

# Installation Instructions for AX-ADCH01

## AX-ADCH01 Chrysler vehicles 2004-2009

The AX-ADCH01 is designed to and **MUST** be used with the AX-ADBOX1 or AX-ADBOX2 (*sold separately*). Please refer to AX-ADBOX1 or AX-ADBOX2 for 16-pin connector instructions.

### APPLICATIONS

#### CHRYSLER

300	2005-2007*
Aspen	2007*

#### DODGE

Caliber	2007-2009*
Charger	2005-2007*
Dakota	2005-2007*
Durango	2004-2007*
Magnum	2005-2007*
Ram	2006-2008*
Ram 2500/3500	2006-2009*

#### JEEP

Commander	2006-2007*
Compass	2007*
Grand Cherokee	2005-2007*
Patriot	2007*

#### MITSUBISHI

Raider	2006-2007*
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*Note: \* indicates if vehicle is amplified  
it is digitally amplified*

### INTERFACE COMPONENTS

22-pin harness to 22-pin Chrysler harness with stripped leads

4-pin harness with stripped leads

### TOOLS REQUIRED

- Cutting tool • Tape • Crimping tool
- Connectors (i.e. butt-connectors, bell caps, etc.)

### Caution

*Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.*

*\*Note: Refer also to the instructions included with the aftermarket radio.*

### CONNECTIONS TO BE MADE

**From the 16-pin harness with stripped leads** (*included with interface*)

- Connect the **White** wire to the left front positive speaker output of the aftermarket radio
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio
- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio

*Only make the following connections if the vehicle is amplified*

- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

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**CONNECTIONS TO BE MADE** *(continued)***From the 22-pin Chrysler harness:**

- Connect the **Yellow** wire to the radio's 12-volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Blue/White** wire to the radio's amp turn on wire if populated on the factory side

**Amplified vehicles:**

- Connect the two 4-pin connectors with the **Purples** and **Greens** wires in it together.

**Non-amplified vehicles:**

- Disconnect the two 4-pin connectors with the **Purples** and **Greens** in it.
- From the 22-way **Gray** connector, connect the 4-pin with the **Whites** and **Grays** to the 4-pin with the **Purples** and **Greens** coming from the **Black** 22-way connector.
- Connect the 4-pin harness with stripped leads to the 4-pin with the **Greens** and **Purples** coming from the **Gray** 22-pin connector.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

**12-Way Harness:**

This harness is for the ASWC-1 (sold separately). Please refer to the ASWC-1 instructions for programming.

**Installing the AX-ADCH01**

- With all connections completed to the aftermarket radio, plug the 22-pin harness into the vehicles wiring harness.
- Reconnect the negative battery terminal.
- Cycle the key, by turning the ignition on for 30 seconds. Then off and on again to test the radio.

**Testing the AX-ADCH01**

- Turn the ignition on if not already, and then turn the radio on to verify that the radio works. Check balance and fader controls for proper operation.
- To adjust the overall volume of your audio system, rotate the potentiometer which is located on the 16-pin side of the interface clockwise.