AXDSPX-GMA2B1
INSTALLATION INSTRUCTIONS



A2B/DSP Data Interface
Fits Select GM Models **2023-2026**

INTERFACE COMPONENTS
- AXDSPX interface
- Vehicle-specific T-harness
- RCA output harness
- Bass knob

APPLICATIONS
Visit **AxxessInterfaces.com** for current application list

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.**

Metraonline.com

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

Download AX-DSP-XL App

Android™ 9 or higher

iOS 12.1 or higher

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 accessory before installing this device.

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REV. 7/24/26 INSTAXDSPX-GMA2B1

AXDSPX-GMA2B1 FEATURES & SPECIFICATIONS

VEHICLE-SPECIFIC FEATURES

- Designed for GM A2B amplifiers
- Package includes the AXDSP-X interface and vehicle-specific T-harness
- Voice prompts go through the aftermarket amplifier
- Install location: At the factory amplifier
- Micro “B” USB updatable
- 1-year limited warranty

SPECIFICATIONS

- Selectable 31-band Graphic EQ or 5-band parametric EQ on each channel with high-pass, low-pass, and bandpass filters
- 6 inputs and 10 individually assignable outputs
- Selectable slope (12, 24, 36, or 48db per octave)
- Selectable Graphic or Parametric EQ
- Independent equalization on each of the 10 outputs
- Each channel can be delayed independently up to 10 ms
- Chime control for GM vehicles
- Clipping detection and limiting circuits
- Bass knob included
- Retains OE voice prompts (OnStar®) if the vehicle is equipped
- Retains factory chimes, including parking sensor and cross-path detection alerts if the vehicle is equipped

INSTALLATION OPTIONS

Adding a subwoofer to a factory system:

This feature offers the ability to add a subwoofer to a factory system, whether amplified or non-amplified (Refer to **Page 3)**

Adding a full-range amp and subwoofer to a factory system:

This feature offers the ability to add a full-range amp and sub to a factory system, whether amplified* or non-amplified. (Refer to **Page 4**)

* For amplified models the amp must be bypassed/unplugged, and **With OE Amplifier** chosen in the **Configuration** tab under Vehicle Type. Use either Axxess **AXABH-CH2 or AXABH-CH4** (sold separately) to bypass the amp for best results.

Note: The interface provides a 12-volt 1-amp output to turn on aftermarket amp(s). If installing multiple amps, an SPDT automotive relay will be required if the amp turn-on current of all amps combined exceeds 1-amp. See MetraOnline.com for available relays.

