

K2 MANUAL ERRATA

Rev. C-12, June 11, 2002

<p style="text-align: center;">THE CORRECTIONS BELOW MUST BE MADE BEFORE YOU BEGIN ASSEMBLY OR THE K2 WILL NOT OPERATE CORRECTLY</p>

1. **If you are building or planning to build a K2/100 (K2 plus KPA100 integration kit):** Look for a small envelope and instructions labeled "K2 Modifications for use with the KPA100." The envelope contains a few parts that replace some of those in the K2 kit. You'll need to correct the parts list accordingly.
2. **Page 24, left column, last paragraph:** Add this sentence at the end of the paragraph: "If the large mounting tabs cannot be inserted into their holes, use a small file to slightly reduce their width."
3. **Page 31, left column, last assembly step:** Cut out the following paragraph and attach it below the last step, which refers to installation of the small knobs:

The small knobs may fit too tightly onto the potentiometer shafts. If so: Rotate the shaft until it bumps up against one of its stops. Then, place the knob at the top of the shaft, and rotate it in the same direction while gently pressing it down. This will smooth out the ferrules on the shaft.

4. **Page 34, right column, sixth assembly step:** Delete Q23 from the list of components in this step.
5. **Page 44, right column, Figure 6-14:** The coax length should be shown as 6" (15 cm). The assembly instructions are correct.
6. **Page 48, right column, second to last assembly step:** After the step where Q12 is installed, add a step to install Q23. Q23 is near the front edge of the RF board.
7. **Page 60, right column, last step:** In item #2 change "7000.10" to "7000-7300 kHz". (An exact frequency setting is not required with the new firmware.) Item #4 should specify "about 10 kHz", not "5 kHz". In item #5, change "1-2 minutes" to "about 5 minutes".
8. **Page 73, left column:** Delete the entire section titled "VFO Linearization". (The CAL PLL procedure is now done only once, on 40 meters, as indicated on page 60.)
9. **Page 84, left column:** **FIL** and **PLL** should be reversed in the list of **CAL** functions at the top.
10. **Page 84, right column:** In the first sentence of the paragraph titled "VFO Linearization (CAL PLL)", delete the text "and must be done once on each band." Under "To Linearize the VFO:", change item #5 to "Switch to 40 meters and set the VFO anywhere in the range of 7000-7300 kHz." In item #7, change "1 to 2 minutes" to "about 5 minutes". Delete item #8.
11. **Page 98, right column:** In the second sentence of the first paragraph, delete "on all bands". In item #8, near the bottom of the page, change "the present band only" to "40m". Delete item #11.
12. **Front Panel Board Parts List, page 2:** 4.7 k resistors R6 and R7 may be supplied as 1% resistors (color code YEL-VIO-BLK-BRN). Use an ohmmeter to verify the supplied values.
13. **RF Board Parts List, page 1:** C45 has an alternate value of 2.2 pF. Also, C22 and C33 now have two alternate values: 2.7 and 3.3 pF. *Note: These small-value capacitors may be labeled with an "R" substituting for the decimal point. Examples: "2R7" = 2.7 pF.*
14. **RF Board Parts List, page 8:** U10 and U11 may be SA612 or NE612 in addition to SA602/NE602.
15. **Schematic, Control board:** C11 (near P2, lower middle of sheet) should be .01 μ F, not .001 μ F.
16. **Appendix E, page 8:** Add problem #232: "If you see INFO 232 during CAL PLL, make sure 40 m is selected and that the counter cable is on test point 1 (VCO)."
17. **Your kit includes an updated version of the K2 firmware (revision 2.01 or higher).** There are many new features in this firmware that are not described in the K2 manual. Once you have built the K2 and have become familiar with basic operation, please read the K2 Revision 2 Firmware Manual, which is supplied with the kit, and try out these new features.