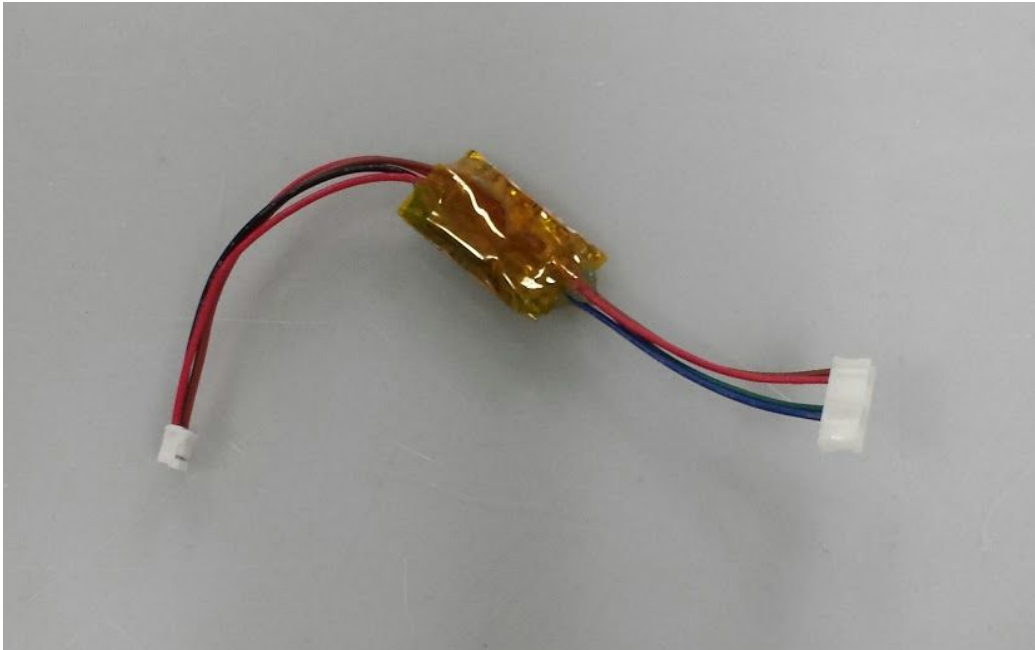


0909 Sensor Functionality Test:

Cables Needed:

- Micro-USB to USB Cable.
- Power Jumper Cable for 0909:



- M XLR to M TRS x2 and M TRS to M TRS x6:



- M 1/8 TRS to LEFT/RIGHT M TS M TS (Y Cable):

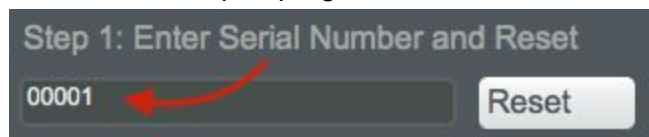


- M XLR to +/- M Banana x2 (Y CABLE):

