



AXXESS AXDSPX Mobile App Instructions

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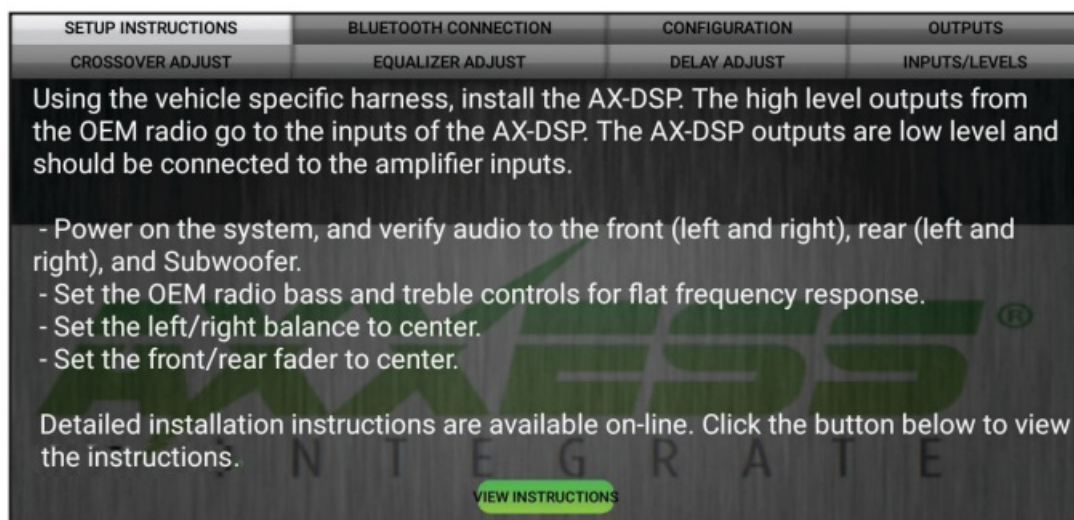
AXXESS AXDSPX Mobile App

9. If necessary, modify the crossover points to ensure optimal signal filtering for front and rear channels.
10. Use the equalizer settings to fine-tune the audio response.
11. Delay adjust feature allows you to synchronize audio signals for better audio imaging.
12. Utilize the parametric equalizer to further shape the audio output.
13. Set the input/level sensitivity to prevent audio clipping and maintain a normal audio level.
14. Lock down your configuration and cycle the key to secure your settings.

Specifications:

- Input Impedance: Signal Input
- Output Impedance: Signal Output
- Frequency Response: Varies based on configuration
- Operating Voltage: Varies based on configuration
- Mounting: Depends on the AXXESS interface
- Input Voltage: Varies based on configuration
- Output Voltage: Varies based on configuration
- THD+N: Depends on the audio setup

Setup Instructions



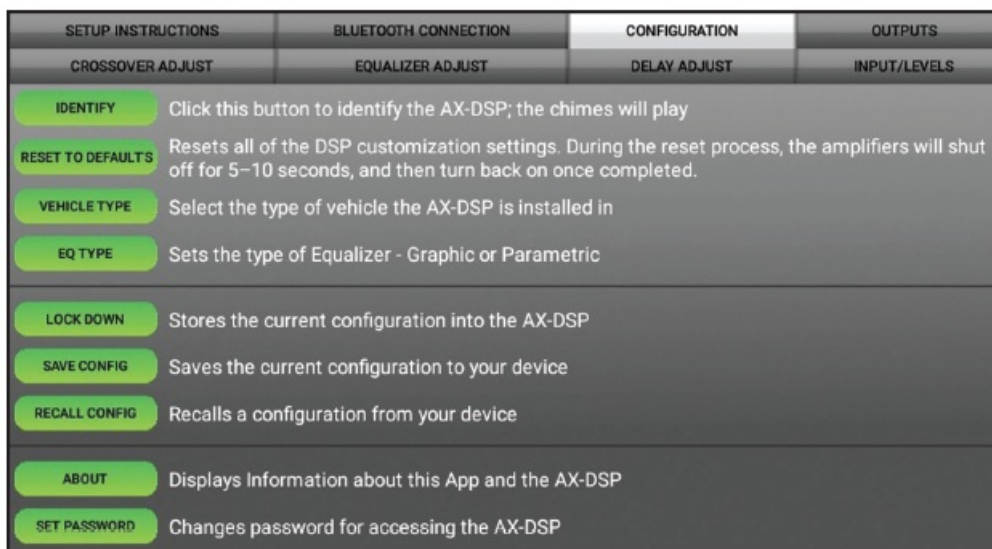
General information tab for installing the interface.

