

Motorola Chanel Numbering Chart – Find the Channels on your FRS/GMRS Radio

Not all FRS radio manufacturers use the same channel number or sub-audible "privacy" tone selection numbers for their radios. In order to tune your FRS radio for use with other LAFD CERT members you must know which channel and tone on your radio corresponds to the official LAFD CERT channels and tones listed below. Use the following chart of frequencies and tones and the information that came with your radio to identify the proper channels and tones on your radio. You may wish to print out a cheat sheet of correct channel numbers and tones and paste it to the back of your radio.

The LAFD ACS-CERT Comm Plan conforms to the Motorola channel numbering convention. The following chart follows the Motorola convention and labels the first 7 channels for Family Radio Service (FRS) and General Mobile Radio Service (GMRS). These channels share the same frequency and can be transmitted to and received from both FRS and GMRS radios. The Motorola convention names Channels 8 through 14 as FRS only and Channels 15 through 22 for as GMRS only frequencies. You or a member of your family must have an FCC GMRS License to use GMRS radios frequencies. Since most CERT members will not have GMRS radios, use FRS Channels 1 through 14 for CERT Comm Plan tactical use.

Frequency	Channel Numbers		Channel on My Radio
462.5625	GMRS 1	FRS 1	
462.5875	GMRS 2	FRS 2	
462.6125	GMRS 3	FRS 3	
462.6375	GMRS 4	FRS 4	
462.6625	GMRS 5	FRS 5	
462.6875	GMRS 6	FRS 6	
462.7125	GMRS 7	FRS 7	
467.5625		FRS 8	
467.5875		FRS 9	
467.6125		FRS 10	
467.6375		FRS 11	
467.6625		FRS 12	
467.6875		FRS 13	
467.7125		FRS 14	
462.5500	GMRS 15		
462.5750	GMRS 16		
462.6000	GMRS 17		
462.6250	GMRS 18		
462.6500	GMRS 19		
462.6750	GMRS 20		
462.7000	GMRS 21		
462.7250	GMRS 22		

Sub-Audible "Privacy" Tones					
My Tone #	Tone #	Hertz	My Tone #	Tone #	Hertz
	1	67		20	131.8
	2	71.9		21	136.5
	3	74.4		22	141.3
	4	77		23	146.2
	5	79.7		24	151.4
	6	82.5		25	156.7
	7	85.4		26	162.2
	8	88.5		27	167.9
	9	91.5		28	173.8
	10	94.8		29	179.9
	11	97.4		30	186.2
	12	100		31	192.8
	13	103.5		32	203.5
	14	107.2		33	210.7
	15	110.9		34	218.1
	16	114.8		35	225.7
	17	118.8		36	233.6
	18	123		37	241.8
	19	127.3		38	250.3