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Cables and Accessories
For the Discriminating Listener

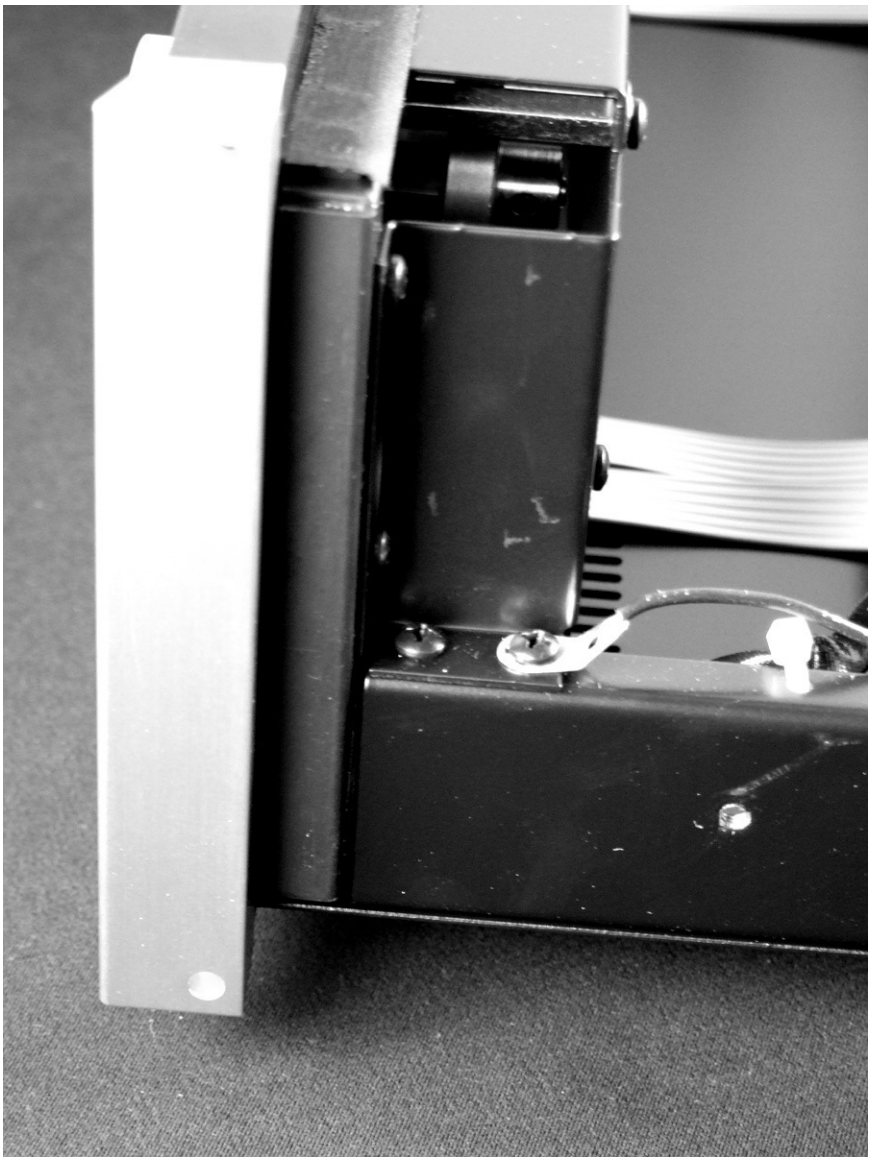
McIntosh MR85 Tuner LED Modification Instructions