Bluetooth Connection



- **Scan** – Press this button to start the Bluetooth 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

SETUP INSTRUCTIONS		BLUETOOTH CONNECTION		CONFIGURATION		OUTPUTS	
CROSSOVER ADJUST		EQUALIZER ADJUST		DELAY ADJUST		LEVELS	
<u>Output Channels</u>							
#	Location	Group		Invert	Mute		
1	Left Front	Left Front	M	<input type="checkbox"/>	<input type="checkbox"/>		
2	Right Front	Right Front	M	<input type="checkbox"/>	<input type="checkbox"/>		
3	Left Rear	Left Rear	M	<input type="checkbox"/>	<input type="checkbox"/>		
4	Right Rear	Right Rear	M	<input type="checkbox"/>	<input type="checkbox"/>		
5	Sub Woofer	Rear	M	<input type="checkbox"/>	<input type="checkbox"/>		
6	Left Front Tweeter	Left Front		<input type="checkbox"/>	<input type="checkbox"/>		
7	Right Front Tweeter	Right Front		<input type="checkbox"/>	<input type="checkbox"/>		
8	Not Used	None		<input type="checkbox"/>	<input type="checkbox"/>		
9	Not Used	None		<input type="checkbox"/>	<input type="checkbox"/>		
10	Not Used	None		<input type="checkbox"/>	<input type="checkbox"/>		

Amp Turn On

☐ Signal Sense ☒ Always On Turn On Delay: 0 Sec. 0 10

The AMP ON line can be turned on whenever accessory power is on, or only when a signal is detected from the radio.

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.

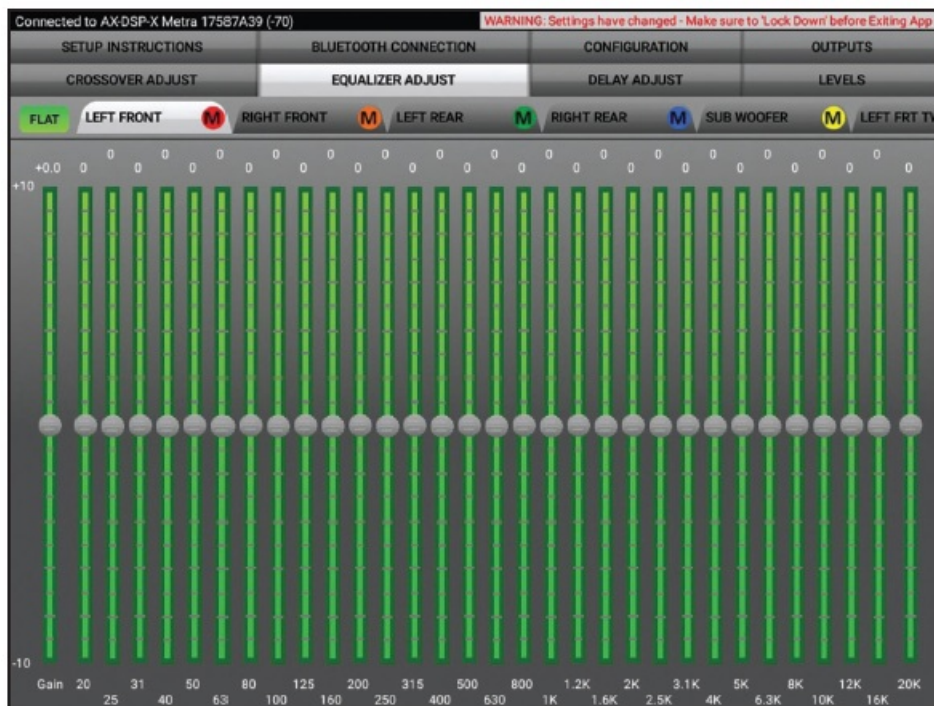
Crossover Adjust



- 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.

