Hyundai/Kia Data Interface with Amplifier Bypass Harness & DSP 2011–2016

**INTERFACE FEATURES**
- Designed for SPDIF amplified sound systems
- Includes an amp bypass harness
- Retains BlueLink/UVO voice prompts
- All chimes/voice prompts go through the aftermarket amp
- Adjustable chime level
- Micro-B USB updatable

**INTERFACE COMPONENTS**
- AX-DSP-X
- AX-BASSKNOB
- AX-DSPX-HYKIA2 harness
- AX-DSP-X harness
- Amplifier bypass harness

**APPLICATIONS**

<table>
<thead>
<tr>
<th>Hyundai</th>
<th>Kia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elantra</td>
<td>Sportage</td>
</tr>
<tr>
<td>Veloster</td>
<td></td>
</tr>
<tr>
<td>2012–2017</td>
<td></td>
</tr>
</tbody>
</table>

**TOOLS & INSTALLATION ACCESSORIES REQUIRED**
- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties
- Tone generator

**TABLE OF CONTENTS**
- Connections ............................................................2
- Installation ..............................................................3-4

**Product Info**
An SPDT relay, Metra part number E-123, must be used if the amp turn-on current of all amps exceed 1-amp.

**Additionable Outputs**

For Optional Amps

- **Ch 6**
- **Ch 10**
- **Ch 7**
- **Ch 8**
- **Ch 9**

**RCA Jacks** (sold separately)

- White / Front Left +
- White/Black / Front Left -
- Gray / Front Right +
- Gray/Black Front Right -
- Green / Rear Left +
- Green/Black / Rear Left -
- Purple / Rear Right +
- Purple/Black / Rear Right -
- Brown/Yellow / Front Left Tweeter +
- Brown/Blue / Front Left Tweeter -
- White/Red / Front Right Tweeter +
- Red/White Front Right Tweeter -

**Black/Yellow** - Do Not Use

**Red/White RCA Jacks** - Do Not Use

**AX-DSP-X**

- Blue/White - Amp Turn-On Wire
- Red/White - Do Not Use

**AX-BASSKNOB**

- Blue/White - Do Not Use
- Red/White - Do Not Use
1. Locate the factory amp, unplug all connectors, then remove the amp.  
   **Note:** Amp location is on the following page.

2. Install the **AX-DSPX-HYKIA2 harness** and make all necessary connections, but leave the amp turn-on wire disconnected.

3. Plug the 16-pin and 20-pin connectors from the **AX-DSPX-HYKIA2 harness** into the **AX-DSPX-X**.

4. Download and install the AX-DSP-X app from the **Google Play Store** or **Apple App Store**.

5. Open the app and follow the instructions on the **Bluetooth Connection** tab to pair the mobile device to the AX-DSPX-X. (Figure A)

6. Scroll to the **Configuration** tab then select the vehicle type. Press the **Lock Down** button to save the configuration. (Figure B)

7. Connect the amp turn-on wire from the **AX-DSPX-HYKIA2 harness**. Click the **Identify** button to confirm that the AX-DSPX-HYKIA2 is connected properly. If so, a chime will be heard from the front left speaker. Test all functions of the installation for proper operation.  
   **Note:** The outputs may need to be configured within the **Outputs** tab.

8. Adjust the DSP settings in the app as desired. Refer to the instructions under the **Setup Instructions** tab, or online at [Axxessinterfaces.com](https://Axxessinterfaces.com) for an explanation of each tab in the app.

   **Continued on the next page**
### INSTALLATION (CONT’D)

**Amplifier Location**

**Hyundai**
- Elantra: Right side of trunk
- Veloster: Under passenger seat

**Kia**
- Sportage: Ride side of cargo area

---

Having difficulties? We’re here to help.

Contact our Tech Support line at:

**386-257-1187**

Or via email at:

techsupport@metra-autosound.com

**Tech Support Hours (Eastern Standard Time)**

- Monday - Friday: 9:00 AM - 7:00 PM
- Saturday: 10:00 AM - 7:00 PM
- Sunday: 10:00 AM - 4:00 PM

---

**Knowledge is Power**

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry.

Log onto wwwInstallerInstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

---

Metra recommends MECP certified technicians