

# Kanga US

3521 Spring Lake Drive

Findlay, OH 45840

419-423-4604

kanga@bright.net

[www.bright.net/~kanga/kanga/](http://www.bright.net/~kanga/kanga/)

419-421-5041 (FAX)

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Enclosed is a 10k pot which is to be used as the RIT pot on the VFO. It is R14 on the VFO schematic.

Also enclosed is a 10 pf capacitor. It can be used in place of the 100 pf capacitor at C28 which is the RIT coupling capacitor. The original circuit was designed with a much larger main tuning capacitor, and C28 = 100 pf gave a reasonable RIT range. When the circuit was re-designed with the 65 pf variable supplied, the RIT section was not re-designed. As a result, the RIT pot covers a much larger range than it should! Changing C28 to 10 pf solves the problem.

Other items which have come up since the kit was shipped include:

When positioned as shown in the layout, the banded end of D1 and D2 is UP. The banded end of D4 and D5 is DOWN.

D3 looks like a "two legged transistor". The flat side of the package goes toward the edge of the PC board.

On the schematic for the complete VFO - the 51 Ohm resistor that is connected to +12 near "TX out" on the right side of the diagram is R31, not R1 as labeled.

The 78L09 is U2, not U1.

The schematic indicates that the trifilar transformers are wound on FB 43-2401 beads. They are actually wound on the FT 37-43 toroids supplied - 8 turns for each.

The Universal VFO Parts List indicates R8 and R9 are the two 22 ohm resistors. It should say R8 and R29 are the two 22 ohm resistors.

The Parts list indicates an MV2107 is used for D3 - it should be an MV2207. The 1N4148 diodes are actually supplied as 1N4151 diodes.

Sorry for any problems this may have caused!

73 - Bill - N8ET