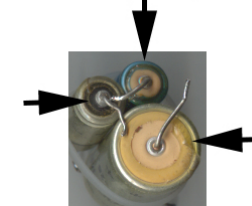


Pianet N's suffer greatly from noise and poor tone. As of this writing, the original capacitors on the Pianet N are over 40 years old. Most capacitors, especially electrolytics, have a lifespan of less than 10 years. You will probably notice that these old electrolytic capacitors are "leaking goo" around the edges, which is a sure sign the capacitor is dead. The original polyester caps, particularly the .1k caps, become microphonic with age, picking up slight vibrations (such as key noise) and amplifying it into a loud "thunking" sound whenever a key is depressed. If you tap on one of these .1k capacitors with a wooden dowel while the unit is on, you will hear a loud knocking noise.

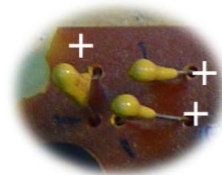
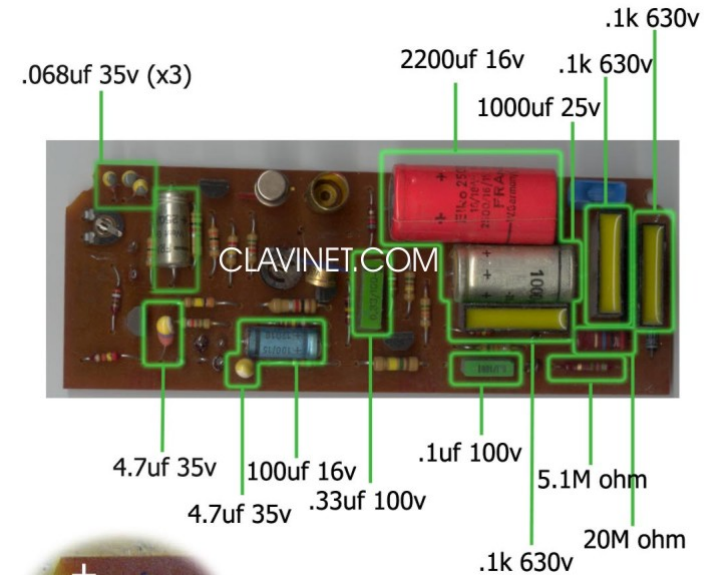
The Clavinet.com Pianet N upgrade kit ([available here](#)) replaces these old parts with premium film caps and low-noise electrolytic caps (such as Wima and Nichon). Also included are two of the large value resistors (20M and 5.1M) in the Pianet N that tend to drift over time.

Please view the [upgrade schematic](#) to verify that you have the proper version of the Pianet N before you purchase the kit. Because you will be working with high voltage capacitors, Clavinet.Com assumes no liability FOR PERSONAL INJURY OR PERSONAL PROPERTY CLAIMS RESULTING FROM THE USE OF THIS PRODUCT.

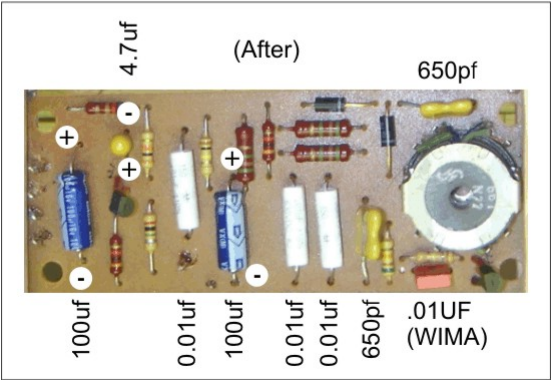
Leaking (Dead) Pianet N  
Electrolytic Caps



1. Always Wear Eye Protection!
2. Unplug the power cord!
3. Remove the Pianet N inner lid by removing the two screws and pulling the cover out towards you.
4. Unsolder the (13) wires connected to the board and remove the PCB from the Pianet.
5. Take a small jumper wire and touch the positive end of each electrolytic capacitor to its negative end to discharge whatever voltage is present.
6. Apply a small amount of fresh solder to each connection you are going to unsolder, then heat up the connection and remove the solder with a "solder sucker"
7. Replace the components as shown. BE SURE TO OBSERVE THE CORRECT POLARITY OF THE ELECTROLYTIC AND TANTALUM CAPACITORS.
8. When finished, re-solder the (13) wires as shown and replace the lid.
9. Re-connect power to your Pianet and enjoy the improved sound of your Pianet N!



Upgrading the Hohner Combo Pianet PCB  
CLAVINET.COM  
Hohner Combo Pianet Preamp Upgrade  
(Before)



NOTE: OBSERVE CORRECT POLARITY OF 100 UF AND 4.7 UF Caps