A2B Data Interface with Amplifier Bypass Harness & DSP

Visit **Axxessinterfaces.com** for current application list.

Visit **MetraOnline.com** and **Axxessinterfaces.com** for harness and interface options.

INTERFACE FEATURES

- Designed for Sony A2B amplifiers
- A2B data interface with AXDSP-X (digital signal processor) built-in
- Includes an amplifier bypass harness
- Retains factory chimes including parking sensor chimes
- Retains SYNC voice prompts
- All chimes/voice prompts go through the aftermarket amplifier and/or cluster
- Adjustable chime level
- Micro-B USB updatable

INTERFACE COMPONENTS

- AXDSPX-A2B1 interface
- AXDSPX-A2B1 harness
  - AXDSPX-A2B1 interface harness (male connectors: 12-pin, 16-pin)
  - Amplifier bypass harness (female connectors: 16-pin, 16-pin)
- Radio T-harness
- AXBK-1

For **Dash Disassembly Instructions,** refer to **Metraonline.com.** Enter the year, make, and model of the vehicle in the **Vehicle Fit Guide for Radio Install kits.**

TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink • Tape • Wire cutter
- Zip ties

Google Play Store

Apple App Store
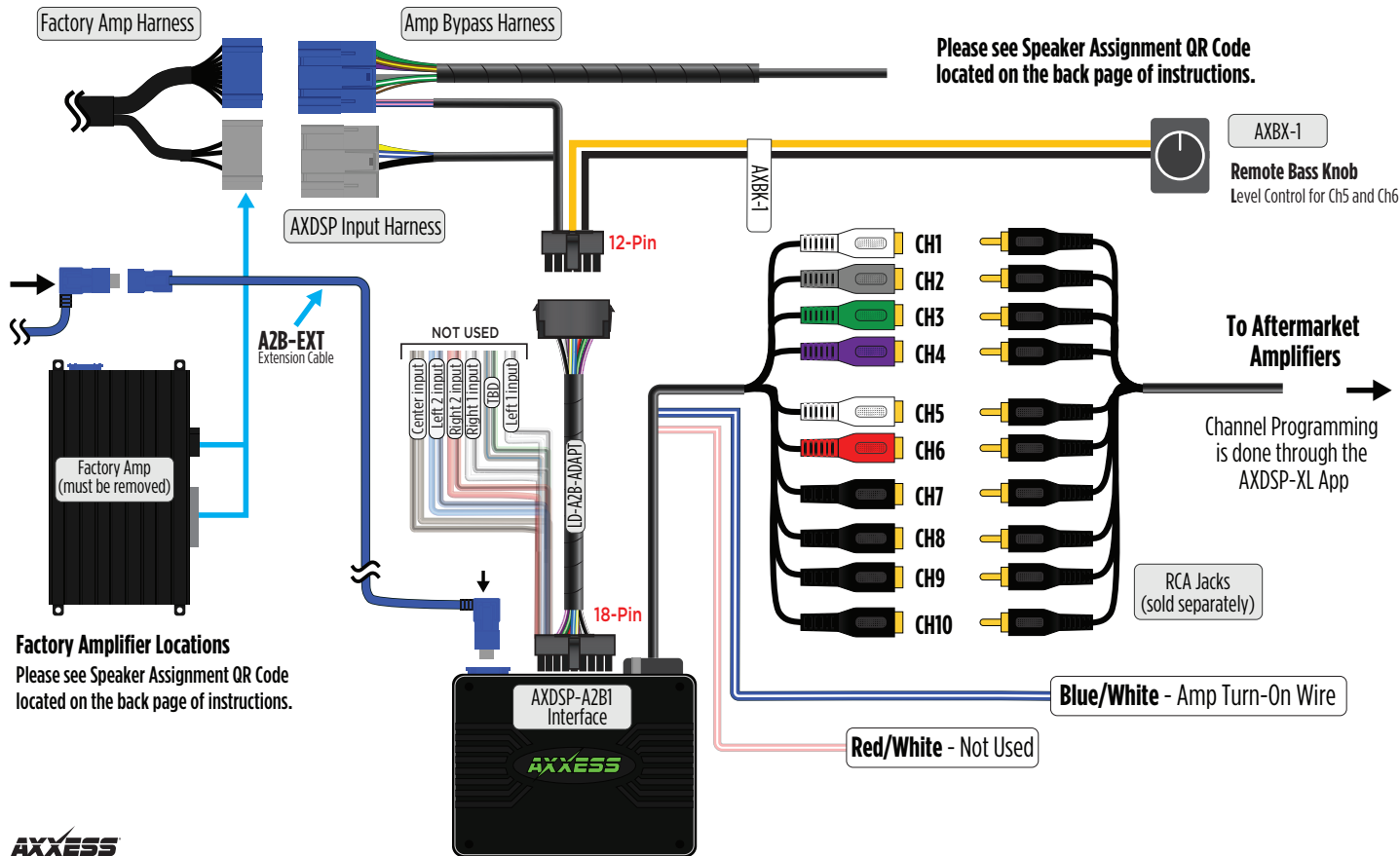iOS 12.1 or higher

Metraonline.com

ATTENTION: *With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product.*

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

Factory Amp Harness

Amp Bypass Harness

Please see Speaker Assignment QR Code located on the back page of instructions.