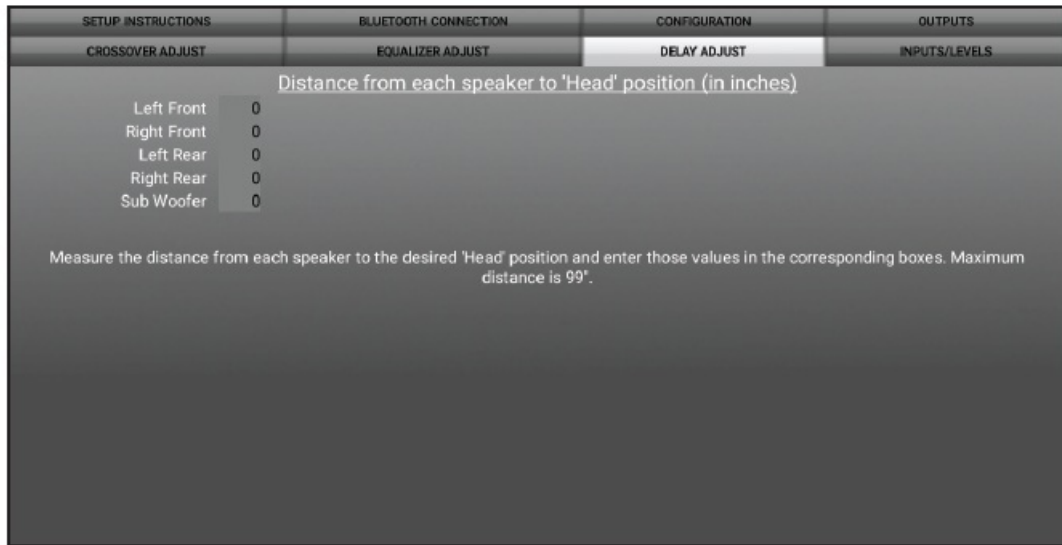
Equalizer Adjust



Graphic EQ

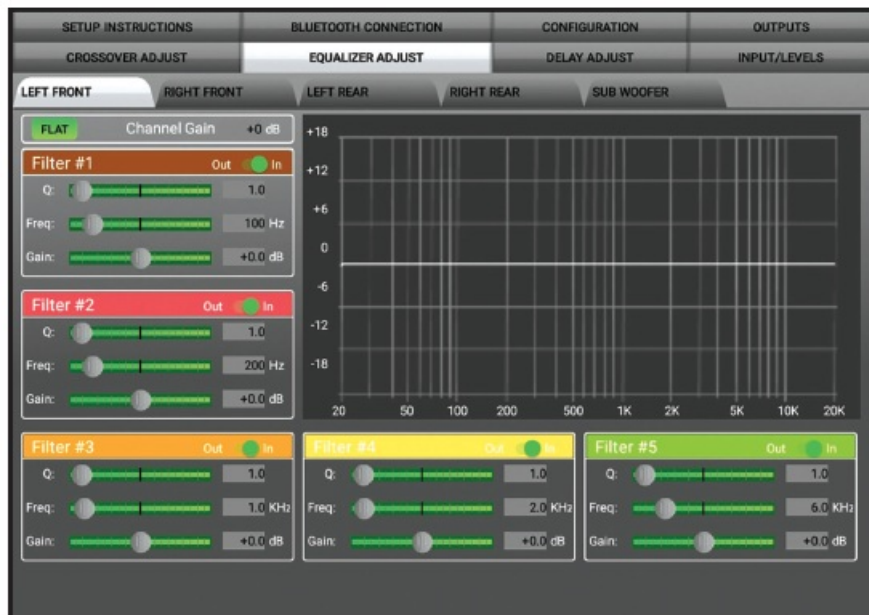
- All channels can be adjusted independently within this tab with 31 bands of available equalization. It is best to tune this by using an RTA (Real Time Analyzer).
- The Gain slider on the far left is for the channel selected.

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.