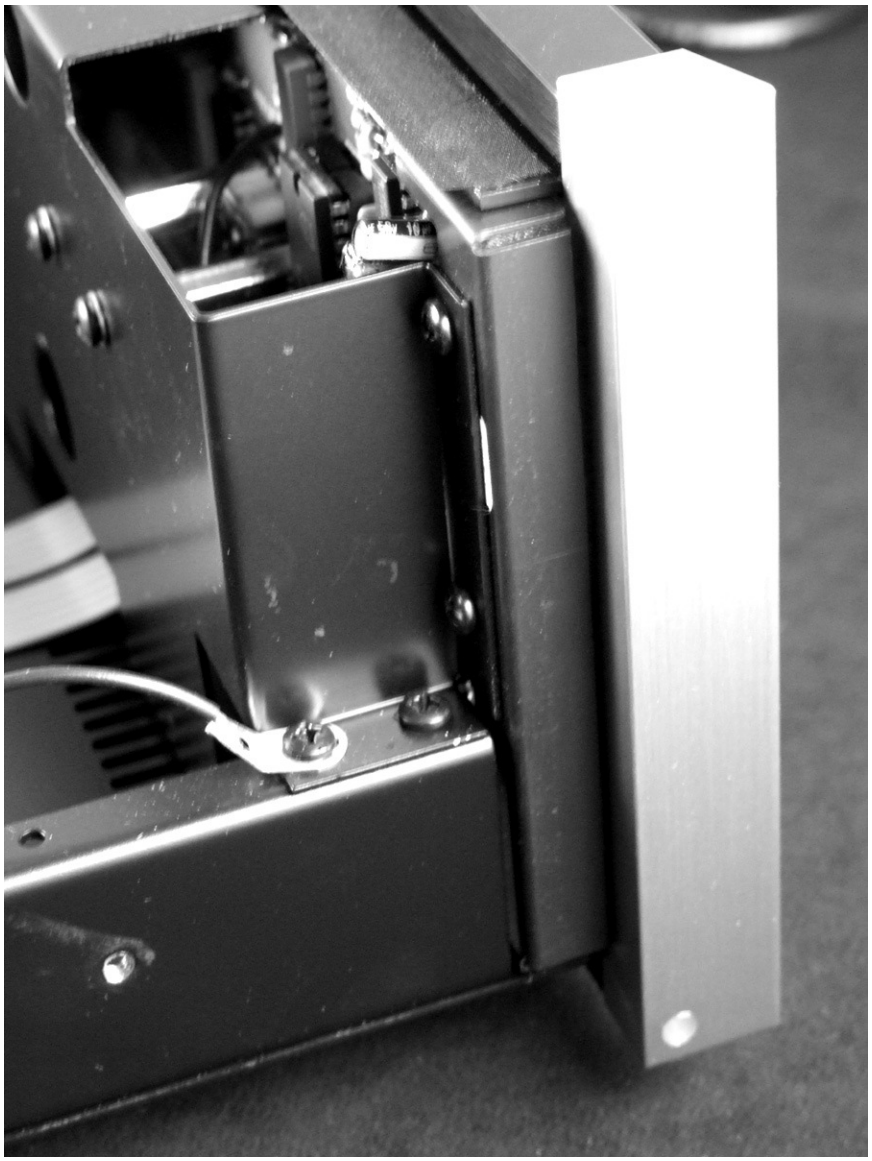
1. Place unit upside down on a carpeted surface, with the front facing you.

2. Remove the three screws closest to the front panel that attach the bottom cover.

3. Turn the unit over and remove the six screws that attach the top cover. There are two on either side and two on the rear. Slide the cover to the rear about ¼" and lift it straight up.

4. Remove the four screws (two on either side) that attach the front panel brackets. See fig. 1 and 2. Hold the front panel while removing the screws to hold it steady. You may also have to cut a small nylon wire tie that secures the power leads to the chassis. There may be a black ground wire on each side attached with these screws, if that is the case, just move the wires to the side when the screws are removed. When all four screws are removed from the front panel, guide the ribbon cables connecting it to the main chassis, and gently pull it toward you about 2 inches, and lay it down. . Remember to replace them when re-assembling your MR85.