AXDSP Input Harness

AXBK-1

AXBX-1

Remote Bass Knob
Level Control for Ch5 and Ch6

A2B-EXT
Extension Cable

Factory Amp
(must be removed)

Factory Amplifier Locations
Please see Speaker Assignment QR Code located on the back page of instructions.

12-Pin

NOT USED

Center input
Left 2 input
Right 2 input
Right 1 input
TBD
Left 1 input

LD-A2B-ADAPT

18-Pin

AXDSP-A2B1
Interface

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CH1
CH2
CH3
CH4
CH5
CH6
CH7
CH8
CH9
CH10

To Aftermarket Amplifiers

Channel Programming is done through the AXDSP-XL App

RCA Jacks
(sold separately)

Blue/White - Amp Turn-On Wire

Red/White - Not Used

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Wire Insertion View
Viewed from where the wires go into the connector

LD-FDSPK1
22 Pin

Located Behind Dash

Factory Radio Chassis
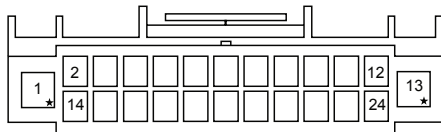
T-Harness Installation Location

Interface kit includes a T-harness to tap into the speakers powered from the vehicle radio chassis

Factory Radio Harness

NOTE: For Factory Amplifier Locations, please see **Speaker Assignment QR Code** located on the back page of these instructions.

Run speaker wires to aftermarket amplifier(s)

To OE Speakers

1. Locate the factory amp (†), unplug all connectors, then remove the amp.

2. Install the **AXDSPX-A2B1 harness** and make all necessary connections, but leave the amp turn-on wire disconnected.

   Note: Ensure the USB connector from the factory amp is connected to the AXDSPX-A2B1.

3. Plug the 12-pin and 16-pin connectors from the **AXDSPX-A2B1 harness** into the **AXDSPX-A2B1 interface**.

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 AXDSPX-A2B1. (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 **AXDSPX-A2B1 harness**.

8. Click the **Identify** button to confirm that the AXDSPX-A2B1 is connected properly. If so, a chime will be heard from the front left speaker or gauge cluster. Test all functions of the installation for proper operation.

9. 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.

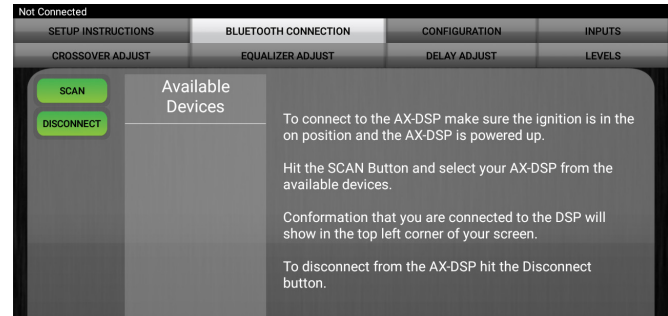**Note:** In these vehicles the factory radio powers some speakers.

　Escape: Front tweeters / Center channel
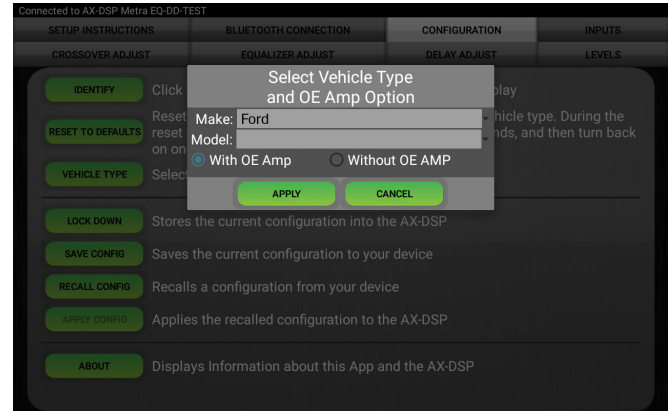　**Fusion:** Front tweeters / Front center channel / Rear center channel

(†) Amplifier Location

　Escape: Behind the left rear quarter panel
　Fusion: Behind the right rear quarter panel

(Figure A)

(Figure B)

A2B LED FEEDBACK

LED FEEDBACK	**1 blink every 5 seconds =** All good
	2 blinks every 5 seconds = No A2B signal
	3 blinks every 5 seconds = No CAN communication

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 - 5:00 PM
Sunday: 10:00 AM - 4:00 PM

Visit **AxxessInterfaces.com** for more detailed information about the product and up-to-date vehicle specific applications

Speaker Assignment

MECP mobile electronics certification program

Metra recommends MECP certified technicians

REV. 2/13/24 INSTAXDSPX-A2B1