

Cobra 77X (upd858 -2 Crystal) N Code to Frequency Chart (134 Channels)

(+ = Pos. 4.80V) (-- = Gnd) (4.7K Resistors On Needed Pins)

19	to +	-	= 159/142 on 15/1	= 26.735 - 26.565	
18/19	to +	-	= 179/162 on 15/1	= 26.935 - 26.765	
CB			= 182 / 226 on 1/40	= 26.965 - 27.405	
18	to +	-	= 227/239 on 21/33	= 27.415 - 27.535	
19	to +	-	18 to --	= 240/259 on 16--/33	= 27.545 - 27.735
18/19	to +	-	= 260/279 on 16--/33	= 27.745 - 27.935	

For "A's" or "Skip" channel's **Pin 13** will add 10 KHz on + OR subtract 10 KHz on --
 (3A = 3+ / 7A = 8-- / 11A = 11+ / 15A = 16-- / 19A = 19+)

(1 SPST Switch On Pin 14 to Grd. - Can Get The 4 Missing Channels On The Low Side Using Ch. 1&2)

TX Freq.	TX Freq.	TX Freq.	(CB)TX Freq.	TX Freq.	TX Freq.	TX Freq.
1	26.565	26.765				26.965
2	26.575	26.775				26.975
3	26.585	26.805				26.985
Sw. 13 - 3+	26.595	26.785	26.995			
4	26.605	26.795				27.005
5	26.615	26.815				27.015
6	26.625	26.825				27.025
7	26.635	26.835				27.035
Sw. 13 - 8--	26.645	26.845	27.045			
8	26.655	26.855				27.055
9	26.665	26.865				27.065
10	26.675	26.875				27.075
11	26.685	26.885				27.085
Sw.13 - 11+	26.695	26.895	27.095			
12	26.705	26.905				27.105
13	26.715	26.915				27.115
14	26.725	26.925				27.125
15	26.735	26.935				27.135
Sw.13- 16--			27.145		27.545	27.745
16			27.155		27.555	27.755
17			27.165		27.565	27.765
18			27.175		27.575	27.775
19			27.185		27.585	27.785
Sw.13 - 19+			27.195		27.595	27.795
20			27.205		27.605	27.805
21			27.215	27.415	27.615	27.815
22			27.225	27.425	27.625	27.825
23			27.255	27.455	27.655	27.855
24			27.235	27.435	27.635	27.835
25			27.245	27.445	27.645	27.845
26			27.265	27.465	27.665	27.865
27			27.275	27.475	27.675	27.875
28			27.285	27.485	27.685	27.885
29			27.295	27.495	27.695	27.895
30			27.305	27.505	27.705	27.905
31			27.315	27.515	27.715	27.915
32			27.325	27.525	27.725	27.925
33			27.335	27.535	27.735	27.935
34			27.345		27.545	27.745
35			27.355		27.555	27.755
36			CONT.		27.565	27.765

Switches Needed: 2 SPDT (Cent. Off) - 13/18 // 1 SPST -19

Note: The "N" Code For 1 Through 15 Would Suggest That Pin 20 Needs To Be Pulled Low (0)
 For Channels Lower Than 26.965, But 19 High (1) Cancels Out 20 High Every Time

Note:

This is a PLL Mod will work for a Cobra 77x (21x / TRC-452 etc.) (upD858 2 Crystal AM). If you have trouble broad banding the TX mixer, I had to fine tune (Very, Very Fine Tune) all the way thru L211, L212, and L214.

The VCO worked by simply dropping the CH. 40 voltage from 3.5 to 3.1 giving a 27.935 voltage of 4.65 just short of the 4.8 VCO maximum.