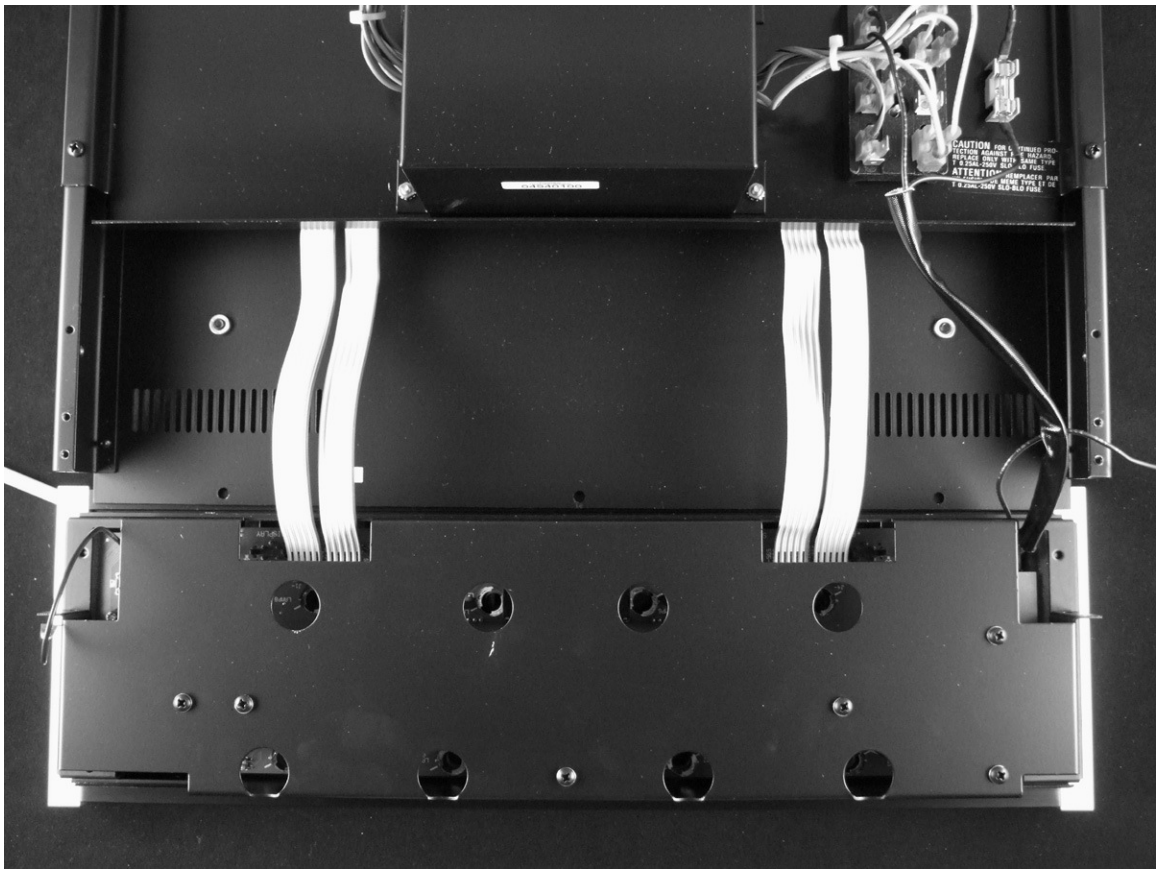




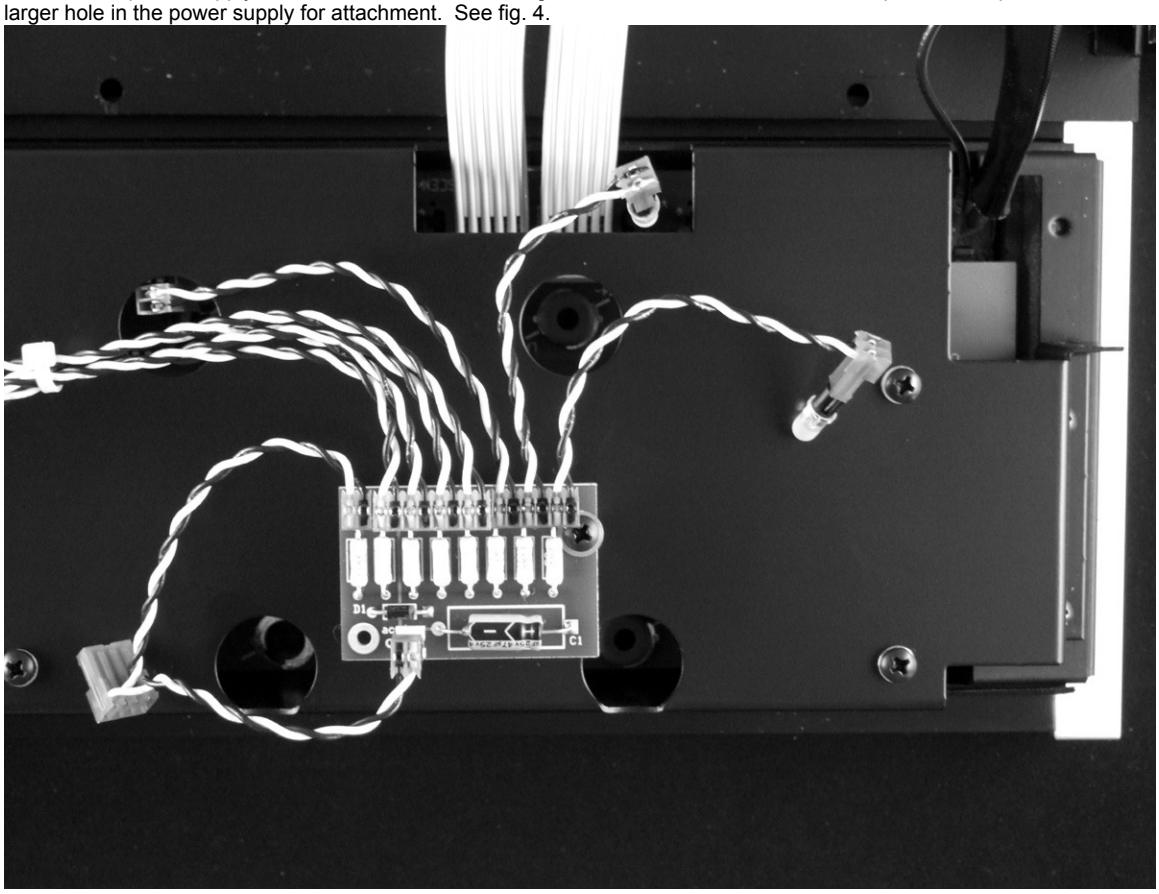
5. There are eight lamps that illuminate the front panel and these must be removed at this time. To do so you will need a ¼" straight bladed screwdriver. Turn them about ¼ turn counterclockwise and lift them out. There are a few that are buried under the ribbon cables. You will need to gently move the ribbon cable to the side to remove the lamps. The lamps may be lifted out with a pair of tweezers.

6. You can now install the seven rubber grommets that were included in the kit into the sockets where the panel lamps were removed. Do not install a rubber grommet in the "lamp 2" position, near the top right of the panel. Use the included tools to aid in the positioning of the grommets.

7. Remove the screw from the back of the faceplate as shown in fig. 3, and replace with the included threaded standoff, using the lock washer from the screw.

