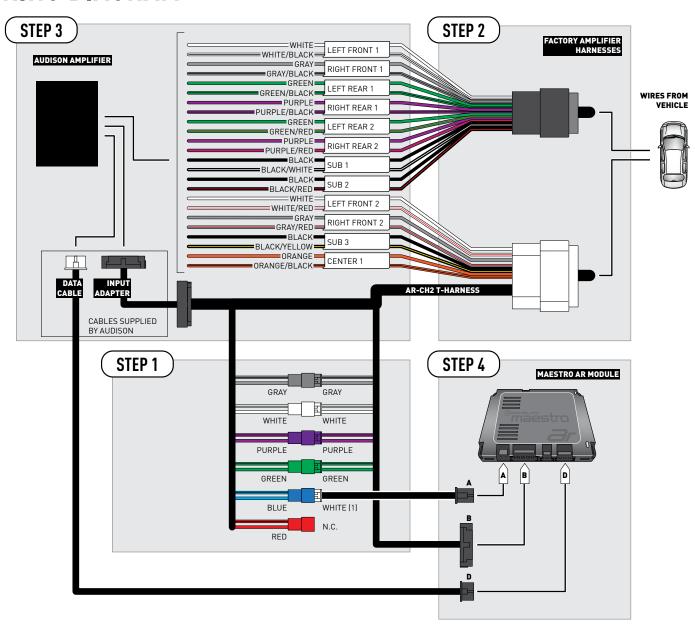
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.



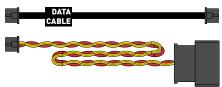
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFI FRONT I	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I I KOINI 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT Z	Gray/Red	Right Front Tweeter (-)
LEET DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEST DEAD O	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUE DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DEAD 2	Purple	Center Speaker (+)
RIGHT REAR 2	Purple/Red	Center Speaker (-)
OFNITED 1	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 1	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
20B Z	Black/Red	n/a
CLID 3	Black	Subwoofer 2 (+)
SUB 3	Black/Yellow	Subwoofer 2 (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash



RAM CV 2012-2015

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

HRN-AR-EXT2 HRN-AR-EXT4

PROGRAMMED FIRMWARE

ADS-AR-CHR02



WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical Input
 On (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

STEP 2

 Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

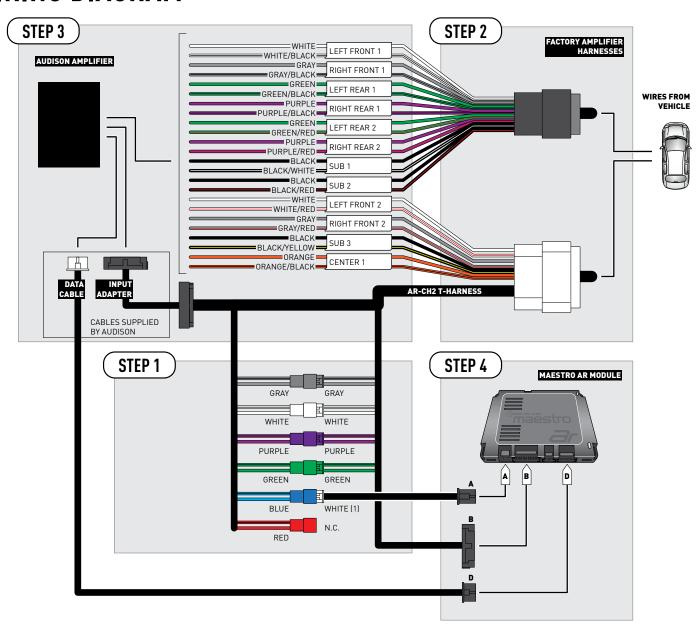
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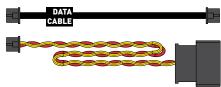
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
LEFTFRONT	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
LLI I I I NOINI 2	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
RIGHT FRONT I	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)
LEST DEAD 1	Green	Left Rear Speaker (+)
LEFT REAR 1	Green/Black	Left Rear Speaker (-)
LEET DEAD 2	Green	Subwoofer 1 (+)
LEFT REAR 2	Green/Red	Subwoofer 1 (-)
DIQUIT DEAD 1	Purple	Right Rear Speaker (+)
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)
DIQUIT DEAD 2	Purple	Subwoofer 2 (+)
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)
OFNITED 4	Orange	Left Rear Tweeter (+)
CENTER 1	Orange/Black	Left Rear Tweeter (-)
CUD 1	Black	Right Rear Tweeter (+)
SUB 1	Black/White	Right Rear Tweeter (-)
CHD 3	Black	n/a
SUB 2	Black/Red	n/a
CUD 3	Black	Center (+)
SUB 3	Black/Yellow	Center (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left quarter panel



INSTALL GUIDE VOLKSWAGEN ROUTAN 2009-2014

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



audison

PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

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PROGRAMMED FIRMWARE

ADS-AR-CHR02



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- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:

• Bass Tone Control

Subwoofer Volume

• Mid Tone Control

Mid Frequency Output Gain

• Treble Tone Control

High Frequency Output Gain

• Surround Control

Bass Boost On/Off

• Speed Compensated Volume

Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
 Not Used
- Prompt Location
 Front Left and Center
- Optical InputOn (R3 or higher only)



INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

 Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.

STEP 1

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 Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

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Note 2:

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- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

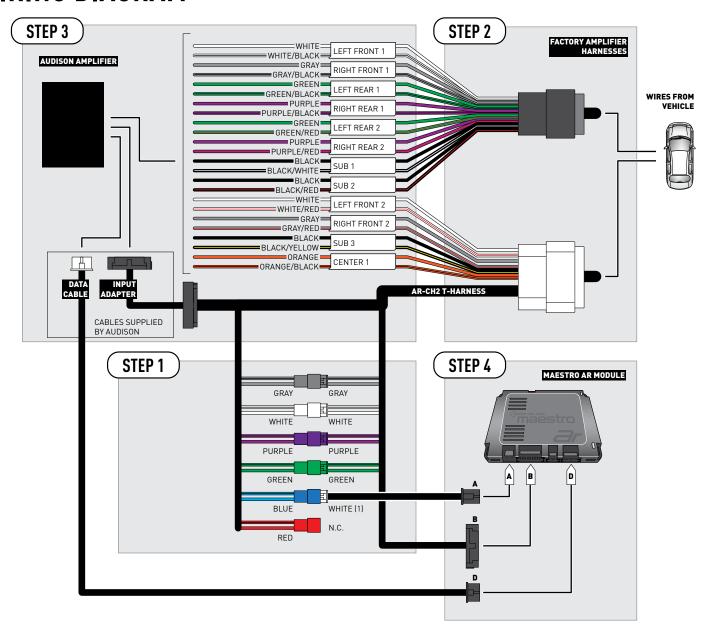
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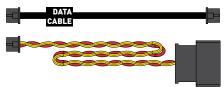
WIRING DIAGRAM



(1) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

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CONNECTIONS NOT REQUIRED





VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Center (+)
	Black/Yellow	Center (-)

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left quarter panel