AXXESS®

Mitsubishi **DSPX Interface w/Pre-Wired Harness 2007-Up**

INTERFACE FEATURES

- Designed for non-amplified models
- Includes a DSP (Digital Signal Processor)
- Selectable 31 Band Graphic EQ or 5 Band Parametric EQ
- 10 individually assignable outputs
- Independent equalization on each of the 10 outputs
- Independent high pass, low pass, and bandpass filters
- Each channel can be delayed independently up to 10ms
- Clipping detection and limiting circuits

(Features continued on next page)

INTERFACE COMPONENTS

- AXDSPX-MI2 interface
- AXDSPX-MI2 interface harness
- AXDSPX-MI2 vehicle T-harness • Bass knob
- AXDSPX-MI2 display T-harness

APPLICATIONS

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

www.MetraOnline.com

MetraOnline.com may be used to assist with dash assembly instructions. Simply enter your Year, Make, Model vehicle into the vehicle fit guide and look for the Dash Kit Installation Instructions.

TABLE OF CONTENTS

TOOLS & INSTALLATION ACCESSORIES REQUIRED

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

Google Play Store

Apple App Store
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.

INSTALLATION OPTIONS

Adding a subwoofer to a factory system:

The diagram on **Page 3** shows the connections that need to be made to add a subwoofer to the factory system.
Note: RCA jacks sold separately.)

Adding a full-range of amps and subwoofer to a factory system:

The diagram on **Page 4** shows the connections that need to be made to add: Subwoofer (RCA jacks sold separately)

Amplifier (SPDT relay E-123 required) or Additional Amp (RCA jacks sold separately).

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. Use Metra part number E-123 (sold separately) for best results.

FEATURES CONT.

- Easy behind the radio installation with pre-wired harness
- Bass knob included for level control of subwoofer amp
- Settings adjusted via Bluetooth® in a smart device application (tablet or mobile phone), compatible with both Android and Apple devices
- Read, write, and store configurations for future recall
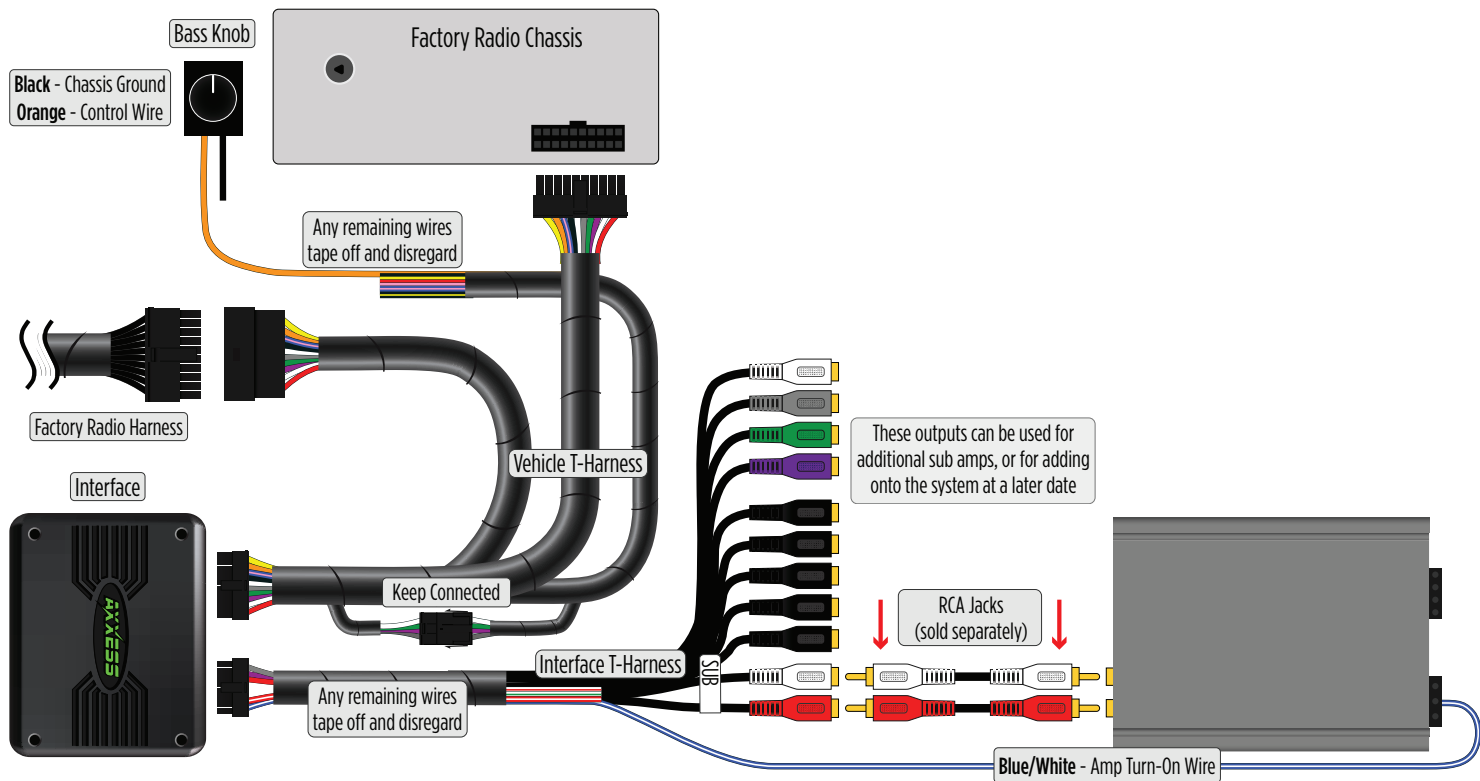- Password protect feature available in the mobile app
- USB Micro B updatable