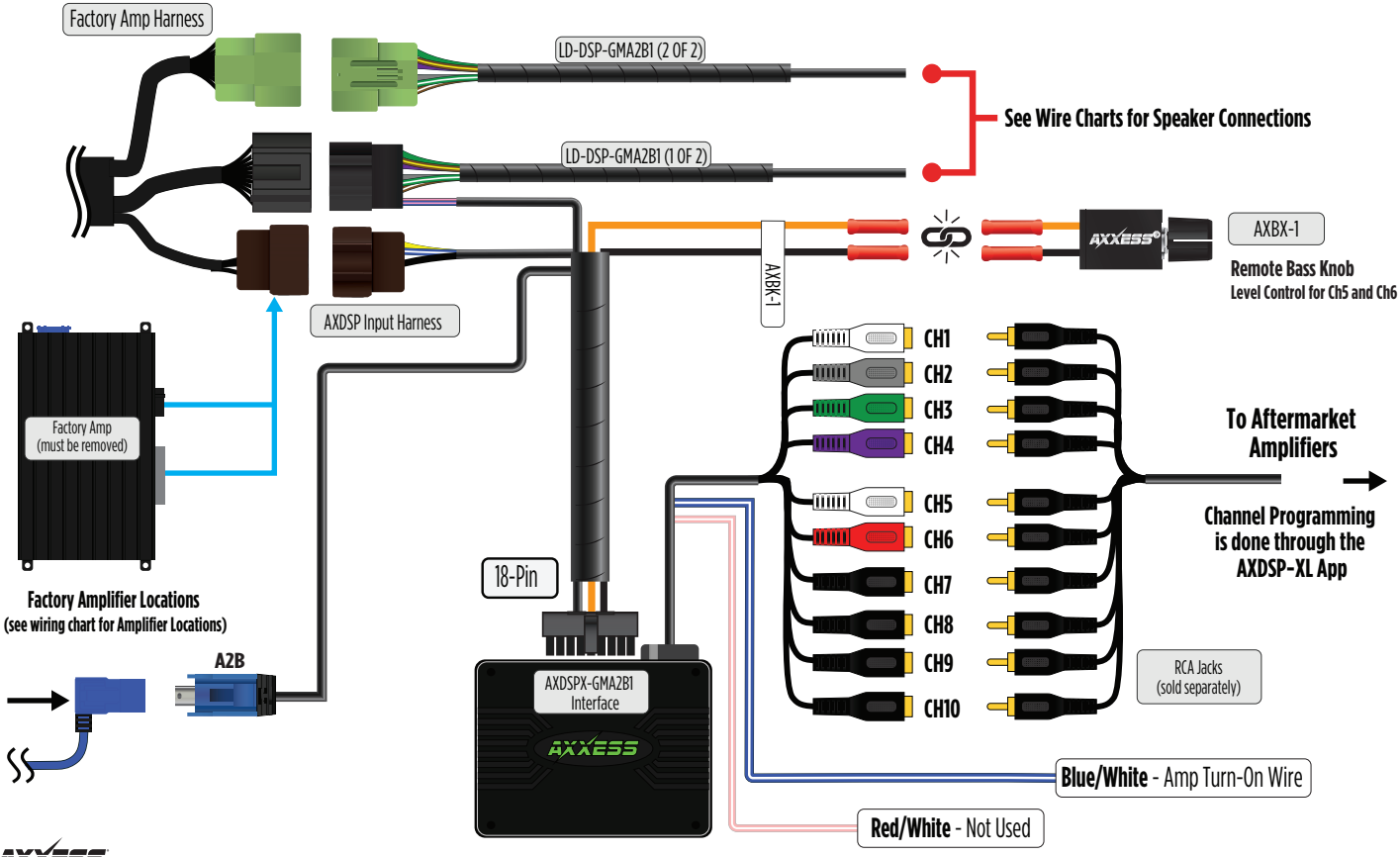
INSTALLATION

1. Disassemble the dash, unplug all connectors, and then remove the factory radio.*
2. Install the **AXDSPX-GMA2B1 vehicle T-harness** to the vehicle and make all necessary connections, but leave the amp turn-on wire disconnected.
3. Plug the **AXDSPX-GMA2B1 vehicle T-harness** to the **AXDSPX-GMA2B1 interface**.
4. Download and install the **AX-DSP-XL app** for your smart device.
5. Open the app then select the **Bluetooth® Connection** tab. Follow the instructions to pair the mobile device to the interface. Refer to **Page 6** for more information.
6. Scroll to the **Configuration** tab then select the vehicle type. Press the **Lock Down**** button to save the configuration. Refer to **Page 7** for more information.
7. Connect the amp turn-on wire.
8. Adjust the settings in the app as desired. Press the **Lock Down** ‡ button to save any new configurations.

* For dash disassembly instructions, refer to metraonline.com. Enter the year, make, and model of the vehicle in the Vehicle Fit Guide and find instructions under Metra Radio Install kits.