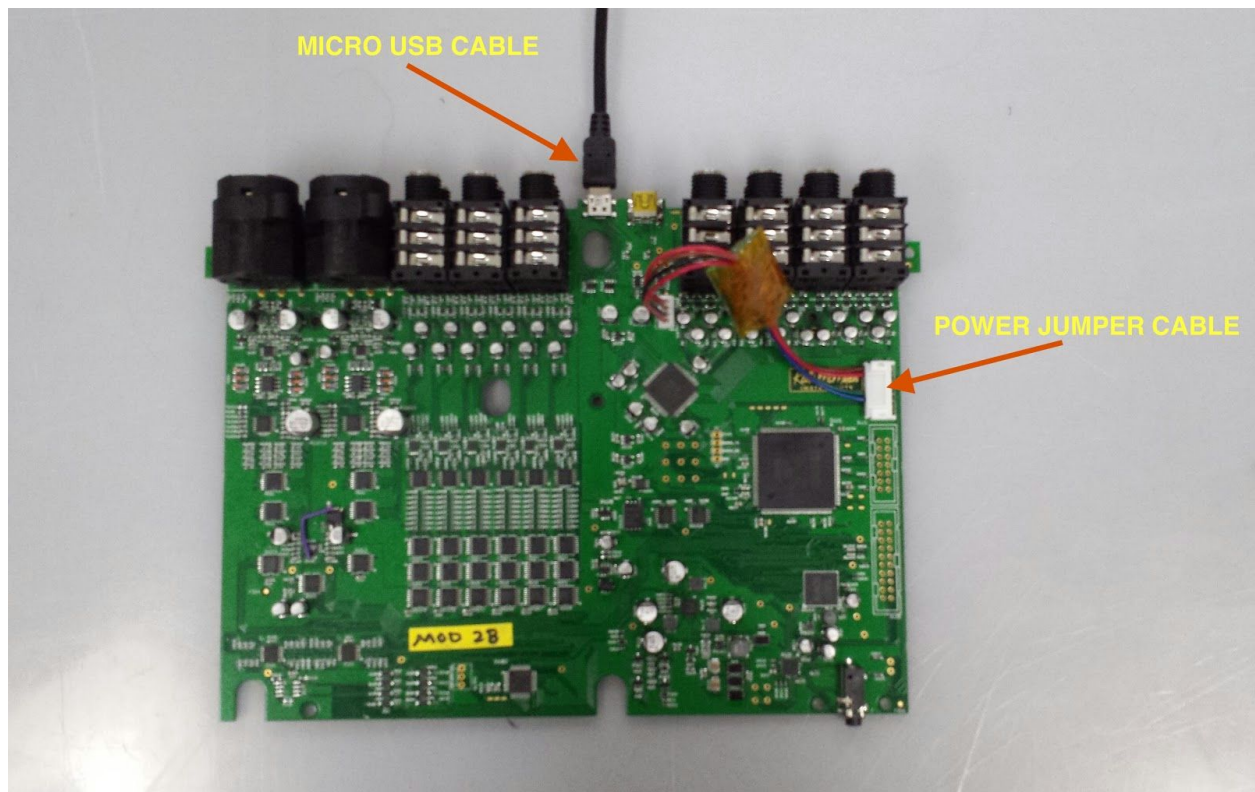


Phantom Power Test:

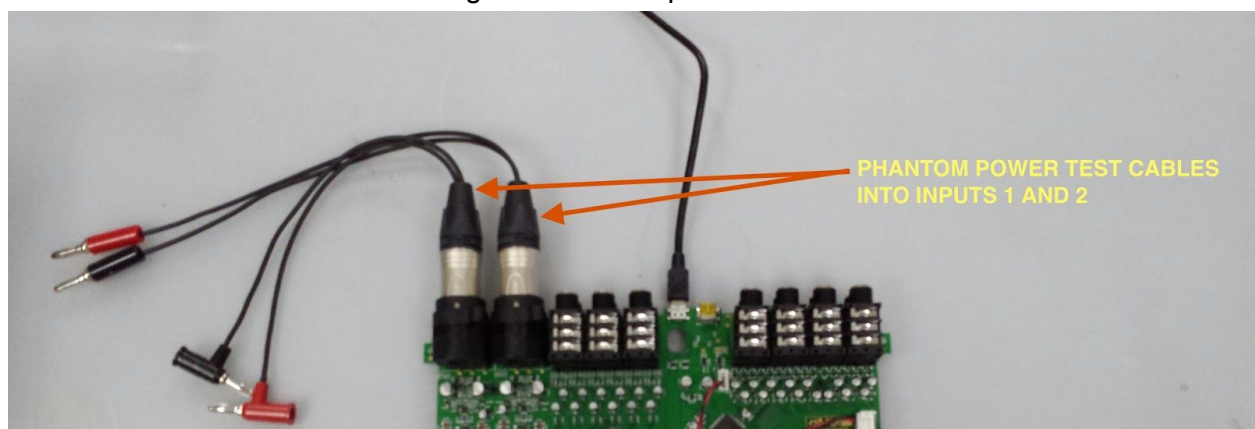
1. Enter Serial number in box at top of program.



