

AX-DSP-XL APP INSTRUCTIONS

AX-DSP-XL App Instructions

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

Download the AX-DSP-XL App

Android™ 9 or higher





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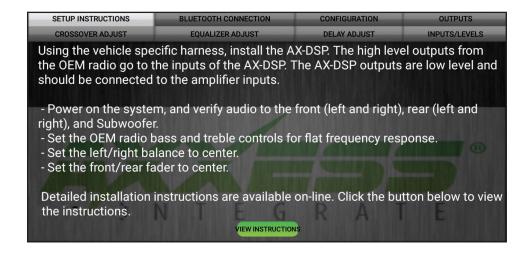
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Download the Interface Updater App at

axxessinterfaces.com

(or use the QR code at left) to update any current AXXESS interface

Setup Instructions



General information tab for installing the interface.

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Bluetooth® Connectivity

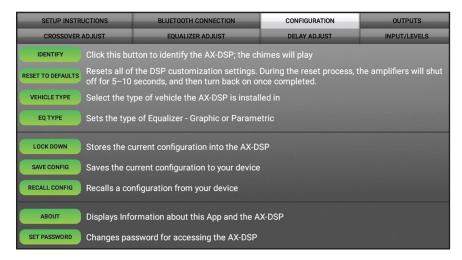


• **Scan** - Press this button to start the Bluetooth® wireless pairing process, then select the available device once it is found. "Connected" will appear in the top left corner of the app once paired.

Note: The ignition must be cycled on during this process.

• **Disconnect** - Disconnects the interface from the app.

Configuration

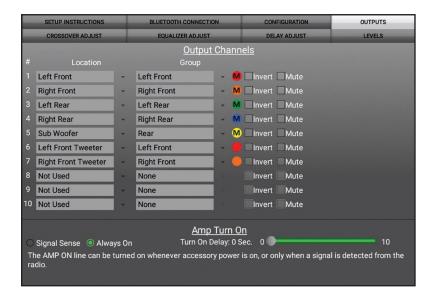


- Identify Click this button to confirm that the interface is connected properly. If it is, a chime will
 be heard from the front left speaker. (Only installations using the front left output white RCA jack.)
- Reset to Defaults Resets the interface to factory settings. During the reset process the amp(s) will shut off for 5-10 seconds.
- **Vehicle Type** Select the vehicle type from the drop down box, then click the apply button.
- Equalizer (EQ) Type: User has the option of optimizing the vehicle's sound quality with a Graphic or Parametric equalizer.
- Lock Down Click this button to save the selected settings.
 Attention! This must be done before closing the app or cycling the key otherwise all new changes will be lost!

- **Save Configuration** Saves the current configuration to the mobile device.
- **Recall Configuration** Recalls a configuration from the mobile device.
- **About** Displays information about the app, vehicle, interface, and mobile device.
- Set Password Assign a 4-digit password to lock the interface. If no password is desired, use "0000". This will clear out any currently set password. It is not necessary to lock down the interface when setting a password.

Note: A 4-digit only password must be chosen otherwise the interface will show "password not valid for this device".

Outputs



Output Channels

- Location Location of speaker.
- **Group** Used to join channels together for simple equalization. Example, left front woofer/ midrange and left front tweeter will be considered simply left front. The letter **M** indicates the speaker assigned as the master speaker.
- **Invert** Will invert the phase of the speaker.
- **Mute** Will mute desired channel(s) in order to tune individual channels.

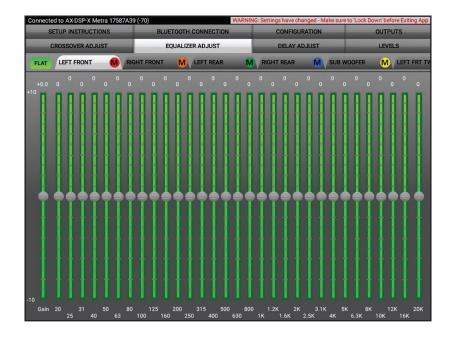
Crossover Adjust



- Selecting High Pass and Low Pass will provide one crossover frequency adjustment.
 Selecting Band Pass will provide two crossover frequency adjustments: one for low pass, and one for high pass.
- Select the desired crossover slope per channel, 12db, 24db, 36db, or 48db.
- Select the desired crossover frequency per channel, 20hz to 20khz.

Note: The front and rear channels default to a 100Hz high pass filter to keep the low frequency signals out. If a subwoofer is not being installed, change the front and rear crossover points down to 20Hz for a full range signal, or to the lowest frequency the speakers will play.

