

UNIDEN PC-122 - Kit #146 Installation

Use the parts layout on page 20 of Vol. 24 as a guide if needed.

1. Isolate Pin 10 by cutting foil trace on bottom side of PCB.
2. Solder the Brown wire to Ground - Pin 21.
3. Solder the Red wire to 5VDC. - Pin 11.
4. Solder the Orange wire to Pin 14.
5. Solder the Yellow wire to Pin 10.
6. Solder the Green wire to the other side of the foil trace that was isolated from Pin 10.
7. Remove C67 (2PF) and save, install the 1PF capacitor that comes in kit.
8. Remove C66 (5PF) and replace with the 2PF removed at C67 originally.
9. Change R106 (100 ohm) to a 47 ohm, this is provided in kit.

Alignment:

1. With switch in center position, check for regular 1-40 operation.
2. Switch in DOWN position, adjust the tripler (L38) for 27.285 on ch. 1.
3. Switch in UP position, check for 27.605-28.045MHz. The VCO (L13) may have to be adjusted slightly.

NOTE: The tuning on tripler L38 is very critical, but with a little patience can be adjusted for full range.

"Small/Compact! Great for the tight installation. 18W on SSB, with 7W AM - swing to 12W. So far unit has performed flawlessly!"

R.S.

Ed. Note: For further modification of unit (slide) and complete line-up procedure; see SCB Vol. 24, pages 19-22.

CORRECTION FOR VOLUME 16, PAGE 33 - M58472P PLL CHIP:



—Red-source 4, or Emitter (not Collector) of Q601.

This was a correction that had to be made when modifying a GE 3-5801A. Source also found that Sams had made a mistake in CB144 by reversing Emitter & Collector. When he hooked red wire to Emitter everything worked good.
