

## TK330I and TK320I Manual Programming

The TK320I and TK330I can be programmed using either Programming software and cable (The fast way) or manually via a combination of buttons. (The slow way.)

Programming involves changing two settings associated with each knob position. The Channel (Frequency) (there are 8 of these) . And the Tone (CTCSS) (see chart on the right). These settings must match on each radio for them to communicate. You don't have to worry about every knob position only the ones you will be using.

If you are going to program manually find a quiet location without distractions because you will need to hear the audio messages from the radio and to press the buttons promptly before the radio exits programming mode.

### Note: CTCSS Tone Numbering for non Kenwood

If you wish to make a Kenwood talk to other makes of radio then although Channel numbering 1 to 8 are the same across makes. The Tone numbering varies. Use the chart on the right to compare and match numbering with the manual for the other make of radio..

### First select the Knob position for which you wish to change the settings.

- Turn channel knob to desired channel knob position.

### Put the radio into programming mode.

- Press + Hold PTT and Top Side Button while turning the radio on. Radio will say 'self'.

### Change Channel / Tone settings

Release PTT + Top side button, Radio will say 'channel'

Use either side button to cycle between channel and tone programming

Press Top side button until it says 'channel'  
Press PTT ONCE to select Channel Programming.  
Press side buttons to select the 'table' (Channel) number  
Press PTT ONCE to remember the Channel setting.

Use side buttons until it says 'Tone'

Press PTT ONCE

Use side buttons to select 'Table ' (Tone) number.

Press PTT ONCE to remember Tone setting.

Turn off and then on again.

CTCC Tone numbering used by Kenwood. Other makes use a different numbering scheme.

Tone Number	QT/DQT Setting	Tone Number	QT/DQT Setting	Tone Number	QT/DQT Setting
1	67.0 Hz	14	107.2 Hz	27	D132N
2	71.9 Hz	15	110.9 Hz	28	D155N
3	74.4 Hz	16	114.8 Hz	29	D134N
4	77.0 Hz	17	118.8 Hz	30	D243N
5	79.7 Hz	18	123.0 Hz	31	D311N
6	82.5 Hz	19	127.3 Hz	32	D346N
7	85.4 Hz	20	131.8 Hz	33	D315N
8	88.5 Hz	21	136.5 Hz	34	D351N
9	91.5 Hz	22	141.3 Hz	35	D423N
10	94.8 Hz	23	146.2 Hz	36	D664N
11	97.4 Hz	24	151.4 Hz	37	D431N
12	100.0 Hz	25	156.7 Hz	38	D723N
13	103.5 Hz	26	162.2 Hz	Off	OFF

### My Radio Settings

Knob	Channel	Tone
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		