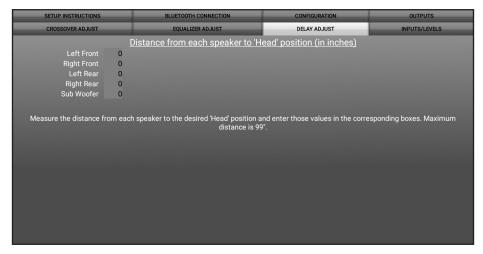
Equalizer Adjust



Graphic EQ

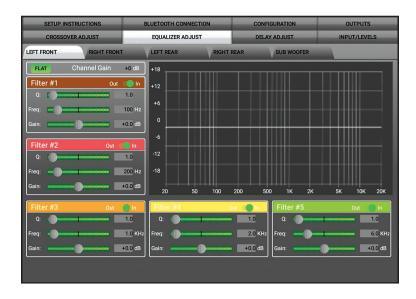
- All channels can be adjusted independently within this tab with 31 bands of available equalization. It is best to tune this by using an RTA (Real Time Analyzer).
- The **Gain** slider on the far left is for the channel selected and will allow for channel to channel balancing.

Delay Adjust



- Allows a delay of each channel. If a delay is desired, first measure the distance (in inches) from
 each speaker to the listening position, then enter those values to the corresponding speaker.
 Add (in inches) to the desired speaker to delay it.
- Milliseconds of delay are automatically calculated and applied. Increasing the value of the Inches
 entered for a speaker will add additional delay if desired.
- Only outputs that have been assigned a position will show in the Delay tab. Any output channel
 assigned as "Not Used" in the "Outputs" tab will not be displayed.

Parametric Equalizer



Parametric EQ

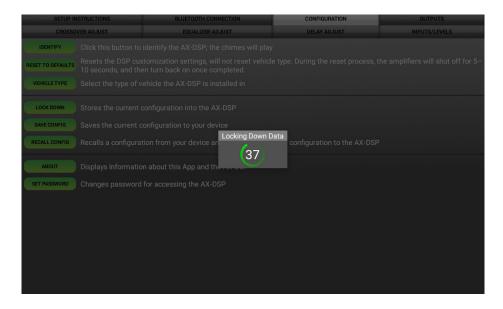
- Each output has a 5 Band parametric EQ per channel. Each band will give the user the ability to
 adjust: Q Factor, Frequency Center, and Gain
- The **FLAT** button above **Filter #1** will reset all curves back to flat.

Inputs/Levels



- Chime Volume Allows the chime volume to be adjusted up or down.
- Turn Tick Volume Allows adjustment for gm's turn-signal click vol.
 (ex.) A djustment (+ or -) will take affect on the next activation.
- Clipping Level Use this feature to protect sensitive speakers like tweeters from being driven
 past their capabilities. An adjustment (+ or -) will take effect on the next turn signal activation.
 If the output signal of the interface clips, the audio will be reduced by 20dB. Turning down the
 stereo will allow the audio to come back at a normal level. The sensitivity of this feature can
 be adjusted to the listening preference of the user.
- · Amp Turn On
- **Signal Sense** Will turn the amp(s) on when an audio signal is detected, and keep on for (10) seconds after the last signal. This ensures the amp(s) won't shut off between tracks.
- **Always On** Will keep the amp(s) on as long as the ignition is cycled on.
- Turn on Delay Can be used to delay audio output to avoid turn-on pops.
- Subwoofer Input Select Front + Rear or Subwoofer input depending on preference.

Locking Down Data



Last and the most important.

You must lock down your

configuration and cycle the key!!!



SPECIFICATIONS

Input Impedance: 1M Ohms

Signal Input: 6 Balanced Hi or Low Level

Differential RCA Inputs

Output Impedance: 50 Ohms
Frequency Response: 20Hz – 20KHz
Operating Voltage: 9 – 16 VDC
Mounting: Behind Dash

Signal Output: 10 Channels, 11 RCA Outputs **Input Voltage:** High or Low Level up to 28V

P-P Differential

Output Voltage: up to 5V RMS

THD+N: <0.03% @ 5V RMS Out

Signal-to-Noise: 105 dBA (A-weighted)

Crossover Type: High-Pass

Low-Pass Band-Pass

Class: Linkwitz-Riley

Crossover Frequency: Adjustable: 20 Hz to 20 KHz **Crossover Slope:** Selectable 12/24/36/48 dB/Octave

EQ Frequency Centers: 31 Band, x 10 Channels **Delay:** Up to 10mS x 10 Channels **Dimensions (H x W x D):** 0.95" x 3.83" x 2.95"

(24.13 mm x 97.28 mm x 74.93 mm)

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