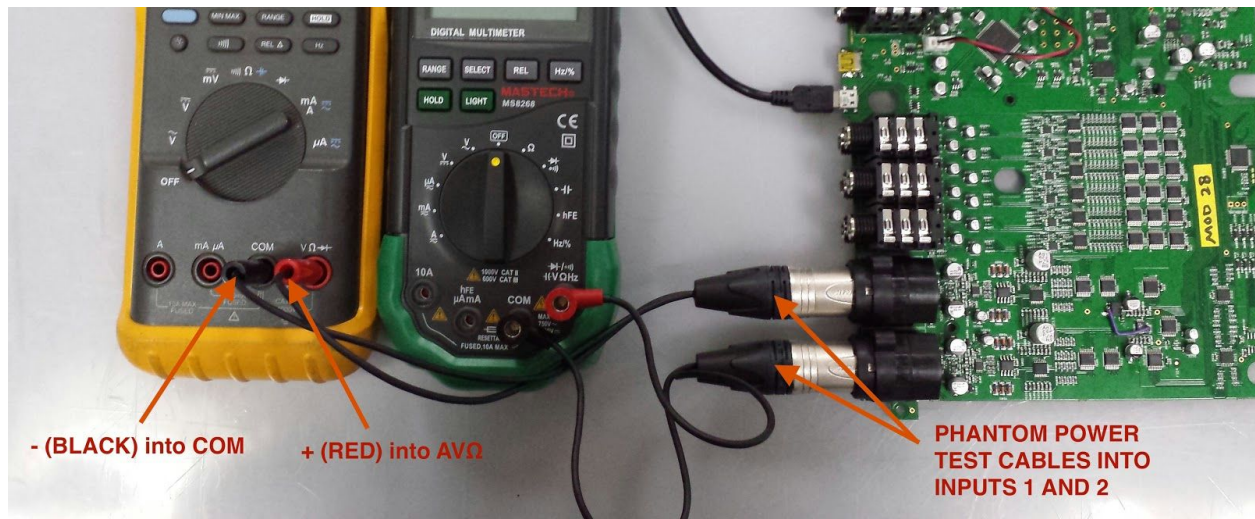
2. Plug USB end of Micro USB cable into computer. Plus Micro USB end of Micro USB cable into Audio port of KMix 0909 board. Plug power jumper cable into 4 pin and 8 pin ports on KMix 0909 board.



3. M XLR to +/- M Banana. Plug M XLR into Input 1 and 2 of 0909 Board.



4. Plug + (Red) Banana into mA Ω port and plug - (Black) Banana into COM port. Set multimeter mode to measure DC Voltage. Turn on Multimeter.



- Toggle Phantom Power ON by clicking and holding Phantom button.