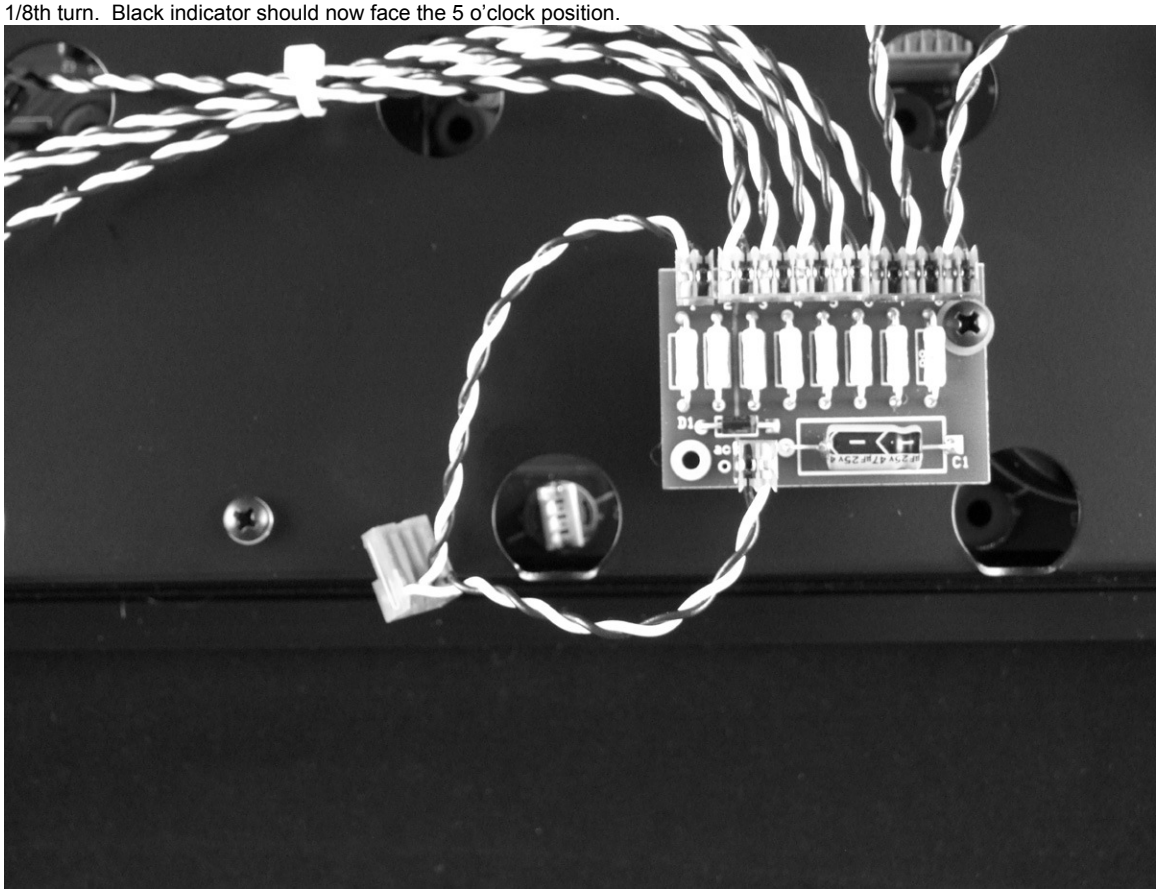

CAUTION
ATTENTION

8. Attach the power supply to the threaded standoff, using the screw that was removed in the previous step. Use the larger hole in the power supply for attachment. See fig. 4.



