

Errata Page

Important! Please incorporate into your Hilltopper20 build

This kit is designed to be built in 7 grouped assembly sequences. The Assembly Manual on Page 4 suggests you do not have to follow them. However, the beta builders did find that the indicated assembly stages did make the build easier. **This kit is provided with the parts for each assembly sequence in individual bags.**

During the Beta building sessions the testers identified two issues with this first run of the Hilltopper20. Both of which are easily corrected by you, the builder.

1. The first issue: on the current board is that the BNC is mounted too far inward, and won't let the male connector easily mate to it. To address this problem we recommend you:
 - a. **Snap off the existing rear panel from the main PCB and discard;**
 - b. **Replace that rear panel with the rear panel contained in the "Final" parts bag.**

2. The second potential issue we discovered in a limited number of test cases that U3 could operate erratically. **The fix for this is the simple addition of a .01 microfarad capacitor (C54) across electrolytic capacitor C29 during Group 4. The Group 4 parts placement graphic on page 10 shows the placement of C54 immediately adjacent to C29. However your first run board is not currently designed to install C54 at this location.**
 - a. **Solder C29 into the main PCB, but do NOT flush cut the leads at this time.**
 - b. **With board still in the upside down position solder the .01 microfarad capacitor across the leads of C29 on the bottom of the main PCB.**
 - c. **Make sure the capacitor C54 lies flat across the board.**
 - d. **Carefully inspect the immediate area around these two capacitors to ensure there are no solder bridges across the lands.**
 - e. **After soldering the leads of both C29 and the added .01 microfarad capacitor can be flush cut.**
 - f. **This is a different sequence than currently given in the Assembly Manual We suggest you make a marginal note on page 10 in your copy of the Assembly Manual**

Thanks for your patience and understanding. These changes will be addressed in the boards for future runs of the kits.