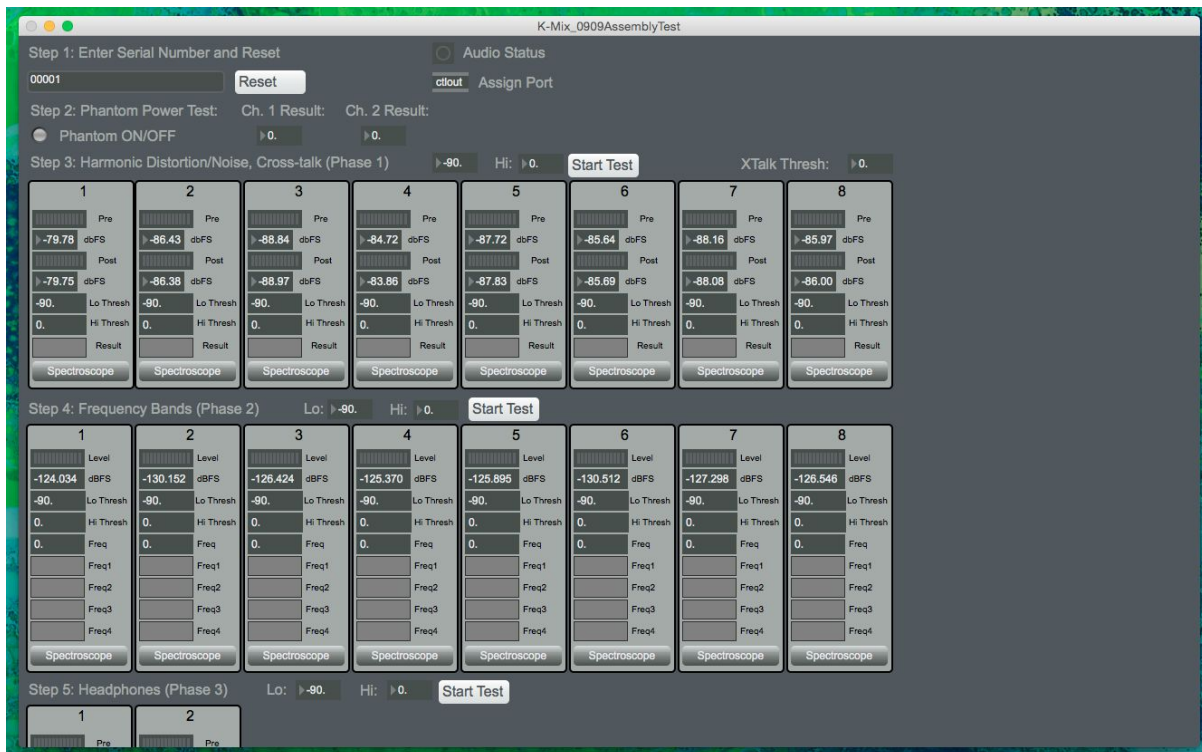
- Check voltage of Phantom Power on Multimeter. Phantom Power voltage should be roughly +48V.
- Enter voltages into fields



- Release Phantom Power button to turn Phantom Power OFF. Move on to Sensor Test.

Sensor Test:

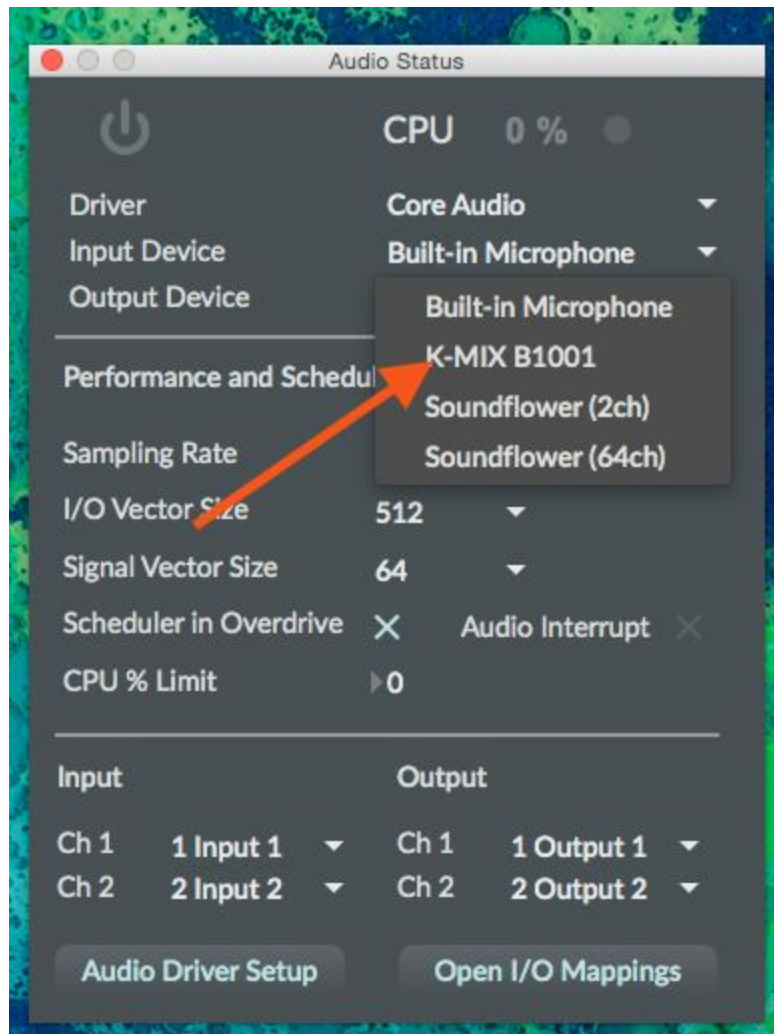
- Input 1 to Output 1. Input 2 to Output 2. Input 3 to Output 3. Input 4 to Output 4. Input 5 to Output 5. Input 6 to Output 6. Input 7 to Output 7. Input 8 to Output 8.
- Open Sensor Test.

