HOW TO USE THIS INSTALL GUIDE

1. Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.

2. Print only the pages for your vehicle using the advanced options in the Print menu.

3. Install your Maestro AR according to the guide for your vehicle.

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

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
INSTALL GUIDE
FORD EDGE
2011-2017

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

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>
SETTNGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume

- Mid Tone Control
  Not applicable

- Treble Tone Control
  Tweeter Output Gain

- Surround Control
  Not applicable

- Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1
• Remove the factory amplifier [refer to wire chart for amplifier location].
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2
• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3
• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4
• Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

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

**STEP 1**

```
|-------|-------|-------------|------------|-------------|--------------|-------------|------------|-------------|--------------|-------------|------------|-----------|-----------|-------|-------------|
```

**STEP 2**

```
<table>
<thead>
<tr>
<th>LF SPEAKER</th>
<th>RF SPEAKER</th>
<th>LR SPEAKER</th>
<th>RR SPEAKER</th>
<th>LF TWEETER</th>
<th>RF TWEETER</th>
<th>CENTER CH</th>
<th>REAR CNTR CH</th>
<th>SUB 1</th>
<th>SUB 2</th>
</tr>
</thead>
</table>
```

**STEP 3**

- **KENWOOD AMPLIFIER**
- **SECONDS AMP**

**STEP 4**

```
<table>
<thead>
<tr>
<th>N.C.</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
</table>
```

**CONNECTION NOT REQUIRED**

- **18 PIN CONNECTOR**
- **DATA CABLE**
- **FACTORY AMPLIFIER HARNESS**
- **AR-FO2 T-HARNESS**
- **MAESTRO AR MODULE**

**WIRE CONNECTIONS**

- Connect the blue wire (pin 16) to the second amplifier (if present) (to turn it on).

**WIRING DIAGRAM**

- Connect the wires from the vehicle to the appropriate connectors.

---

**FORD EDGE 2011-2017**

Automotive Data Solutions Inc. © 2017

ADS-AR-FOR02

maestro.idatalink.com 5
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
<th>Component Position</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
<td><strong>Speaker Wire Description</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
<td>Left Front Speaker (+)</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Speaker (-)</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
<td>Left Front Tweeter (+)</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Tweeter (-)</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
<td>Right Front Speaker (+)</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Speaker (-)</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
<td>Right Front Tweeter (+)</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Tweeter (-)</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
<td>Left Rear Speaker (+)</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
<td>Left Rear Speaker (-)</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
<td>Right Rear Speaker (+)</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
<td>Right Rear Speaker (-)</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
<td>Rear Tweeter (+)</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
<td>Center Channel (+)</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
<td>Center Channel (-)</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
<td>Left Rear Subwoofer (+)</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Left Rear Subwoofer (-)</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
<td>Right Rear Subwoofer (+)</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Right Rear Subwoofer (-)</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

- (2011-2014): Right C-pillar
- (2015-2017): Behind left quarter panel
INSTALL GUIDE
FORD ESCAPE
2013-2016

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-FOR02

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:

• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1
• Remove the factory amplifier [refer to wire chart for amplifier location].
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2
• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3
• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4
• Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

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

STEP 1

CONNECT THE BLUE WIRE (PIN 16) TO SECOND AMPLIFIER (IF PRESENT) (TO TURN IT ON)

STEP 2

FACTORY AMPLIFIER HARNESSES

STEP 3

KENWOOD AMPLIFIER

STEP 4

MAESTRO AR MODULE

CONNECTION NOT REQUIRED
VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Tag</td>
<td>Wire Color</td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Left front of luggage compartment
INSTALL GUIDE
FORD EXPEDITION
2015-2017

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED Firmware
ADS-AR-FO202

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:
• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

**STEP 1**
- Remove the factory amplifier [refer to wire chart for amplifier location].
- Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

**STEP 2**
- Connect the factory amplifier harnesses to the AR-FO2 T-harness.

**STEP 3**
- Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

**STEP 4**
- Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

- 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/
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Behind left quarter panel**
INSTALL GUIDE
FORD EXPLORER
2011-2015
ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
WITHOUT CHANGING YOUR RADIO.

