

Manually Programming Some HT's

1. Set radio to VFO Mode (Frequency Mode)
 - a.) **Baofeng UV5R series** - Press VFO/MR button
 - b.) **Baofeng UV82** - Turn radio OFF, then Press/Hold MENU button during Power ON.
 - c.) **Wouxon KG UV8D** - Press VFO/MR button

2. Select Display A (**this is a must**)
 - a.) **Baofeng UV5R/GT3** - Press **[A/B]** and select the **Upper Display**.
 - b.) **Baofeng UV82** - Press **[EXIT A/B]** and select the **Upper Display**.
 - c.) **Wouxon KG UV8D** - Press **[A/B]** and select the **Upper Display**.

3. Disable TDR (Dual Watch/Dual RX) which toggles between A and B.
Press **[Menu] 7 [Menu]**
Select **OFF**
Press **[Menu] [Exit]**
SKIP THIS STEP FOR WOUXON UV8D

4. Delete Prior Data from the channel to be programmed.
Press **[Menu] 2 8 [Menu]**
Enter **9 9** (Memory Channel to clear)
Press **[Menu] [Exit]**

5. Enter the Repeater Offset.
Note: Requires five digits. 5MHz = 0 5 0 0 0
Press **[Menu] 2 6 (use menu 23 for Wouxon UV8D) [Menu]**
Enter **0 0 6 0 0** (For Wouxon UV8D enter 000600 or 005000)
Press **[Menu] [Exit]**

6. Enter the Transmit Frequency Shift.
Press **[Menu] 2 5 (use menu 24 for Wouxon UV8D) [Menu]**
Enter **2** for Minus shift. (or ▲▼ to -)
Press **[Menu] [Exit]**

7. Set CTCSS or DCS codes for Transmit. Select CTCSS Freq. From table below.
(example = CTCSS TX tone 123.0 Hz)
Press **[Menu] 1 3 (use menu 16 for Wouxon UV8D) [Menu]**
Enter **1 2 3 0 [Menu] [Exit]**

8. Enter the repeater output frequency, **1 4 6 . 7 0 0**

9. Store RX frequency

Press **[Menu] 2 7 [Menu]** radio will respond
"Memory Channel"
WOUXON UV8D WILL RESPOND CHANNEL MEMORY

Enter **9 9** (Memory Channel) (000 to 127)
This is the channel that was cleared in step 4.

Press **[Menu] [Exit]**

radio will respond
"Receiving Memory"

10. Press the [* Scan] button.
This activates Reverse Mode and displays the TX frequency.
SKIP FOR WOUXON UV8D

11. Press [Menu] 2 7 [Menu]

radio will respond
"Memory Channel"

Enter the same **Memory Channel** entered above.
SKIP FOR WOUXON UV8D

- Press [Menu]

radio will respond
"Transmitting Memory"

12. Press the [* Scan] again to exit the Reverse Mode.
SKIP FOR WOUXON UV8D

13. Press [Exit]

14. Set radio to Channel Mode
a.) **UV5R series** - Press VFO/MR button
b.) **UV82** - Turn radio OFF, then Press/Hold MENU button during PowerON.)
c.) **UV8D** - Press VFO/MR button

CTCSS table

Table C.2. CTCSS Frequencies

Number	Frequency	Number	Frequency
01	67.0	02	69.3
03	71.9	04	74.4
05	77.0	06	79.7
07	82.5	08	85.4
09	88.5	10	91.5
11	94.8	12	97.4
13	100.0	14	103.5
15	107.2	16	110.9
17	114.8	18	118.8
19	123	20	127.3
21	131.8	22	136.5
23	141.3	24	146.2
25	151.4	26	156.7
27	159.8	28	162.2
29	165.5	30	167.9