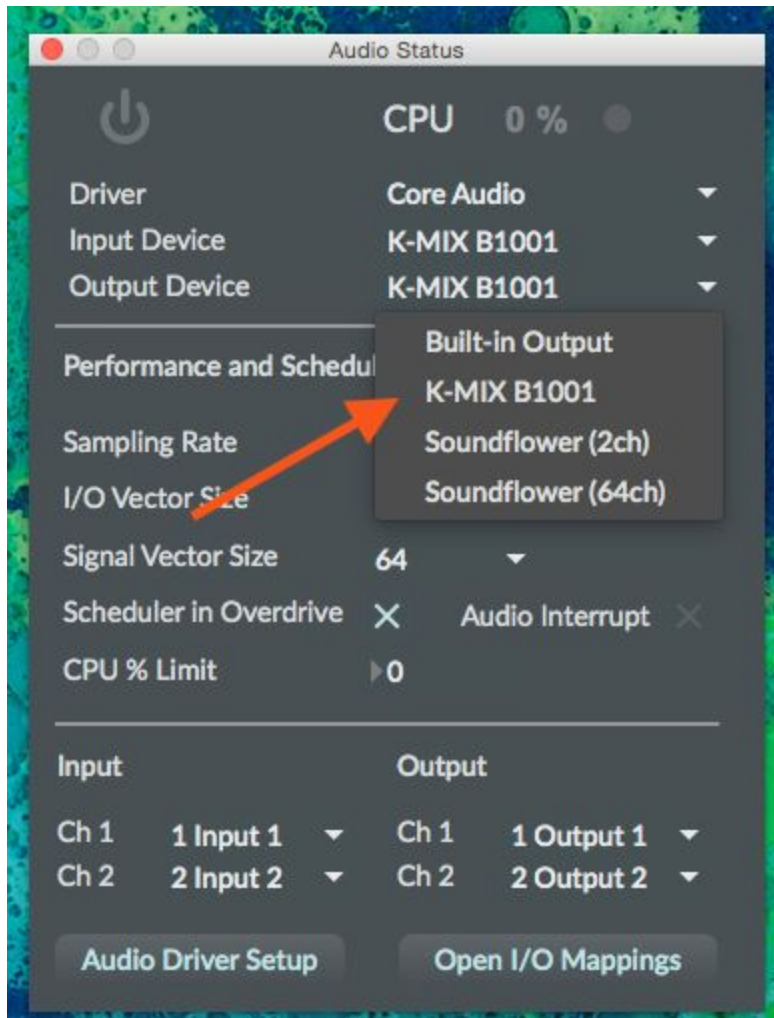


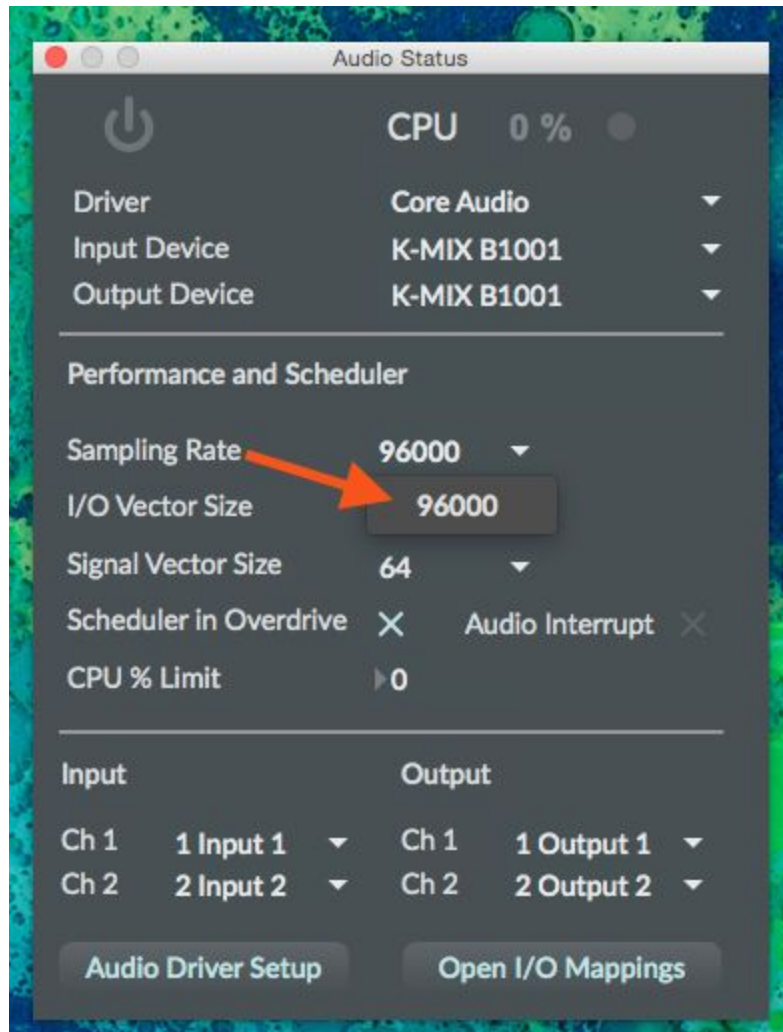
- Click Audio Status Button to access audio status window.



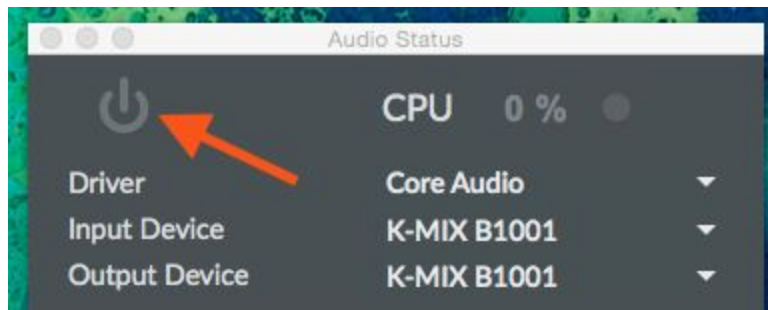
- Set to Input and Output to KMix. Set Sampling Rate to 96000.