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-FO02

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume

- Mid Tone Control
  Not applicable

- Treble Tone Control
  Tweeter Output Gain

- Surround Control
  Not applicable

- Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1

• Remove the factory amplifier [refer to wire chart for amplifier location].
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2

• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3

• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

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/”
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Base of right C-pillar**
INSTALL GUIDE
FORD EXPLORER
2016-2017

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-FOR02

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:
• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1

• Remove the factory amplifier (refer to wire chart for amplifier location).
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2

• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3

• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

• Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

• 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/”
# VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note 1: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Note 2: The wires for the subwoofer are not pinned in the FO2 harness. Because the subwoofer is located near the factory amplifier, the wires can be connected directly at the subwoofer instead.

**Amplifier location**

**Base of right C-pillar**
INSTALL GUIDE
FORD F150
2013-2017

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED Firmware
ADS-AR-AR02

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:

• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3

- Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

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/
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

- **[2013-2014]**: Under center console
- **[2015-2017 regular cab]**: Base of left B-pillar
- **[2015-2017 Super cab/Crew cab]**: Base of left C-pillar
INSTALL GUIDE
FORD F250
2013-2017

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-F02 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-F0R02

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

Settings and Features 3

Installation Instructions 4

Wiring Diagram 5

Vehicle Wire Reference Chart 6
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:

• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume
• Mid Tone Control
  Not applicable
• Treble Tone Control
  Tweeter Output Gain
• Surround Control
  Not applicable
• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

**STEP 1**
- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-F02 T-harness as shown on the wiring diagram.

**STEP 2**
- Connect the factory amplifier harnesses to the AR-F02 T-harness.

**STEP 3**
- Connect the wires from the AR-F02 T-harness to the aftermarket amplifier.

  **Note 1:**
  If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

  **Note 2:**
  The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-F02 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

**STEP 4**
- Connect all the harnesses to the Maestro AR module.

  **Note 3:**
  The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

  **Note 4:**
  There will no longer be any audible beeps from the OEM radio when using the radio menus.

• 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/”
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Tag</th>
<th>Wire Color</th>
<th>Speaker Wire Description</th>
<th>Component Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
<td>Left Front Speaker (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Speaker (-)</td>
<td></td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
<td>Left Front Tweeter (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Tweeter (-)</td>
<td></td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
<td>Right Front Speaker (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Speaker (-)</td>
<td></td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
<td>Right Front Tweeter (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Tweeter (-)</td>
<td></td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
<td>Left Rear Speaker (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
<td>Left Rear Speaker (-)</td>
<td></td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
<td>Right Rear Speaker (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
<td>Right Rear Speaker (-)</td>
<td></td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
<td>n/a</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
<td>Center Channel (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
<td>Center Channel (-)</td>
<td></td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
<td>Left Rear Subwoofer (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Left Rear Subwoofer (-)</td>
<td></td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
<td>Right Rear Subwoofer (+)</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Right Rear Subwoofer (-)</td>
<td></td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

### Amplifier location

**Crew cab:** Base of left C-pillar  
**Super cab:** Rear center of floor
INSTALL GUIDE
FORD F350
2013-2017
ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
WITHOUT CHANGING YOUR RADIO.

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

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

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

NEED HELP?

1 866 427-2999

support@idataLink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

Settings and Features 3

Installation Instructions 4

Wiring Diagram 5

Vehicle Wire Reference Chart 6
CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:
- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume

- Mid Tone Control
  Not applicable

- Treble Tone Control
  Tweeter Output Gain

- Surround Control
  Not applicable

- Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1
• Remove the factory amplifier (refer to wire chart for amplifier location).
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2
• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3
• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4
• Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

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

STEP 1
- BLACK/WHITE
- BLACK
- BLUE

STEP 2
- FACTORY AMPLIFIER HARNESSES

STEP 3
- KENWOOD AMPLIFIER

STEP 4
- MAESTRO AR MODULE

DATA CABLE
18 PIN CONNECTOR
AMP TURN ON
N.C.

