DSP-IV II Series
Quick Start Guide

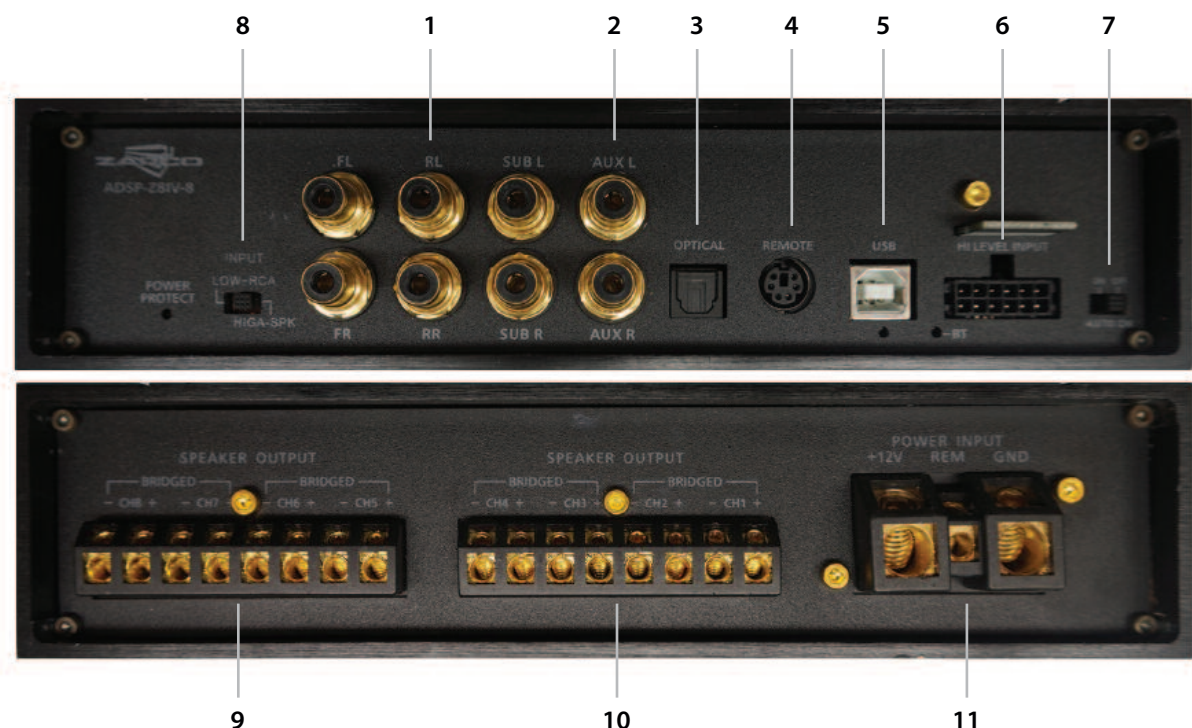Congratulations on the purchase of your new Zapco DSP-Z8 IV series product.
Please go to www.zapco.com to download the PC Control Program. You will also find the User's Manual on the web site for download (Sept, 2018). Also, please check back periodically for any new updates to programs or apps. If you are experienced with DSP and you want to jump right into the installation and tuning, we provide this Fast-Start sheet to give you the basic info you need to get up and running right away.

DSP-Z8 IV II - Digital Processor Physical Connections

1. RCA connectors for 8 output channels - 2. Swt. for speaker level or RCA level inputs - 3. Main-In RCA input connectors - 4. Auxiliary RCA input connectors - 5. On/Off Swt for Auto Turn-On - 6. Six ch. Speaker level main input connector - 7. Port for dash remote, and future expansion. 8. USB-B port for PC control program - 9. Digital port for Optical SPDIF input - 10. Power connector for Batt +12V (Yellow), Ground (Black), +12v for Turn-on (Red) and +12v out for amplifier turn-on (Blue) - 11. Bluetooth Antenna for digital music streaming.