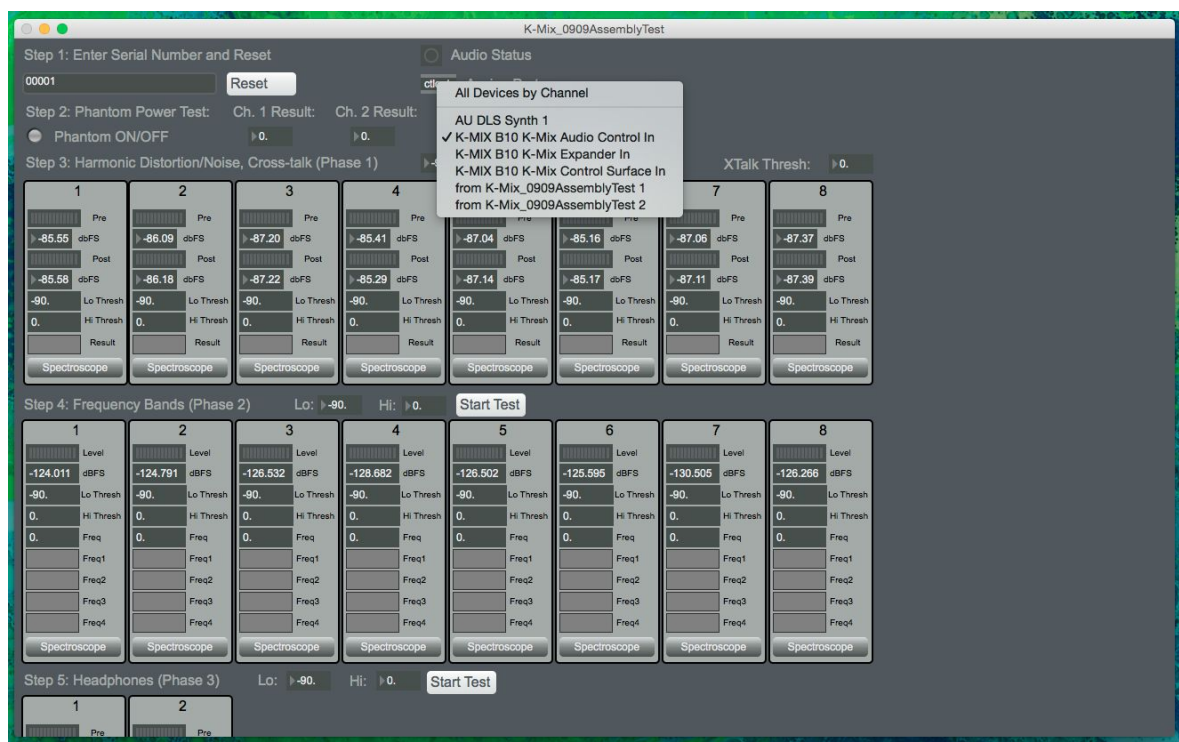
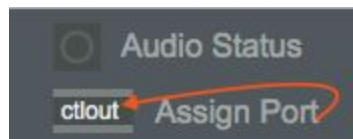


5. Power symbol will turn grey when changes are made. Click power symbol to turn Audio back on. Power symbol will turn blue.





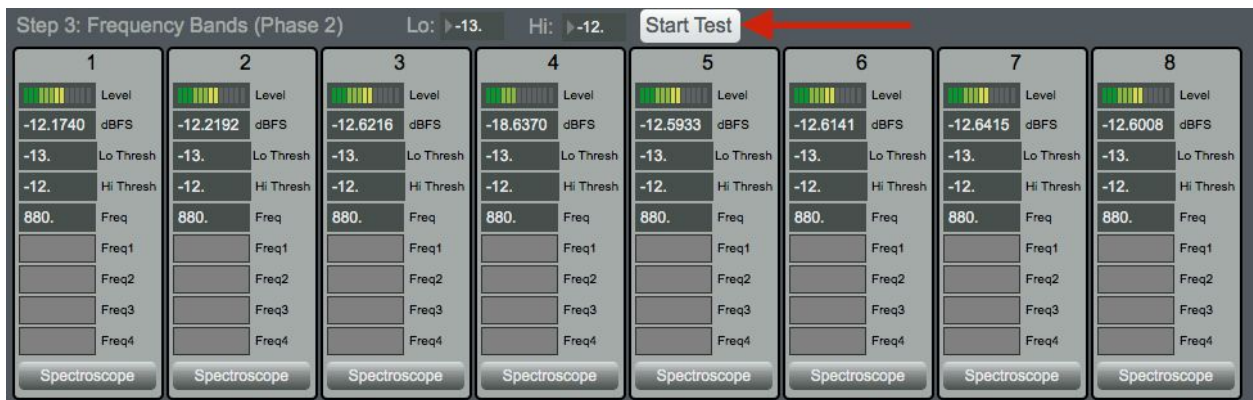
6. Double click Assign Port button (ctlout). Set Control Out Port to “KMix Audio Control In”.



