

# INSTALL GUIDE WITH MUS1 DASH KIT

RETAINS STEERING WHEEL CONTROLS, SYNC™ VOICE COMMANDS, SYNC™ BLUETOOTH, CLIMATE CONTROLS AND MORE!

## **PRODUCTS REQUIRED**

iDatalink Maestro RR Radio Replacement Interface iDatalink Maestro MUS1 Installation Kit

### **OPTIONAL ACCESSORIES**

None

### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS2-EN

**NOTICE:** Automotive Data Solutions Inc. (ADS) accepts no responsability for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. ADS recommends having this installation performed by a certified technician. Please review this guide carefully before beginning any work. Logos and trademarks used herein are the properties of their respective owners.







#### WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now s few simple steps away from enjoying your new car radio with enhanced features. To complete the installation of your product, please follow the step-by-step instructions outlined below.

#### **1- INSTALL THE WEBLINK UPDATER PLUG-IN**

- Go to "idatalinkmaestro.com/plugin" and read the system requirements.
- Click the DOWNLOAD NOW button and run the setup.exe file.

#### **2- REGISTER A WEBLINK ACCOUNT**

- Go to "idatalinkmaestro.com/register" and complete the CONSUMER registration form.
- You will receive a confirmation email. Click on the included link to activate your Weblink account.

#### 3- PROGRAM FIRMWARE TO YOUR MAESTRO MODULE

- Connect your Mestro module to your PC using the included
- USB programming cable included in your iDatalink Maestro box.
- Follow the WEBLINK REFERENCE included on page 4.

#### 4- INSTALL YOUR MAESTRO MODULE IN YOUR VEHICLE

- Follow the INSTALLATION INSTRUCTIONS listed on page 5.
- See the ILLUSTRATIONS on page 6.
- Refer to the WIRING DIAGRAM included on page 7.

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- 1- Visit maestro.idatalink.com and click on FLASH YOUR MODULE to access the WEBLINK menu.
- 2- Log in if you are already registered.
- 3- Create an account if you are not registered.
- 4- Select your vehicle's make, year and model.
- **5-** Select your vehicle's factory radio trim. This is not to be confused with the aftermarket radio that you are about to install.
- 6- Select the steering wheel that matches the one in your vehicle. Only the radio related control buttons must match. Cruise control buttons and other kinds of buttons are not important. If you choose a non matching steering wheel, some SYNC features may not work.
- **7-** Select the brand and the model of the aftermarket radio that you are about to install.
- 8- This menu will not appear if the radio is not compatible. If the menu select connection type appears, choose iDatalink serial cable. It will offer you all the data features on compatible radios. (The wired remote input will only offer basic analog features.) After choosing iDatalink serial cable, enter the radio serial number.
- **9-** Select the MUS1 dash kit.
- **10-** On this screen, check the boxes next to the features you wish to retain and uncheck the ones you want to remove. If a feature is grayed out, it cannot be retained with the current selection. Click on the feature to see how to retain it. If a feature is not shown, it is not available for the selected vehicle.
- **11-** If the vehicle is equipped with a Sony or THX system and you are planning to use an aftermarket speaker amplifier instead of the factory speaker amplifier you must uncheck the factory amplifier option for the fader and balance to work.
- **12-** Click to change the functions of your steering wheel buttons and your button bar.If a function is not shown in the drop down menu, it means that it's not supported by the radio.
- **13-** Click to view and print your wallet card.
- 14- Click to see your install guide.
- **15-** This is a wallet card example.



Every step description is illustrated on the following pages.

#### STEP 1:

- Unbox the MUS1 dash kit and the aftermarket radio.
- Insert the storage pocket into the backside of the MUS1 radio panel and secure it with the screws included in the dash kit.
- Choose 3 button covers and secure them onto the button bar.
- Secure the MUS1 steel radio brackets to the aftermarket radio using the screws included with the aftermarket radio.

#### NOTE:

To replace a button cover, unscrew the button bar from the backside of the dash kit and remove the button cover carefully.

#### **STEP 2:** (with SYNC only)

- Unscrew and remove the 4 screws located under the glove box then open and remove the glove box carefully.
- Locate the SWI 2 wire in the vehicle SYNC harness.
- 2010-2012 Mustang: small gauge BLUE/ORANGE wire. (Warning: a bigger gauge blue/red wire is located in the harness.)
- 2013-2014 Mustang: small gauge BLUE wire. (Warning: multiple blue wires are located in the harness.)
- Use a multimeter to test the SWI 2 wire.
- Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button. Once the SWI 2 wire is located and tested, go to the next step.

#### STEP 3:

- Remove the shifter cover then remove the central console cover carefully.
- Unscrew and remove the original radio panel. The plug from this panel will not be reused.
- Disconnect the factory radio and keep its factory harness accessible for later use.

#### STEP 4:

• Connect every wire from the aftermarket radio main harness to the MUS1 T-harness and match the wire colors.

#### STEP 5: (with SYNC only)

- Cut the SWI 2 INPUT wire.
- Insulate the SWI 2 INPUT wire going to the SYNC module.
- Connect the PINK/RED wire of MUS1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

#### STEP 6:

• Connect the factory harness to the MUS1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

#### STEP 7:

- Access the OBDII connector located under the driver side dashboard.
- Connect the RED/BROWN wire of MUS1 T-harness to WHITE/BLUE wire of the OBDII connector located at pin 6.
- Connect the YELLOW/BROWN wire of MUS1 T-harness to the WHITE wire of the OBDII connector located at pin 14.

#### STEP 8:

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

#### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

#### STEP 9:

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.

#### **STEP 10:**

• Connect all the harnesses to the MUS1 radio panel then program the module.

#### MODULE PROGRAMMING:

- Open the vehicle driver door, insert the key into the ignition and turn it to the ACC position.
- The OEM Bluetooth is OFF by default. To activate it, go to the radio screen, scroll down to FORD SETUP, press SET, go to the OEM Bluetooth and press ON, then Press the BACK button (circular shaped arrow).
- Scroll down, press FINISH and wait. Press START, then press NEXT.
- Now follow the radio screen instructions while performing the following steps: Turn the key to the OFF position, then to the ACC position, turn it back to the OFF position, then to the ACC position. The module is now programmed and ready to be used. To access the new menus, press on FORD FEATURES.
- Test all the functionalities then reassemble the dashboard carefully.

#### TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

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![](_page_4_Figure_5.jpeg)

WIRING DIAGRAM

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![](_page_5_Figure_3.jpeg)