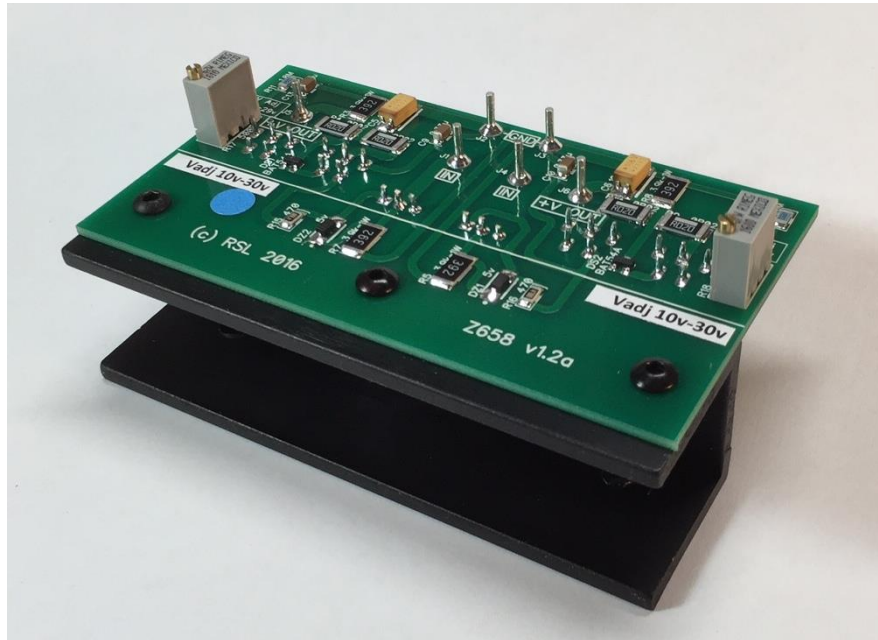


RSL PSM-1 Regulator Module for Naim HiCap – Installation Instructions

Dear Do-It-Yourselfer,

This mod to the original Naim HiCap requires only 6 solder joints and 2 screws to replace the regulator module. It provides the listener with a significant upgrade to the HiCap performance and usually takes less than 15 minutes to install.



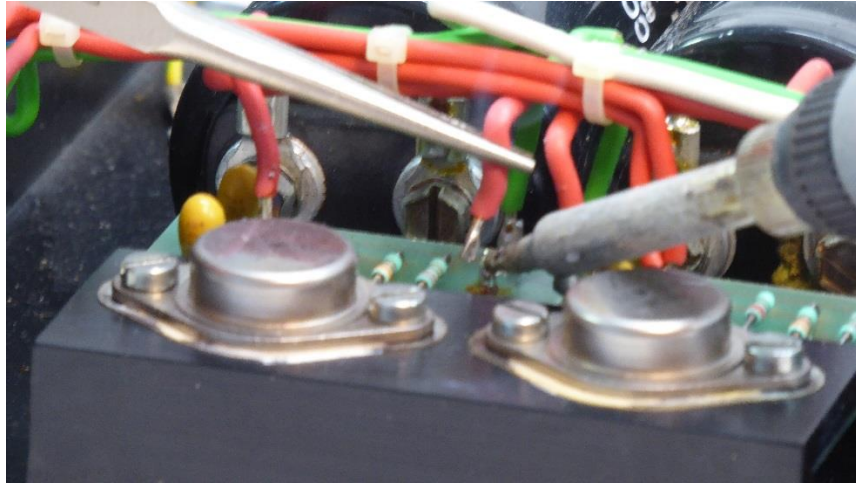
First, the mandatory **safety warnings**:

1. DISCONNECT THE POWER SUPPLY FROM THE MAINS BEFORE OPENING THE CASE!
2. Soldering uses hot irons and molten metal which can burn or potentially start a fire. Use appropriate caution with soldering irons.
3. Ensure that any grounding connections from the mains ground input to the chassis are re-installed after making the modification.