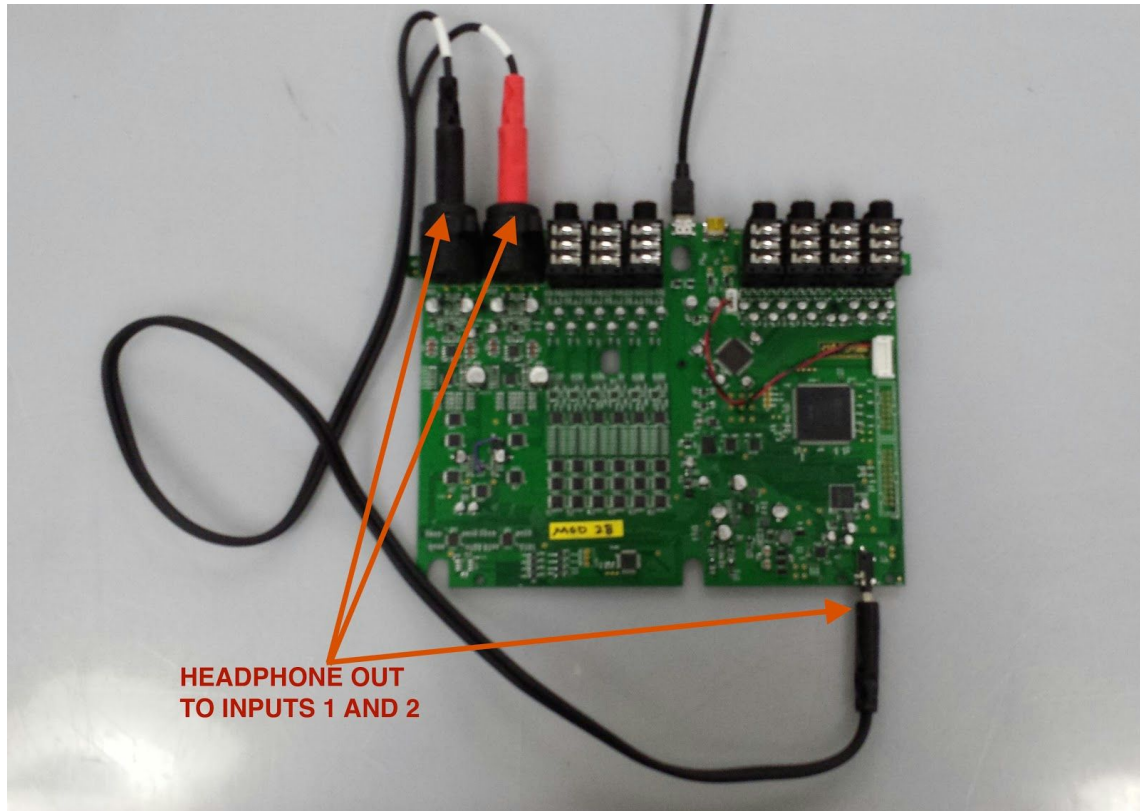
7. Start Test (Step 2, Phase 1).



8. Start Test (Step 3, Phase 2).



9. Y Cable from Headphone Out to Inputs 1 and 2.



10. Start Test (Step 4, Phase 3).



11. In Phase 4, click Save Log to save log for current board.



12. Click Reset button in Step 1 to reset test for next board. Repeat all steps above for each 0909 board.

Step 1: Enter Serial Number and Reset

00001

Reset