INSTALLATION

1. Disassemble the dash, unplug all connectors, and then remove the factory radio.*
2. Install the **AXDSPX-MI2 vehicle T-harness** to the vehicle and make all necessary connections, but leave the amp turn-on wire disconnected.
3. Plug the **AXDSPX-MI2 vehicle T-harness** to the **AXDSPX-MI2 interface**.
4. Plug the **AXDSPX-MI2 interface harness** to the **AXDSPX-MI2 interface**.
5. Download and install the **AXDSP-XL** app from the **Google Play Store** or **Apple App Store**.
6. Open the app then select the **Bluetooth® Connection** tab. Follow the instructions to pair the mobile device to the interface. Refer to **Page 5** for more information.
7. Scroll to the **Configuration** tab then select the vehicle type. Press the **Lock Down**** button to save the configuration. Refer to **Page 6** for more information.
8. Connect the amp turn-on wire.
9. Adjust the settings in the app as desired. Press the **Lock Down**** button to save any new configurations.
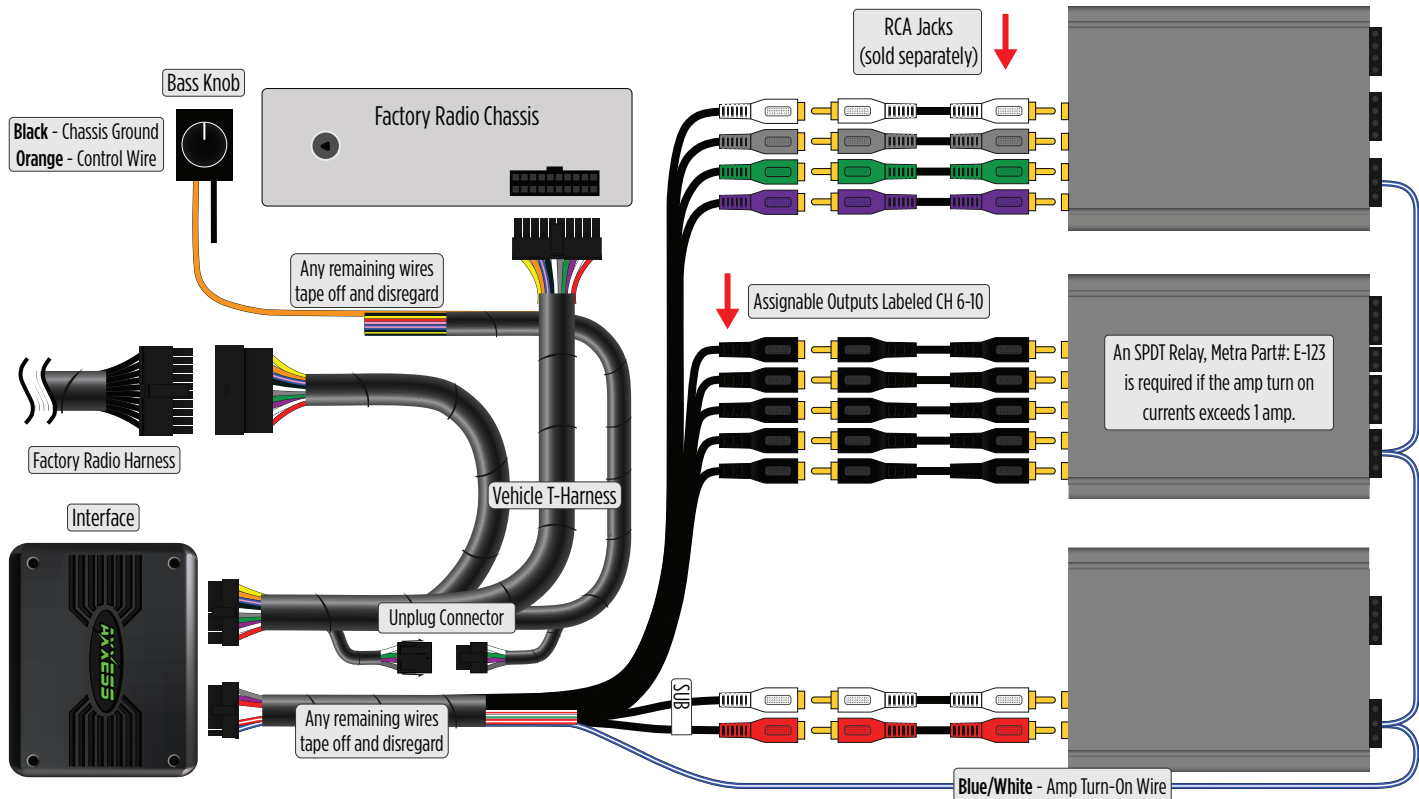
* For dash disassembly instructions, refer to **metraonline.com** Enter the year, make, and model of the vehicle in the Vehicle Fit Guide and find instructions under Metra Radio Install kits.

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

Bass Knob

Black - Chassis Ground
Orange - Control Wire

Factory Radio Chassis

Any remaining wires
tape off and disregard

Factory Radio Harness

Interface

Vehicle T-Harness

Keep Connected

Any remaining wires
tape off and disregard

Interface T-Harness

SUB

These outputs can be used for
additional sub amps, or for adding
onto the system at a later date

RCA Jacks
(sold separately)

Blue/White - Amp Turn-On Wire

Bass Knob

Black - Chassis Ground
Orange - Control Wire

Factory Radio Chassis

RCA Jacks (sold separately)

Any remaining wires tape off and disregard

Factory Radio Harness

Interface

Vehicle T-Harness

Unplug Connector

Assignable Outputs Labeled CH 6-10

An SPDT Relay, Metra Part#: E-123 is required if the amp turn on currents exceeds 1 amp.