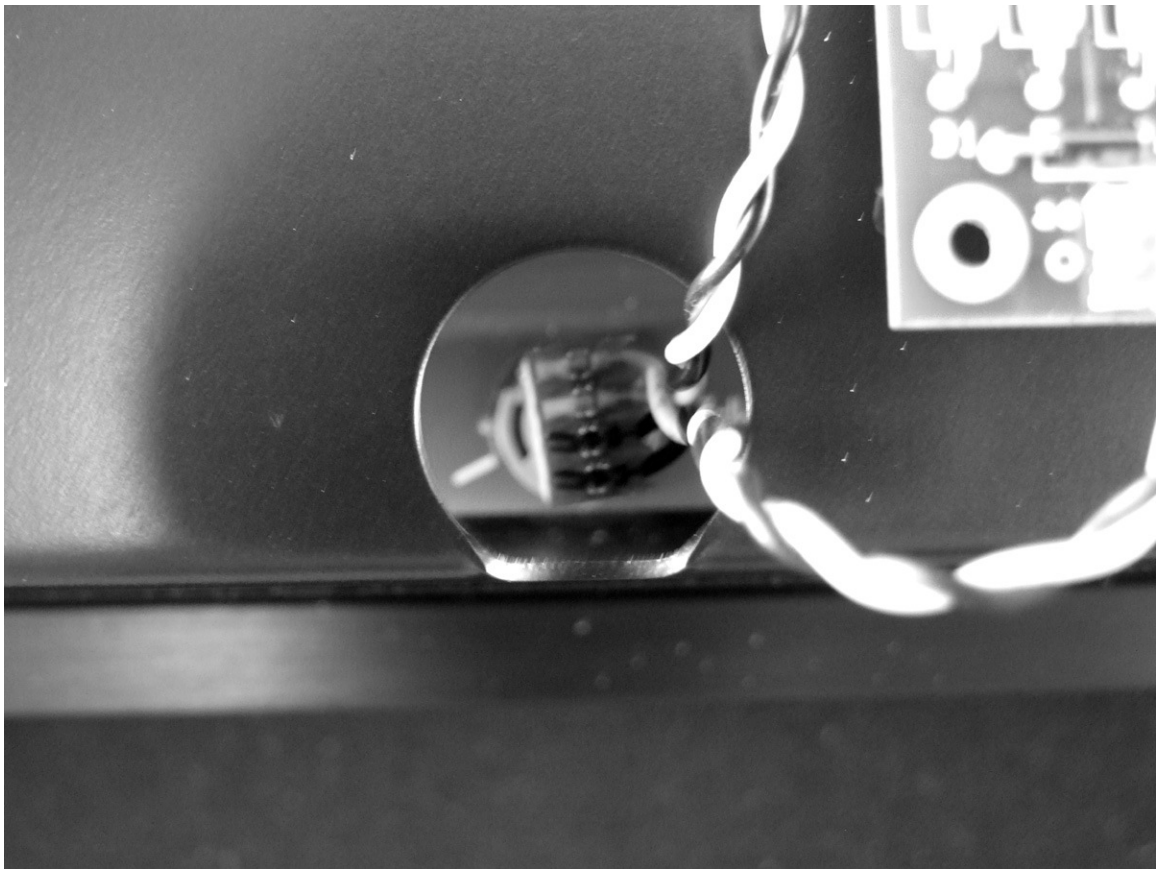
9. Install the master lamp in the lamp 1 socket as shown in figure 4. To do this just place the lamp in the socket, with the flat side of the four pin connector facing you and the black indicator facing right. Gently twist the lamp clockwise, about

1/8th turn. Black indicator should now face the 5 o'clock position.



10. Install the seven lamps that are attached to the power supply, in the grommets that were installed in step 6. Slide the lamps into the grommets until the blue lamp socket contacts the grommet. Firmly press down on the blue connector while you wiggle the connector in a circular motion. You may have to moisten them a bit to get them to slide into the grommets.

11. Attach the blue four pin connector to the master lamp, as shown in fig. 6.



12. Very carefully, prop the front panel up against the chassis, taking care to not to crush any of the wires, and power-up the MR85. Check to see that all LED's are illuminating. If there are one or more that are not, remove power from the unit and check all connections.

12. Now that you have everything working, you may re-assemble your MR85, by first re-attaching the front panel, making sure not to crush any of the wires or ribbon cables. (Step 4) Don't forget to attach the ground wire on each side.

13. Replace the nylon wire tie that was used to attach black wire cover to the chassis if removed.

14. Replace the three screws that attach the bottom cover to the front panel. (Step 2)

15. Position the top cover in place and replace the six screws that were removed in step 3.

16. You're finished with the project. Reconnect your MR85 to the rest of your system, and enjoy the music!

PreludeAudio.com
127 Mohawk Avenue
Scotia, NY 12302
(518) 382-1411
Fax (518) 382-0210
Toll Free 866 828-2004
e-mail cable@preludeaudio.com