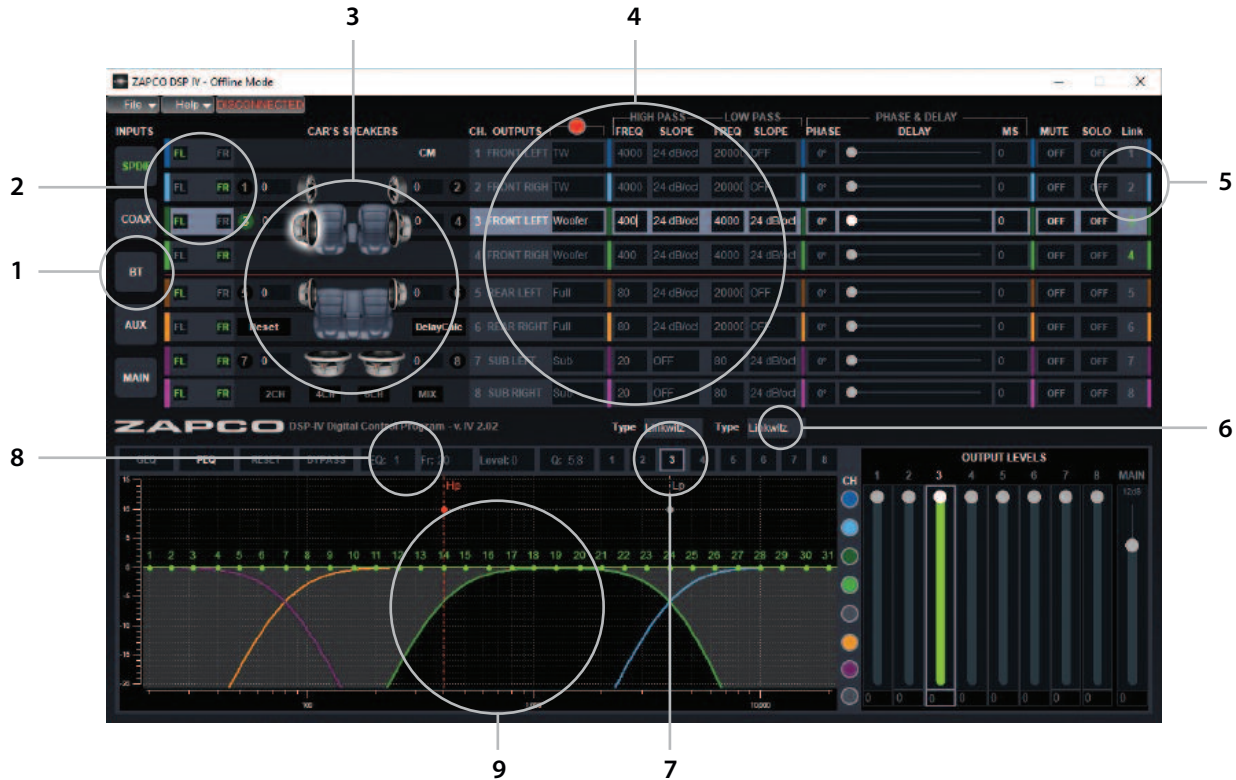## ADSP-Z8 IV-8 Processor/Amplifier Physical Connections

1. Six Channel Main Input RCA Connectors - 2. Two Channel Aux Input RCA Connectors - 3. Digital port for Optical SPDIF Input - 4. Port for standard dash remote and future expansion, optional - 5. USB-B port for PC control program - 6. Six Channel speaker level input plug - 7. On/Off Swt. For Auto Turn-on - 8. Swt for Balanced or un-balanced RCA inputs - 9. Speaker output connectors for channels 5~8 - 10. Speaker output connectors for channels 1~4 - 11. Amplifier power, ground, and turn-on connectors.
Amplifier power: 80 watts RMS/ch, 4 ohms - 120 watts RMS/ch, 2 ohms - 240 watts RMS/bridge, 4 ohm.

The DSP-Z8 IV II Series Control Program

Obviously the first step is to download the PC Control program from www.zapco.com and install the program on your PC. You can also download the appropriate mobile app. After installation you can open the PC GUI and you will see the splash screen. If have your DSP connected, the system will ask you to set a 6-digit password. Write it down, in case you forget it. It will also ask for your phone number. If someone does not have the password the system will give them your number to retrieve the password. Once open, you also need the password to save, or change any presets. Once this is done it will also ask for the password before anyone can open the Android or iOS control apps.

1. Select the input you wish to tune (now including BT Digital Streaming) - 2. Depending on the input choice, a default channel map will be applied for 2-Ch, 4-Ch or 6-Ch systems. You can modify it as needed for your particular system - 3. At the car diagram you can enter the distance from the listener to each speaker and click "Delay Calc" and your delays will be automatically entered - 4. In the main System area you can assign function to each speaker, and then adjust the crossover as needed - 5. These link buttons allow you to link channels for Crossover, Delay, or gain* - 6. You can choose a crossover style from Butterworth, Linkwitz-Riley or Bessel - 7. These are EQ links allowing you to link channels together for equalization** - 8. The information bar gives you all the tools you need for EQ operation. You can make fine adjustments here in EQ parameters by highlighting a box using the keyboard arrows to fine tune. You can also bypass pass the EQ or reset the EQ to Zero - 9. The EQ graph. Here you have a dot at each filter. You can make fast adjustments here by simply dragging a filter to the frequency and gain you want, then click into the info bar Q box to adjust the shape of the filter. Again, once a filter dot is highlighted you can use the keyboard arrows for adjustments to all functions. Notice also that the crossover of the active channel is highlighted to help avoid making adjustments in the wrong frequency area.

*#5 Linking: after clicking a channel you can then link other channels to it. A second click on any channel will break the link. Example- you can pick Ch1 then click the Ch2 link button. Now you can set the crossover for both channels at once. When done you can pick Ch3 and 1/2 link is broken. Then you can link Ch4 and adjust those crossovers. **#7 EQ links work the same way… pick a channel then link as desired. When you pick a different active channel, the link is broken.