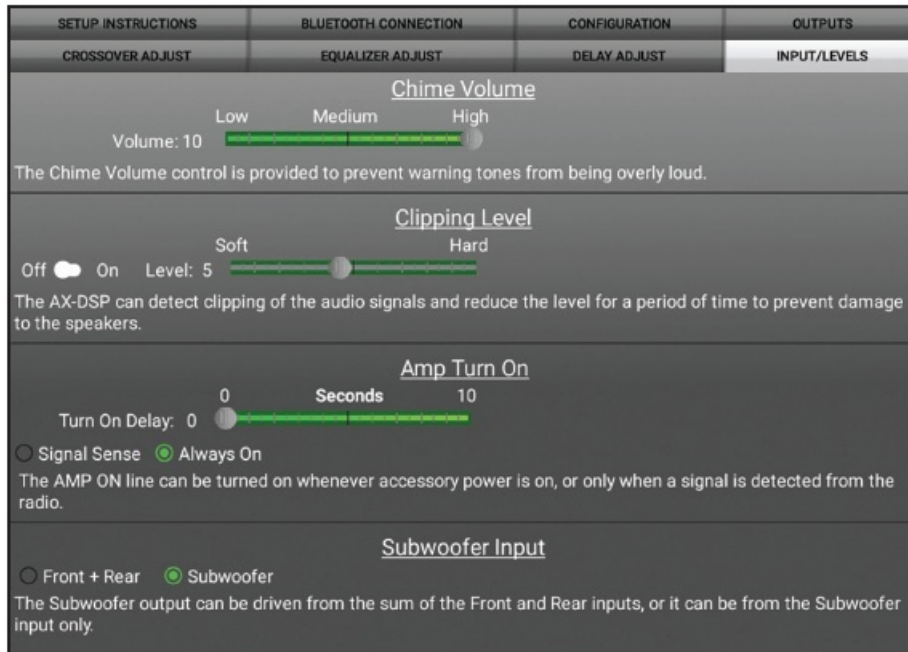
Parametric Equalizer



Parametric EQ

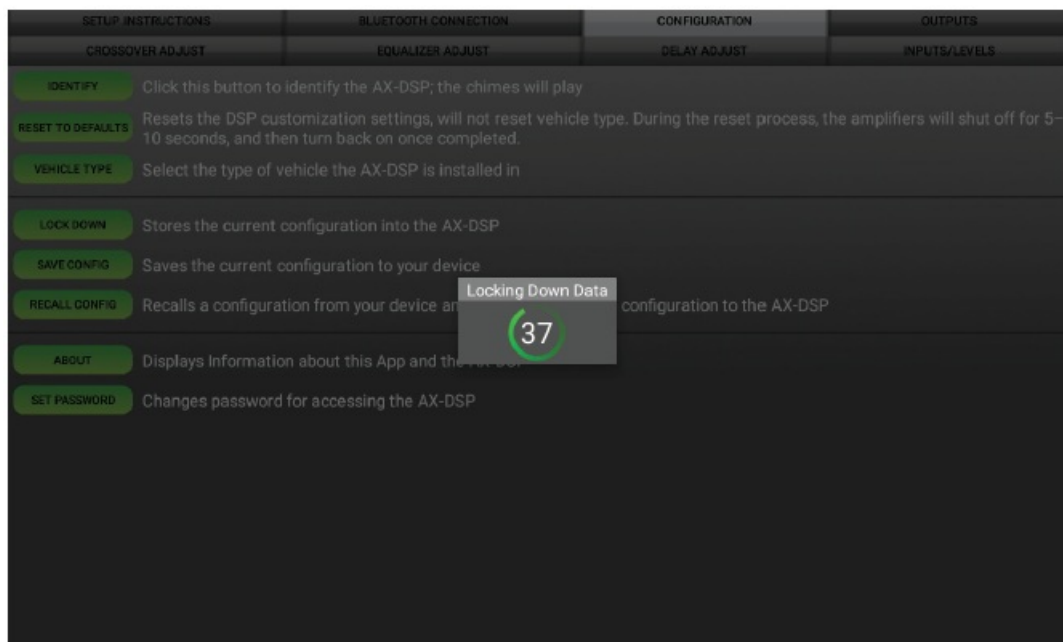
- Each output has a 5 Band parametric EQ per channel. Each band will give the user the ability to adjust: Q Factor Frequency Gain
- The FLAT button above Filter #1 will reset all curves back to flat.

Inputs/Levels



- **Chime Volume** – Allows the chime volume to be adjusted up or down.
- **Clipping Level** – Use this feature to protect sensitive speakers like tweeters from being driven past their capabilities. 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
- **Tone Controls:** Bass/Mid/Treble 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 – 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.edu or call 386-672-5771 for more information and take steps toward a better tomorrow.


AxxessInterfaces.com

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Documents / Resources

	<p>AXXESS AXDSPX Mobile App [pdf] Instructions AXDSPX-TY4, AXDSPX Mobile App, AXDSPX Mobile, App</p>
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References

-  [Axxess Integrate - Comprehensive Interface Products for Vehicle Upgrades](#)
-  [Axxess Integrate - Comprehensive Interface Products for Vehicle Upgrades](#)