Getting Started With I-Tech

Welcome! Operating your I-Tech amplifier can be as simple or advanced as you wish. Right out of the box, it works like any other amplifier with stereo loudspeaker loads.

- For bridge-mono operation, see the next page.
- If you want to control and monitor the amplifier with Crown's IQ System® software, see Section 4.5.4 in the I-Tech Operation Manual.
- If you want to load DSP presets or perform diagnostics using the amplifier's LCD control screen (Figure A.3), see Section 4.2 in the I-Tech Operation Manual.

You can refer to this Quick-Start Guide to get up and running quickly. To learn about I-Tech's many advanced features, please see the operation manual.

Quick-Start Guide: Stereo Wiring

Let's assume that you unpacked and installed your amplifier with the proper cooling. If not, see Section 2 in the manual. We'll also assume that you will operate the amplifier in stereo. If you want to operate your amplifier in bridge-mono, skip to the next page.

1. **IMPORTANT:** Turn off the amplifier. Unplug its power cord from the AC outlet. The amplifier must be grounded when plugged into AC power.

2. See Figure A.1. Connect two cables from your mixer output to the amplifier's XLR input connectors.

3. Using Class 1 wiring, connect speaker cables either to the amplifier's Speakon® connectors (as in Figure A.2) or to the 5-way binding posts (as in Figure A.1.)

4. Turn down your mixer master faders. Plug the power cord into the amplifier and then into an AC outlet. Turn on the front-panel power switch. The LCD Control Screen will light up (Figure A.3).

5. Using both Encoder knobs (Level controls), set Attenuation to 0 dB. Press the Menu/Exit button, then the Next button, to access CH1 Sensitivity. Turn an Encoder knob fully down (CCW) until the minimum dB gain is displayed. Then press Next and repeat for CH2 Sensitivity. See Appendix B in the operation manual for details.

6. Play a program through your mixer. Set its level to peak at 0 dB or 0 VU maximum on the mixer meters. Gradually turn up (CW) the amplifier Encoder knobs (Level controls) to the desired volume for CH2. Press Prev and repeat for CH1. Press Exit when done.

Note: If the SPL is too high at the beginning of Step 6, press Menu/Exit, then press Next until you see ADVANCED MENU. Push an Encoder knob. Press Next until you see MAXIMUM ANALOG INPUT. Press an Encoder knob so the display reads 21 dBu. Press Menu/Exit twice. Press Next. CH1 Sensitivity will be displayed. Gradually turn up (CW) the left Encoder knob to the desired volume for CH1. Press Next and repeat for CH2. Press Exit when done.

CAUTION – SHOCK HAZARD: Potentially lethal voltages exist at the output connectors when the amplifier is turned on and is passing a signal.
Quick-Start Guide: Bridge-Mono Wiring

Let's assume that you unpacked and installed your amplifier with the proper cooling. If not, see Section 2 in the operation manual. We'll also assume that you will operate the amplifier in Bridge-Mono. Basically you will turn on the amp, enable Bridge-Mono mode with the LCD Control Screen, turn off the amp, wire it, and turn it back on.

1. Be sure that no cables are connected to the amplifier. Plug the amplifier power cord into the amplifier, then into an AC outlet.

2. Turn on the amplifier power switch on the front panel. The LCD Control Screen will light up (Figure A.4).

3. Under the LCD Control Screen, press the Menu/Exit button. Press the Next button until you see Output Mode on the screen.

4. Press either Encoder knob to select BRIDGE MONO. Press and hold the knob to confirm your choice. Press the Menu/Exit button.

5. IMPORTANT: Turn off the amplifier. Unplug its power cord from the AC outlet. The amplifier must be grounded when plugged into AC power.

6. See Figure A.5. Connect a cable from your mixer output to the amplifier's Channel-1 XLR input connector.

7. Using Class 1 wiring, connect the speaker cable either to the amplifier's top Speakon connector (terminals 1+ and 2+, Figure A.6) or across the red binding posts of both channels (Figure A.5). Do not use the black binding posts in bridge-mono mode.

8. Turn down your mixer master faders. Plug the power cord into the amplifier and then into an AC outlet. Turn on the front-panel power switch. The LCD Control Screen will light up (Figure A.3).

9. Using both Encoder knobs (Level controls), set Attenuation to 0 dB. Press the Menu/Exit button, then the Next button, to access CH1 Sensitivity. Turn an Encoder knob fully down (CCW) until the minimum dB gain is displayed.

10. Play a program through your mixer. Set its level to peak at 0 dB or 0 VU maximum on the mixer meters. Gradually turn up (CW) the left Encoder knob (Level control) to the desired volume for CH1. Press Exit when done.

Note: If the SPL is too high at the beginning of Step 10, press Menu/Exit, then press Next until you see ADVANCED MENU. Push an Encoder knob. Press Next until you see MAXIMUM ANALOG INPUT. Press an Encoder knob so the display reads 21 dBu. Press Menu/Exit twice. Press Next. CH1 Sensitivity will be displayed. Gradually turn up (CW) the left Encoder knob to the desired volume for CH1. Press Exit when done.

CAUTION – SHOCK HAZARD: Potentially lethal voltages exist at the output connectors when the amplifier is turned on and is passing a signal.