** Anytime the interface is locked down the key must be cycled off then back on.

CONNECTIONS

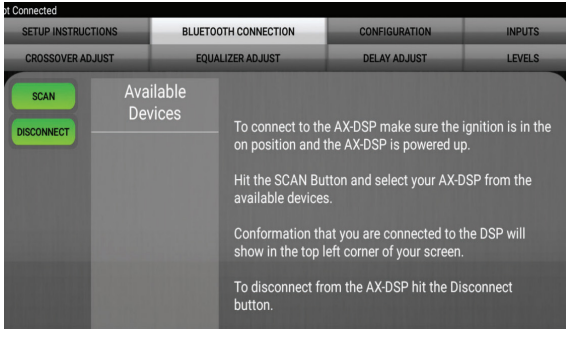


MOBILE APP: QUICK SETUP STEPS THROUGH AX-DSP-XL APP

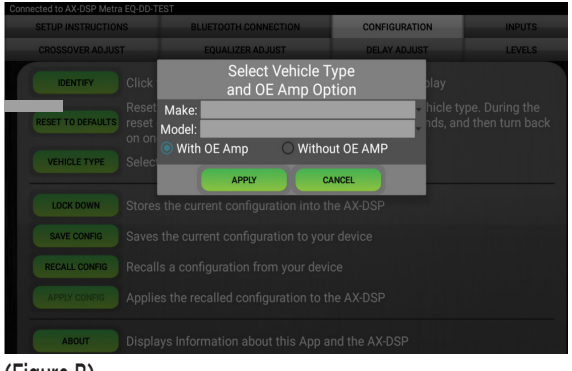
Download AX-DSP-XL App
Android® 9 or higher

iOS® 12.1 or higher

1. Download and install the **AX-DSP-XL app** for your smart device.
2. Turn Vehicle Ignition on. Make sure the Remote Turn on lead is disconnected.
3. Open the app: Select **Bluetooth Connections** page.
   - Select **Scan,** all available AXDSP devices within range will be displayed. Select your AXDSP and hit connect. (Figure A)
4. Select the Configuration page.
   - Select **Vehicle Type** Icon
   - Select the Vehicle Make:_____ (Example: **DODGE**)
   - Select the Vehicle's model: _____ (Example: **DURANGO**)
   - Select **With OE Amp** or **Without OE Amp**
   - Hit **Apply** (Figure B)
5. Make sure radio volume is all the way down.
6. Connect the amp turn-on wire from the **AXDSPX-GMA2B1 T-harness** to the aftermarket amplifiers.



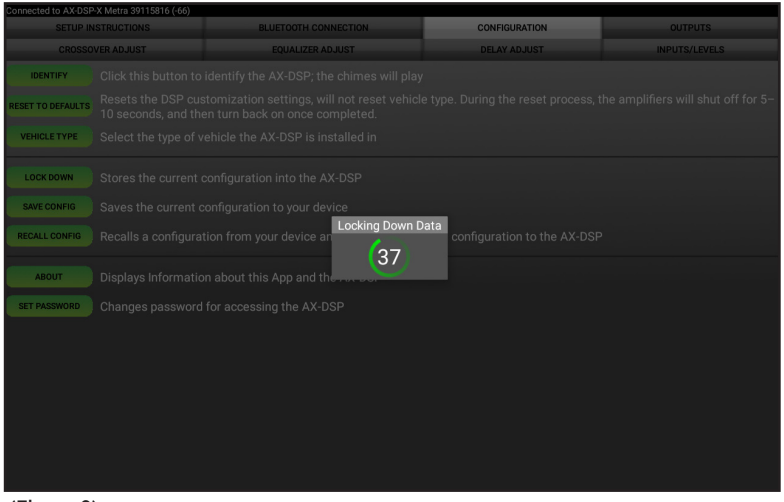
(Figure A)



(Figure B)

7. From the **Configuration** page click the **Identify** button to confirm that the **AXDSPX-GMA2B1** is connected properly. If so, a chime will be heard from the front left speaker.
8. Press the **Lock Down** button to save the configuration. (Do not turn ignition off until this process is completed) (Figure C)
9. Select the **Bluetooth Configurations** page and disconnect the DSPX.
10. Turn ignition off, close all door then lock vehicle using the key fob. The vehicle will need to sit uninterrupted for 10 minutes while the vehicle goes to sleep. (Make sure Key fob is 15 feet away from the vehicle)
11. Unlock Vehicle, turn ignition on and test radio's functions.
12. 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.

Locking Down Data



(Figure C)

Last and the most important:
You MUST lock down your configuration and cycle the key!!!

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

Metra recommends MECP certified technicians

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