Any remaining wires tape off and disregard
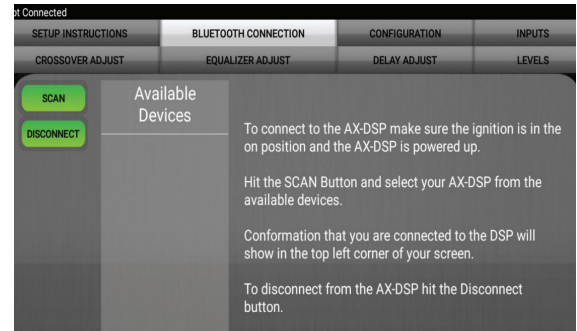
SUB

Blue/White - Amp Turn-On Wire
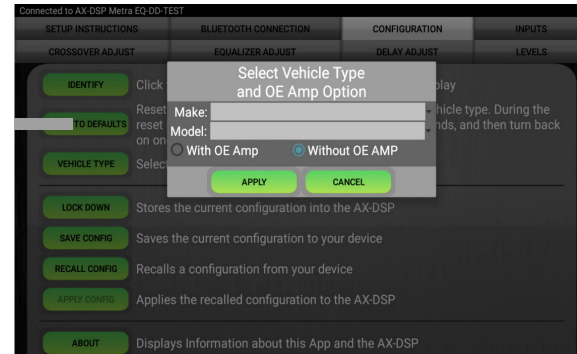
Google Play Store

Apple App Store
iOS 12.1 or higher

1. Download and install the AXDSP-XL app from the **Google Play Store** or **Apple App Store**.

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: **MITSUBISHI**)
   - Select the Vehicle's model: _____ (Example: **MONTERO**)
   - Select **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-MI2 T-harness** to the aftermarket amplifiers.
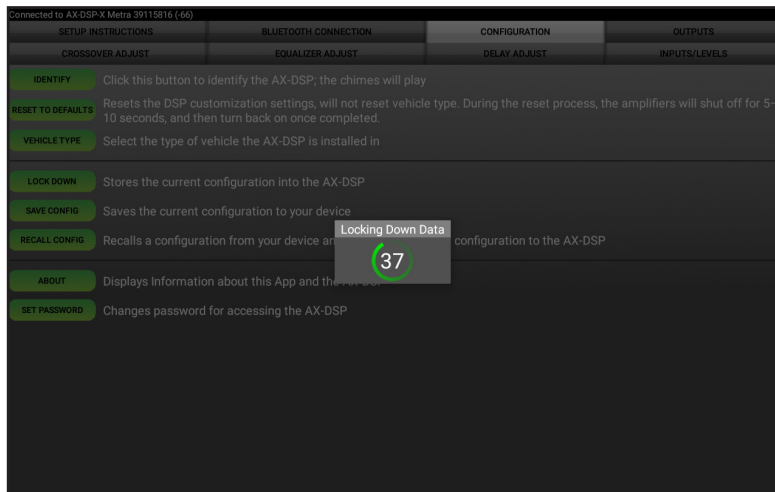

(Figure A)

(Figure B)

7. From the **Configuration** page click the **Identify** button to confirm that the **AXDSPX-MI2** 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!!!

Specifications

Input Impedance	1M Ohm
Input Channels	6 High/Low level Selectable
Input Options	High Level or Low Level
Input Type	Differential-Balanced
Input Voltage	
High Level Range	0 - 28v Peak to Peak
Low Level Range	0 - 4.9v Peak to Peak
Ouput Channels	10
Output Voltage	Up to 5v RMS
Output Impedance	50 Ohms
Equalizer Type	31 Band Graphic EQ, +/- 10dB
THD	<0.03%
Frequency Response	20Hz - 20kHz
Crossover	3-Way LPF, BPF, HPF THP per channel
Crossover Type	Linkwitz-Riley 24DB Slope, Fixed
Sampling	48kHz
S/N Ratio	105dB @ 5V RMS

General

Operating Voltage	10 - 16VDC
Standby Current Draw	~7mA
Operation Current Draw	~150mA
Adjustments/Controls	Application via Bluetooth
Remote Output	12VDC, Signal Sense or with Ignition

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

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MOBILE ELECTRONICS
CERTIFIED PROFESSIONAL

Metra recommends MECP certified technicians