

# HOW TO USE THIS INSTALL GUIDE



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.



Install your Maestro RR according to the guide for your vehicle.

## WARNING

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



# **INSTALL GUIDE**

## 2011-2014 CHRYSLER 200

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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**

<sup>®</sup>maestro

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

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

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

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## **NEED HELP?**





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## **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/ Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2010 CHRYSLER 300

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

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#### STEP 1

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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

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Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2009 CHRYSLER ASPEN

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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

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Troubleshooting Table

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# INSTALLATION INSTRUCTIONS

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/ Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2007-2010 CHRYSLER SEBRING

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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

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

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

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## **NEED HELP?**





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## **INSTALLATION INSTRUCTIONS**

#### STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2011 CHRYSLER TOWN AND COUNTRY

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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## **WELCOME**

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

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

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

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## **NEED HELP?**





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## **INSTALLATION INSTRUCTIONS**

### STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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Turn the key to the OFF position, then disconnect all connectors from the module.

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

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

#### TECHNICAL ASSISTANCE

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Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2012-2016 CHRYSLER TOWN AND COUNTRY

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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## maestro **Ar**

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### STEP 1

- Unbox the aftermarket radio and locate its main harness.
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### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

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## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.



# **INSTALL GUIDE**

2008-2014 DODGE AVENGER

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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## **INSTALLATION INSTRUCTIONS**

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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


# **INSTALL GUIDE**

## 2009-2012 DODGE CALIBER

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## **WELCOME**

<sup>®</sup>maestro

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

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

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

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Troubleshooting Table

## **NEED HELP?**





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## **INSTALLATION INSTRUCTIONS**

### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/ Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2014 DODGE CHALLENGER

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## **WELCOME**

<sup>®</sup>maestro

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

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

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

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## **NEED HELP?**





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## maestro **Ar**

## **INSTALLATION INSTRUCTIONS**

### STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

## STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

## STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2010 DODGE CHARGER

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## **WELCOME**

<sup>®</sup>maestro

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

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

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

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Troubleshooting Table

## **NEED HELP?**





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## **INSTALLATION INSTRUCTIONS**

### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/ Yellow wire, not both). Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON.
	or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2010 DODGE DAKOTA

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## WELCOME

<sup>®</sup>maestro

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

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

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

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## **INSTALLATION INSTRUCTIONS**

### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



## **INSTALL GUIDE** 2011 DODGE DAKOTA

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## **WELCOME**

<sup>®</sup>maestro

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

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

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

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## **INSTALLATION INSTRUCTIONS**

### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

## STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/ Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2009 DODGE DURANGO

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## **WELCOME**

<sup>®</sup>maestro

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

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

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

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## **INSTALLATION INSTRUCTIONS**

### STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

## STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

## STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/ Yellow wire, not both). Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON.
	or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2011-2013 DODGE DURANGO

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

## **WELCOME**

<sup>®</sup>maestro

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

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

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

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Troubleshooting Table	5

## **NEED HELP?**





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# INSTALLATION INSTRUCTIONS

### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



## If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

## If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

## STEP 4

• Connect the factory harness to the CH1 T-harness.

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



## WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

## 2008-2011 DODGE GRAND CARAVAN

### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1
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# INSTALLATION INSTRUCTIONS

#### STEP 1

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### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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	Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

#### TECHNICAL ASSISTANCE

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Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE** 2012-2019

# DODGE GRAND CARAVAN

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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### maestro **Ar**

# **INSTALLATION INSTRUCTIONS**

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- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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Turn the key to the OFF position, then disconnect all connectors from the module.

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2009-2010 DODGE JOURNEY

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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<sup>®</sup>maestro

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

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

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

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Troubleshooting Table

### **NEED HELP?**





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## **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

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- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2007-2011 DODGE NITRO

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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.

<sup>®</sup>maestro

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

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

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

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## **NEED HELP?**





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### **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



### If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

### If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both). Refer to radio's owners manual to verifie if the radio has this function:
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Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2008-2010 JEEP COMMANDER

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE ADS-RR(SR)-CHR01-AS

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#### STEP 1

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- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2009-2016 JEEP COMPASS

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



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PROGRAMMED FIRMWARE ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE** 2008-2010

## JEEP GRAND CHEROKEE

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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.

<sup>®</sup>maestro

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

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

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

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### **NEED HELP?**





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# **INSTALLATION INSTRUCTIONS**

#### STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



### If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

### If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



## **INSTALL GUIDE** 2011-2013 JEEP GRAND CHEROKEE

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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## **NEED HELP?**





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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
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#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2008-2012 JEEP LIBERTY

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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**

<sup>®</sup>maestro

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

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

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### **INSTALLATION INSTRUCTIONS**

#### STEP 1

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#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2009-2016 JEEP PATRIOT

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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**

<sup>®</sup>maestro

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

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

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

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# **NEED HELP?**





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# **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

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- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female RED connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
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	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE** 2007-2018 JEEP WRANGLER JK AT

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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**

<sup>®</sup>maestro

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

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

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

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# **NEED HELP?**





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### maestro **Ar**

# **INSTALLATION INSTRUCTIONS**

#### STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

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#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE** 2007-2018

# JEEP WRANGLER JK MT

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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### maestro **Ar**

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#### STEP 1

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#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

#### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• To connect reverse camera, connect PURPLE/WHITE Reverse Light (+) wire from aftermarket radio to White/ Gray wire in harness in passenger kick panel.

### STEP 7

• Connect all the harnesses to the Maestro RR module.

#### The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.



# **INSTALL GUIDE**

### 2008-2009 MITSUBISHI RAIDER

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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**

<sup>®</sup>maestro

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

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

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

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### **NEED HELP?**





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# **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



### If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

### If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female RED connector to the male BLACK connector.

#### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

2009-2012 RAM PICKUP

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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

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

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# **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



### If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

### If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.



# WIRING DIAGRAM





### TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both). Refer to radio's owners manual to verifie if the radio has this function:
	or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2008-2011 VOLKSWAGEN ROUTAN

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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**

<sup>®</sup>maestro

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

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

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

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# **INSTALLATION INSTRUCTIONS**

#### STEP 1

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH1 T-harness and match the wire functions.

#### STEP 2

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.



### If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH1 T-harness.

### If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

#### STEP 3

• Plug the female BLACK connector to the male BLACK connector.

#### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.


# WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing <b>RED ONCE</b> .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).
	Refer to radio's owners manual to verifie if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset

#### MAESTRO RR RESET PROCEDURE:

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

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

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

#### TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

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



# **INSTALL GUIDE**

### 2012-2014 VOLKSWAGEN ROUTAN

#### **RETAINS STEERING WHEEL CONTROLS AND MORE!**



**PRODUCTS REQUIRED** iDatalink Maestro RR or RR2 Radio Replacement Interface

**PROGRAMMED FIRMWARE** ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide OPTIONAL ACCESSORIES HRN-AV-CH1

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#### STEP 3

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### STEP 4

• Connect the factory harness to the CH1 T-harness.

### STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

#### STEP 6

• Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities.

Reassemble the dashboard carefully.



# WIRING DIAGRAM





## TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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