

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

2014-2022 HARLEY-DAVIDSON ELECTRA GLIDE

RETAINS HANDLE BAR CONTROLS



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface iDatalink Maestro HD2 Installation Harness Non-iDatalink Compatible Radio

PROGRAMMED FIRMWARE

ADS-RR(SR)-HD02-DS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

ACC-RR-WPB ACC-ABP-HD2 ACC-USB-HD2

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

[®]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.

TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Module Diagnostics	5
Troubleshooting Table	6

NEED HELP?





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INSTALLATION INSTRUCTIONS P1/1

If retaining the OEM Amplifier:

- Before removing the factory radio, hold down the radio's mute/power button and turn the key ON (ignition switch on the handlebars must also be ON).
- Keep holding the power button until the radio menus turn orange; choose 'accept' and it will go into diagnostic menu mode.
- Go to: Audio > EQ > Write down the 3-digit bin file number for the EQ. You will need to enter this number once the new radio is installed.

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Remove the factory radio.
- Cut and remove the RCA junction connectors. Connect every wire from the aftermarket radio main harness to the HD2 T-harness and match the wire functions.

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

STEP 2

• Connect the HD2 T-harness to the vehicle.

STEP 3

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.

STEP 4

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

To retain the OEM amplifier, enter the Bin EQ number from the menus of the OEM radio:

- In the setup menu of the radio, go to: OEM Setup > Vehicle Settings > Amp Settings > Audio System.
- Enter the Bin EQ number you got from the factory radio menus one digit at a time, by tapping the number spaces on the screen. Choose 'Confirm' and the bin EQ file will be written to the system.

Note: Because the vehicle is not equipped with illumination or reverse gear signals, these outputs can be triggered manually by configuring them as steering wheel control commands during the flashing process in Weblink.



WIRING DIAGRAM





MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
• or •		RED or GREEN flashing	LED flashes 1 or more times, either red or green, when a steering wheel button is pressed : normal operation.
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VIDEO HELP	Installation, product information, vehicle specific videos.
VERIFY FLASH	Last flash information, steering control configuration, vehicle information.
WEBLINK	Software to program module.



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Sound is very quiet.	Cut and remove the RCA connectors and connect the wires to the speaker outputs of the radio.
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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

2014-2022 HARLEY-DAVIDSON ROAD GLIDE

RETAINS HANDLE BAR CONTROLS



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface iDatalink Maestro HD2 Installation Harness Non-iDatalink Compatible Radio

PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide

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TABLE OF CONTENTS

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Troubleshooting Table	6

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- Keep holding the power button until the radio menus turn orange; choose 'accept' and it will go into diagnostic menu mode.
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STEP 1

- Unbox the aftermarket radio and locate its main harness.
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Note: only connect purple/white wire to radio reverse input or module damage will occur.

STEP 2

• Connect the HD2 T-harness to the vehicle.

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- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.

STEP 4

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

To retain the OEM amplifier, enter the Bin EQ number from the menus of the OEM radio:

- In the setup menu of the radio, go to: OEM Setup > Vehicle Settings > Amp Settings > Audio System.
- Enter the Bin EQ number you got from the factory radio menus one digit at a time, by tapping the number spaces on the screen. Choose 'Confirm' and the bin EQ file will be written to the system.

Note: Because the vehicle is not equipped with illumination or reverse gear signals, these outputs can be triggered manually by configuring them as steering wheel control commands during the flashing process in Weblink.



WIRING DIAGRAM





MODULE DIAGNOSTICS



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TROUBLESHOOTING TABLE

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

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INSTALL GUIDE 2014-2022

HARLEY-DAVIDSON STREET GLIDE

RETAINS HANDLE BAR CONTROLS



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface iDatalink Maestro HD2 Installation Harness Non-iDatalink Compatible Radio

PROGRAMMED FIRMWARE

ADS-RR(SR)-HD02-DS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

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TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Module Diagnostics	5
Troubleshooting Table	6

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INSTALLATION INSTRUCTIONS P1/1

If retaining the OEM Amplifier:

- Before removing the factory radio, hold down the radio's mute/power button and turn the key ON (ignition switch on the handlebars must also be ON).
- Keep holding the power button until the radio menus turn orange; choose 'accept' and it will go into diagnostic menu mode.
- Go to: Audio > EQ > Write down the 3-digit bin file number for the EQ. You will need to enter this number once the new radio is installed.

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Remove the factory radio.
- Cut and remove the RCA junction connectors. Connect every wire from the aftermarket radio main harness to the HD2 T-harness and match the wire functions.

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

STEP 2

• Connect the HD2 T-harness to the vehicle.

STEP 3

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.

STEP 4

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

To retain the OEM amplifier, enter the Bin EQ number from the menus of the OEM radio:

- In the setup menu of the radio, go to: OEM Setup > Vehicle Settings > Amp Settings > Audio System.
- Enter the Bin EQ number you got from the factory radio menus one digit at a time, by tapping the number spaces on the screen. Choose 'Confirm' and the bin EQ file will be written to the system.

Note: Because the vehicle is not equipped with illumination or reverse gear signals, these outputs can be triggered manually by configuring them as steering wheel control commands during the flashing process in Weblink.



WIRING DIAGRAM





MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
• or •		RED or GREEN flashing	LED flashes 1 or more times, either red or green, when a steering wheel button is pressed : normal operation.
•		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
•		2 RED flashes	Problem detected. Consult troubleshooting table.
•		1 GREEN flash	After radio boots up : Normal operation.
	•	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
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VIDEO HELP	Installation, product information, vehicle specific videos.
VERIFY FLASH	Last flash information, steering control configuration, vehicle information.
WEBLINK	Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Sound is very quiet.	Cut and remove the RCA connectors and connect the wires to the speaker outputs of the radio.
The light on the Maestro is blinking RED TWICE .	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
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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 2014-2022

HARLEY-DAVIDSON TRI GLIDE

RETAINS HANDLE BAR CONTROLS



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface iDatalink Maestro HD2 Installation Harness Non-iDatalink Compatible Radio

PROGRAMMED FIRMWARE

ADS-RR(SR)-HD02-DS

ADDITIONAL RESOURCES Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

ACC-RR-WPB ACC-ABP-HD2 ACC-USB-HD2

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TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Module Diagnostics	5
Troubleshooting Table	6

NEED HELP?





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INSTALLATION INSTRUCTIONS P1/1

If retaining the OEM Amplifier:

- Before removing the factory radio, hold down the radio's mute/power button and turn the key ON (ignition switch on the handlebars must also be ON).
- Keep holding the power button until the radio menus turn orange; choose 'accept' and it will go into diagnostic menu mode.
- Go to: Audio > EQ > Write down the 3-digit bin file number for the EQ. You will need to enter this number once the new radio is installed.

STEP 1

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

• Connect the HD2 T-harness to the vehicle.

STEP 3

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Note: Because the vehicle is not equipped with illumination or reverse gear signals, these outputs can be triggered manually by configuring them as steering wheel control commands during the flashing process in Weblink.



WIRING DIAGRAM





MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
• or •		RED or GREEN flashing	LED flashes 1 or more times, either red or green, when a steering wheel button is pressed : normal operation.
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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Sound is very quiet.	Cut and remove the RCA connectors and connect the wires to the speaker outputs of the radio.
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INSTALL GUIDE

2014-2022 HARLEY-DAVIDSON ULTRA GLIDE

RETAINS HANDLE BAR CONTROLS



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PROGRAMMED FIRMWARE

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TABLE OF CONTENTS

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