Hyundai/Kia Data Interface with Amplifier Bypass Harness & DSP 2017-up

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
• AXDSP-X
• AXBK-1
• AXDSPX-HK4 harness
• AXDSP-X harness
• Amplifier bypass harness

APPLICATIONS
Hyundai Santa Fe 2017

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

RCA Jacks (sold separately)

- White / Front Left +
- Gray / Front Right +
- Green / Rear Left +
- Yellow/Blue / Front Left Tweeter +
- Yellow/Orange / Front Right Tweeter +
- Brown/White / Center +
- Dark Blue/Pink / Center +
- Red/White RCA Jacks - Do Not Use
- Blue/White - Amp Turn-On Wire
- Black/Yellow - Do Not Use
- Red/White RCA Jacks - Do Not Use
- Green/White / Sub 1 +
- White/Red / Sub 1 -
- Brown/Yellow / Sub 2 -
- Brown/Blue / Sub 2 +
- Purple/Black / Rear Right -
- Purple / Rear Right +
- Gray/Black / Rear Right -
- Gray / Front Right +
- White/Black / Front Left -
- Green/Black / Rear Left -
- Yellow/Black / Front Left Tweeter -
- Yellow/Orange / Front Right Tweeter -

Additionable Outputs For Optional Amps

Update Port

CH 6
CH 10
CH 7
CH 8
CH 9

Factory Amp Harness
AXBK-1

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

Factory Amp
(must be removed)
1. Locate the factory amp, unplug all connectors, then remove the amp. 
   **Note:** Amp location is on the following page.

2. Install the **AXDSP-HK4 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 **AXDSP-HK4 harness** into the **AXDSP-X**.

4. Download and install the AXDSP-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 AXDSP-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 **AXDSP-HK4 harness**. Click the **Identify** button to confirm that the AXDSP-HK4 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** for an explanation of each tab in the app.

*Continued on the next page*
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 www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

®
Metra recommends MECP certified technicians

INSTALLATION (CONT’D)

Amplifier Location
Hyundai
Santa Fe: Under passenger seat

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 www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians

AxxessInterfaces.com

© COPYRIGHT 2020 METRA ELECTRONICS CORPORATION

REV. 1/30/20 INSTAXDSPX-HK4

Hyundai
Santa Fe: Under passenger seat