

PhonoLogue Installation Instructions for DiaLogue Integrated Amplifiers

CAUTION!: You are working with high voltages and sensitive electronics. Please use the upmost safety and care during installation. ***If you do not feel comfortable performing the installation outlined below, please call your dealer before proceeding.***

WHAT YOU NEED:

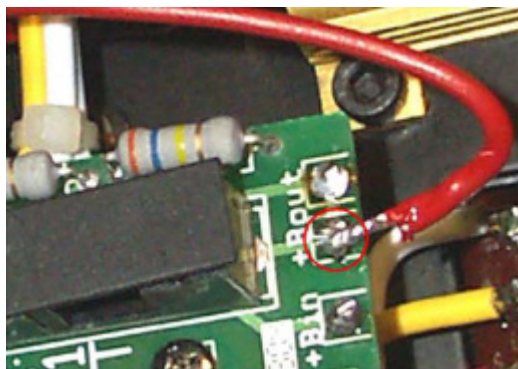
Soldering iron
7MM socket wrench

60/40 rosin core solder (provided)
Small needle-nose pliers

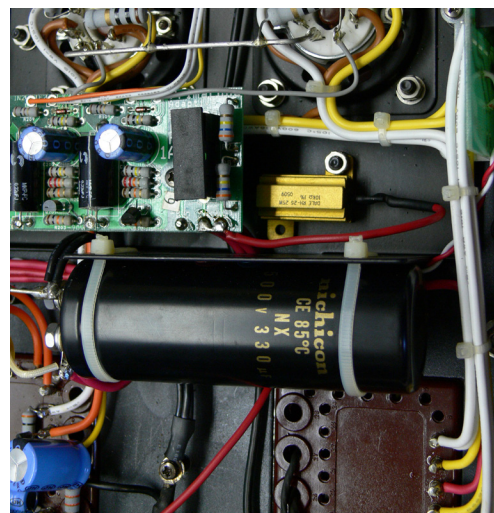
STEP 1: Turn the amplifier off and disconnect it from your system. It is vital that the amp be left sitting and unplugged for at least 5-10 minutes before proceeding to step two. This is a safety precaution that makes sure all of the power supply capacitors are drained of any electrical charge. If not, you may give yourself a little shock which might damage the components inside the amp. Leave the tube cage on the amp to prevent it from tilting. Flip the amplifier over onto a soft cloth and remove the bottom cover.

STEP 2: Install the power lead wire:

Locate the nut and washer pictured on the right. Remove the nut and washers, then place the resistor on to the exposed bolt as shown in the picture. Next, put the locking washer back in place, then screw the nut back into place. Discard the flat washer.



Next, solder the shorter red wire (as shown on the right) to the AutoBias board at the +B out as seen in the picture on the left. Run the longer red wire underneath the black Nichicon capacitor over to the area where the PhonoLogue card will be installed.



STEP 3: Prepare to install the PhonoLogue module:

The DiaLogue series uses an input selector board in order to interface with the full function remote. This board runs parallel with the RCA terminals and has a series of blue box-shaped relays. On the board, locate the position for the "Aux 2" input. You will see a green and blue wire as pictured on the right. Use the soldering iron to remove both wires from the board and the RCA terminals and discard them.

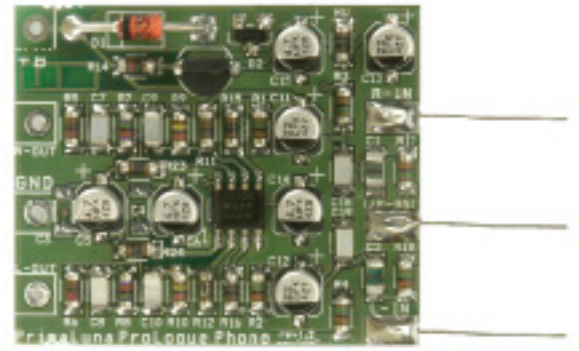
Be careful not to melt the relay boxes! New, longer wires are supplied with the PhonoLogue, one red wire and one black wire. Solder the red wire into the input selector board where the blue wire was located (R), and the black wire where the green wire was located (L).



Next, locate the two resistors seen at the very bottom of this picture. They are attached to the power transformer. In order to make the phonostage fit properly, push these resistors down gently so that they are below the input selector board.

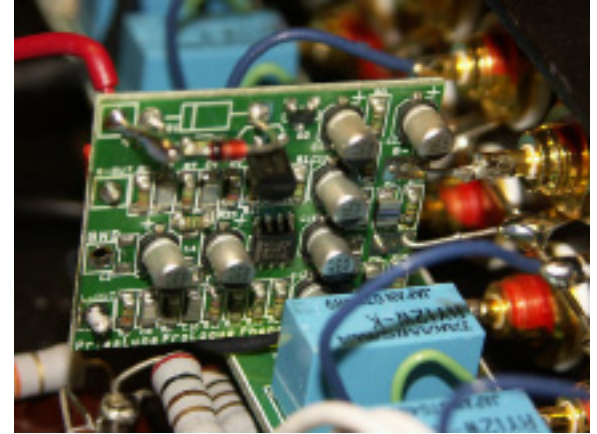
STEP 4A: Install the PhonoLogue module:

The PhonoLogue module comes with three wires soldered on one side as pictured on the right. Carefully solder these wires onto the empty Aux 2 RCA terminals, the spot marked "L-IN" is for the left channel RCA, "R-IN" for the right channel RCA. The middle wire is the ground for the phonestage. Solder this wire to the the ground bridge wire that runs parallel across in-between the RCA terminals.



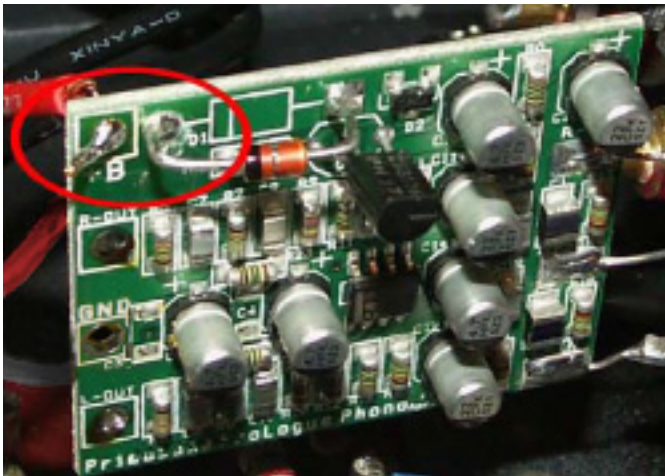
STEP 4B: Install the PhonoLogue module:

Next solder the red and black wires you attached to the input selector board earlier to the R-OUT and L-OUT solder points on the phono module. The red wire runs to R-OUT and the black wire runs to L-OUT. The GND spot is left empty, because the inputs use a shared ground through the selector board. When the board is installed correctly, it will look like the picture on the right.



STEP 5: Routing Power to the PhonoLogue module:

Run the second wire from the gold resistor installed earlier into the +B hole located in the top corner of the phono module. Refer to the picture below on the left. Be sure to run enough wire through the hole so that the wire can make contact with the small orange diode just to the right of the +B solder point. Solder the wire in place at the +B solder joint, then solder the remaining wire to the leg of the orange diode as shown in the image above. This completes the circuit for the power supply.



If you have any questions or concerns, contact your local dealer, or PrimaLuna USA directly.

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