SECOND AMP
CONNECT THE BLUE WIRE (PIN 16) TO SECOND AMP (IF PRESENT) (TO TURN IT ON)

AR-FO2 T-HARNESS
WIRING DIAGRAM

CONNECTION NOT REQUIRED
# VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
<th>Component Position</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
<td><strong>Speaker Wire Description</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
<td>Left Front Speaker [+</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Speaker [-]</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
<td>Left Front Tweeter [+]</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Tweeter [-]</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
<td>Right Front Speaker [+]</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Speaker [-]</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
<td>Right Front Tweeter [+]</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Tweeter [-]</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
<td>Left Rear Speaker [+]</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
<td>Left Rear Speaker [-]</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
<td>Right Rear Speaker [+]</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
<td>Right Rear Speaker [-]</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
<td>n/a</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
<td>Center Channel [+]</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
<td>Center Channel [-]</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
<td>Left Rear Subwoofer [+]</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Left Rear Subwoofer [-]</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
<td>Right Rear Subwoofer [+]</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Right Rear Subwoofer [-]</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Crew cab**: Base of left C-pillar

**Super cab**: Rear center of floor
INSTALL GUIDE
FORD FLEX
2013-2017

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

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Settings and Features</td>
<td>3</td>
</tr>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
SETTNGS AND FEATURES

CHIME ADJUSTMENT
Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:
• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES
These tone control features can be adjusted in the settings of the radio.

FACTORY CONTROL FEATURES:
• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1
- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2
- Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3
- Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

  Note 1:
  If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

  Note 2:
  The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4
- Connect all the harnesses to the Maestro AR module.

  Note 3:
  The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

  Note 4:
  There will no longer be any audible beeps from the OEM radio when using the radio menus.

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

STEP 1

- 18 PIN CONNECTOR
- AMP TURN ON
- N.C.
- SECOND AMP
- CONNECT THE BLUE WIRE (PIN 16) TO SECOND AMPLIFIER (IF PRESENT) TO TURN IT ON

STEP 2

- FACTORY AMPLIFIER HARNESSES
- WIRES FROM VEHICLE

STEP 3

- KENWOOD AMPLIFIER
- 18 PIN CONNECTOR
- AMP TURN ON
- N.C.
- SECOND AMP
- CONNECT THE BLUE WIRE (PIN 16) TO SECOND AMPLIFIER (IF PRESENT) TO TURN IT ON

STEP 4

- MAESTRO AR MODULE

CONNECTION NOT REQUIRED
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Tag</td>
<td>Wire Color</td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Behind right rear quarter panel**
INSTALL GUIDE
FORD FOCUS
2012-2017

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-FOR02

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999
support@idatalink.com
maestro.idatalink.com/support
www.12voltdata.com/forum
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:
• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1
• Remove the factory amplifier (refer to wire chart for amplifier location).
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2
• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3
• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

Note 1:
If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:
The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4
• Connect all the harnesses to the Maestro AR module.

Note 3:
The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:
There will no longer be any audible beeps from the OEM radio when using the radio menus.

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/”
# VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th></th>
<th>Vehicle Wires</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Tag</td>
<td>Wire Color</td>
<td>Speaker Wire Description</td>
<td>Component Position</td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
<td>Left Front Speaker (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Speaker (-)</td>
<td>-</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
<td>Left Front Tweeter (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
<td>Left Front Tweeter (-)</td>
<td>-</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
<td>Right Front Speaker (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Speaker (-)</td>
<td>-</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
<td>Right Front Tweeter (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
<td>Right Front Tweeter (-)</td>
<td>-</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
<td>Left Rear Speaker (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
<td>Left Rear Speaker (-)</td>
<td>-</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
<td>Right Rear Speaker (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
<td>Right Rear Speaker (-)</td>
<td>-</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
<td>Center Channel (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
<td>Center Channel (-)</td>
<td>-</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
<td>Left Rear Subwoofer (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Left Rear Subwoofer (-)</td>
<td>-</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
<td>Right Rear Subwoofer (+)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
<td>Right Rear Subwoofer (-)</td>
<td>-</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Left front of luggage compartment**
INSTALL GUIDE
FORD FUSION
2013-2016

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-FO02

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

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

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

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:
• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control  
  Subwoofer Volume