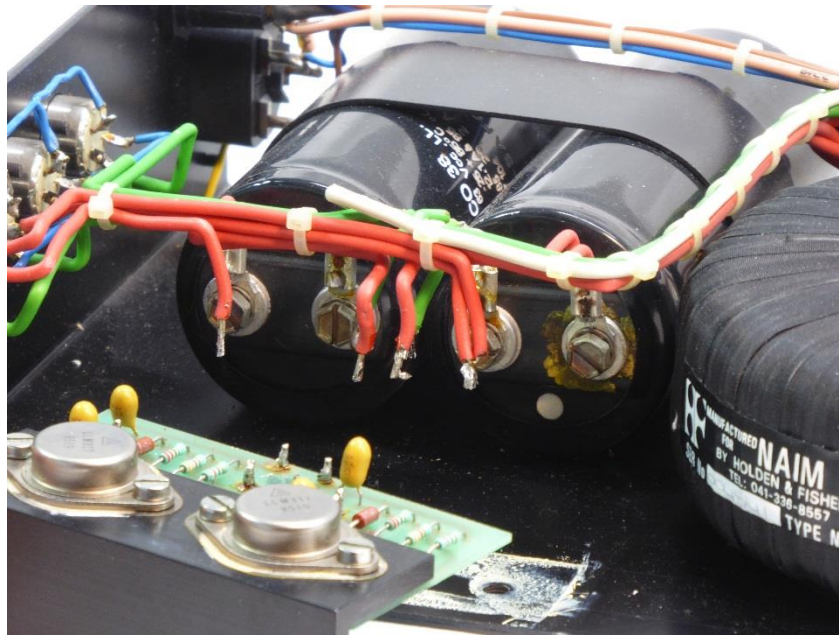
Now the fun part:

1. Remove the four rubber feet from the bottom of the HiCap. You may need a Phillips screwdriver to loosen some of them. Your HiCap may also have a separate grounding screw on the bottom which also needs to be removed with either a Phillips screwdriver or an Allen wrench.
2. Slide out the inner “U” frame (careful it’s heavy).

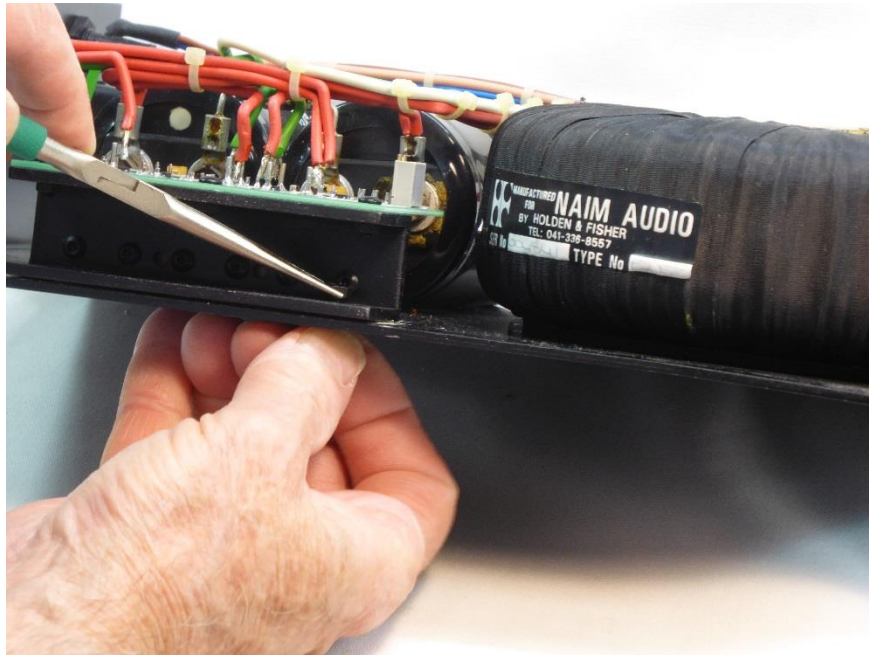
3. Unsolder the 6 existing wires from the Naim regulator module. See photos for locations. Keep unsoldered wires dangling in the existing locations to make re-soldering easier. No need to cut existing wire ties.



