

FUTURE RETRO SYNTHESIZERS TTT

UPGRADE INSTALLATION

Please follow all directions carefully and in the order that follows.

1. Make sure the power is off and the power supply has been disconnected.
2. Gently remove the knobs on the front panel, by pulling directly up.
3. Remove the nuts from the 7 switches on the front panel.
4. Remove the 4 black screws at the front of the bottom panel, and the 4 on the rear panel where the jacks are located.
5. Pull the front panel off.

NOTE: While handling the processor it is necessary to ground yourself. To ground yourself, look at the area on the analog PC board where the power switch is located. Place your finger on the screw of the voltage regulator, as shown in figure 1.

6. Locate the processor just to the left of the 4 digit display, see figure 2.
7. Notice the semicircle indicator on the processor and the direction it faces. It is very important that the new processor's indicator faces the same direction.

Note location of the processors' indicator.

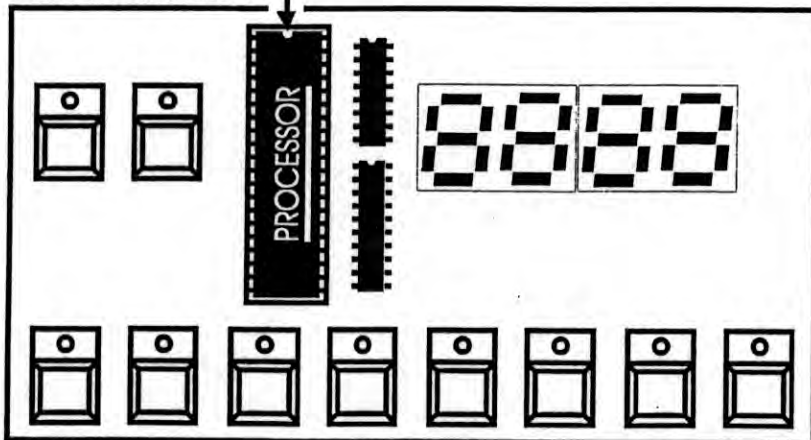


Figure 2

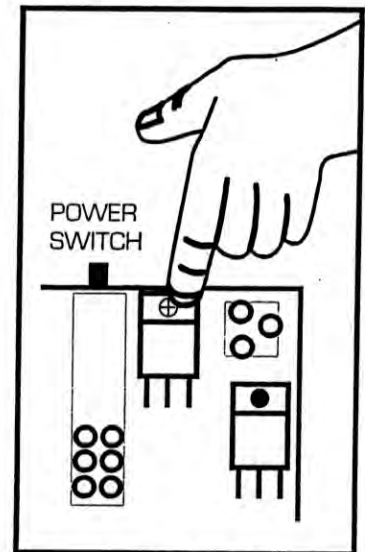


Figure 1

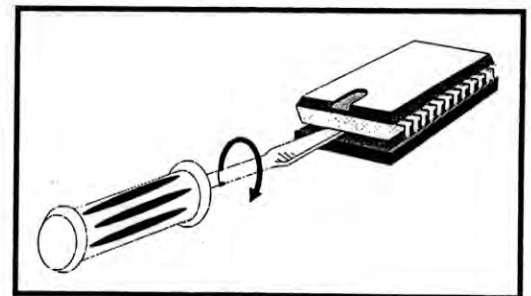


Figure 3

8. Place a small flat-blade screwdriver between the bottom of the processor and the top of its socket, as shown in figure 3. Gently twist the screwdriver to remove the processor from its socket.
9. Lay the new processor on the socket and make sure its pins are lined up with the socket. Again, make sure the processor's indicator is located in the position shown in figure 2.
10. Press the processor into its socket until it is fully seated.
11. Place the front panel back on the unit.
12. Install the 4 black screws at the front of the bottom panel, and the 4 on the back panel where the jacks are located.
13. Screw the nuts back on the 7 switches.
14. Place all the knobs back on the front panel.

For information on how to use the new features, please read the included data sheets.