• Mid Tone Control  
  Not applicable

• Treble Tone Control  
  Tweeter Output Gain

• Surround Control  
  Not applicable

• Speed Compensated Volume  
  None
INSTALLATION INSTRUCTIONS

**STEP 1**
- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

**STEP 2**
- Connect the factory amplifier harnesses to the AR-FO2 T-harness.

**STEP 3**
- Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.

  **Note 1:**
  If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

  **Note 2:**
  The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

**STEP 4**
- Connect all the harnesses to the Maestro AR module.

  **Note 3:**
  The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

  **Note 4:**
  There will no longer be any audible beeps from the OEM radio when using the radio menus.
**VEHICLE WIRE REFERENCE CHART**

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Tag</td>
<td>Wire Color</td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Right front of luggage compartment**
INSTALL GUIDE
FORD TAURUS
2013-2017

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

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-FO2 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-FOR02

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Settings and Features</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Instructions</td>
<td>4</td>
</tr>
<tr>
<td>Wiring Diagram</td>
<td>5</td>
</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>6</td>
</tr>
</tbody>
</table>
SETTINGS AND FEATURES

CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

CHIME ADJUSTMENT PROCEDURE:

• Set the audio source to OFF.
• Activate door or parking assist chime.
• Adjust the chime volume using the volume knob.

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

• Bass Tone Control
  Subwoofer Volume

• Mid Tone Control
  Not applicable

• Treble Tone Control
  Tweeter Output Gain

• Surround Control
  Not applicable

• Speed Compensated Volume
  None
INSTALLATION INSTRUCTIONS

STEP 1
• Remove the factory amplifier [refer to wire chart for amplifier location].
• Configure the 2 pin connectors on the AR-FO2 T-harness as shown on the wiring diagram.

STEP 2
• Connect the factory amplifier harnesses to the AR-FO2 T-harness.

STEP 3
• Connect the wires from the AR-FO2 T-harness to the aftermarket amplifier.
  
  Note 1:
  If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

  Note 2:
  The amplifier output colors and labels on the FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

• Plug the connector from the AR-FO2 T-Harness into the aftermarket amplifier.
• Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4
• Connect all the harnesses to the Maestro AR module.

  Note 3:
  The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

  Note 4:
  There will no longer be any audible beeps from the OEM radio when using the radio menus.

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

**STEP 1**
- Gray to Gray
- White to White
- Purple to Purple
- Green to Green
- Red to Red
- Blue to N.C.

**STEP 2**
- Factory Amplifier Harnesses
- Connect the blue wire (pin 16) to second amplifier (if present) (to turn it on)

**STEP 3**
- Kenwood Amplifier
- Data Cable
- Second Amp
- 18 Pin Connector
- Amp Turn On
- N.C.

**STEP 4**
- Maestro AR Module
- Connection Not Required

**DATA CABLE**
- White
- White/Black
- Gray
- Gray/Black
- Purple
- Purple/Black
- Green
- Green/Black
- Red
- Red/Black
- Black
- Black/White

**FACTORY AMPLIFIER HARNESS**
- LF SPEAKER
- RF SPEAKER
- LR SPEAKER
- RR SPEAKER
- LF TWEETER
- RF TWEETER
- CENTER CH
- REAR CNTR CH
- SUB 1
- SUB 2

**WIRING T-HARNESS**
- Blue Wire (Pin 16) to Second Amplifier (if present) (to turn it on)

**CONNECTION NOT REQUIRED**
- 18 Pin Connector
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>T-Harness Wires</th>
<th>Vehicle Wires</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire Tag</strong></td>
<td><strong>Wire Color</strong></td>
</tr>
<tr>
<td>LF SPEAKER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>LF TWEETER</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>White/Black</td>
</tr>
<tr>
<td>RF SPEAKER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>RF TWEETER</td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Gray/Black</td>
</tr>
<tr>
<td>LR SPEAKER</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Green/Black</td>
</tr>
<tr>
<td>RR SPEAKER</td>
<td>Purple</td>
</tr>
<tr>
<td></td>
<td>Purple/Black</td>
</tr>
<tr>
<td>REAR CNTR CH</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Red/Black</td>
</tr>
<tr>
<td>CENTER CH</td>
<td>Orange</td>
</tr>
<tr>
<td></td>
<td>Orange/Black</td>
</tr>
<tr>
<td>SUB 1</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
<tr>
<td>SUB 2</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Black/White</td>
</tr>
</tbody>
</table>

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

**Amplifier location**

**Left front of luggage compartment**