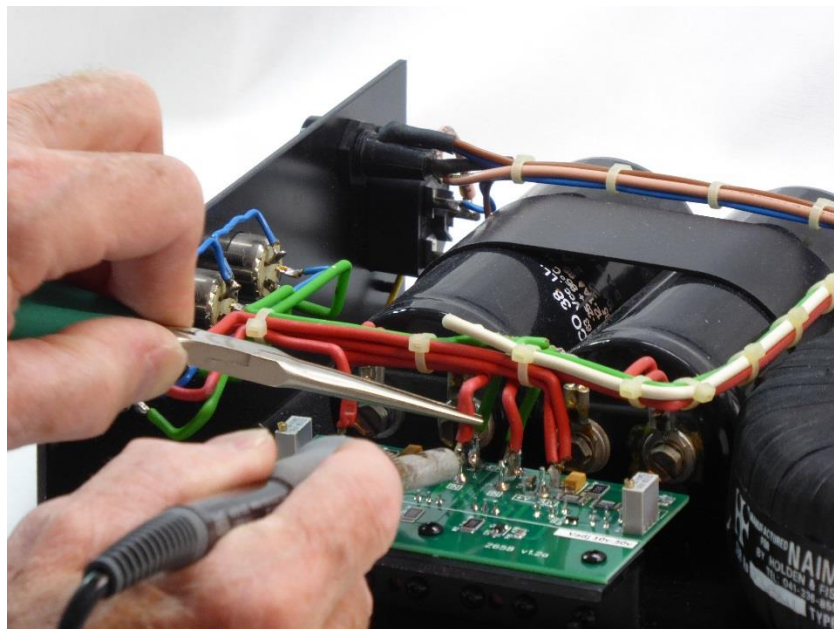
4. Turn the inner “U” frame over and, using the enclosed Allen wrench, remove the two flat head M4 screws holding the Naim’s regulator module to the frame. Remove the module and set aside.

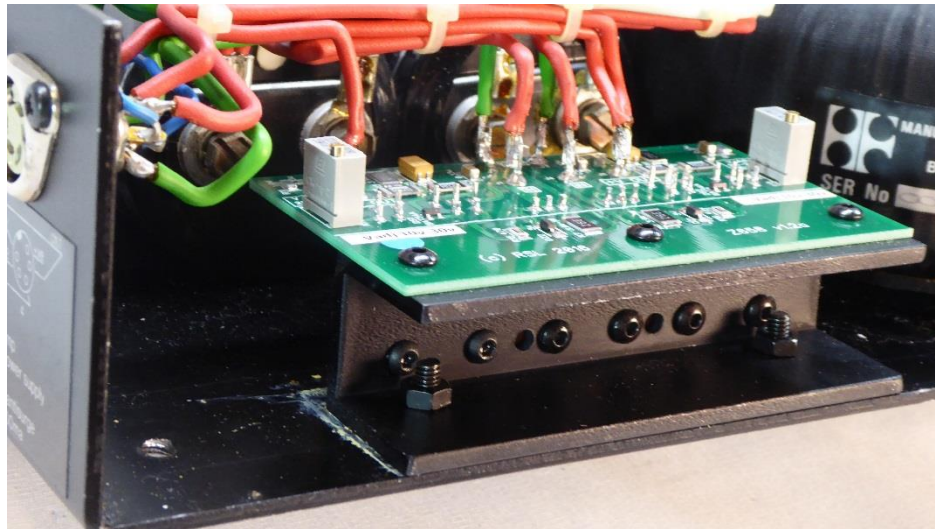


5. Turn the inner “U” frame back over and install the new PSM-1 regulator module in the same location noting that the aluminum channel faces in the opposite direction (i.e. the open side of the PSM-1 module channel faces toward the edge of the chassis instead of inward), using the included new M4 flat head screws (they’re longer) and M4 nuts. You may want to use needle nose pliers to hold the nuts in position while you screw in the screws from the bottom of the chassis through the new aluminum channel. Tighten the screws using the Allen wrench. Note: the holes in the new channel are NOT tapped (as were the original Naim holes) and use nuts provide a more secure installation.



6. The 6 pins sticking up on the new regulator have already been “tinned” with extra solder to make a good bond with the wires so no additional solder should be needed. Heat and re-solder the 6 wires to the pins on the new regulator module in the identical positions as before, as shown in the photo below. The pins are swaged in and will not come loose when heated.





7. Output voltage is set at the factory for 25v which works well for both Naim original and RSL-modified preamps. If you want to change the output voltage, use a voltmeter between the heavy ground bus wire on the capacitors and each of the two output pins on the regulator board and adjust the trimmer pots as needed. Turning the adjustment screws clockwise will raise the output voltage. Each side is independently adjustable over the range of 10v-30v.
8. Reassemble the HiCap enclosure, installing the four feet and grounding screw (if applicable). Affix RSL label to read of enclosure so you know what's inside. Re-attach mains and other cables and enjoy!

