

GMRS / FRS Frequency Chart

Common Channel	RX / TX Frequency	FRS Maximum Output	GMRS Maximum Output	General Range (Approximate)	GMRS / FRS Shared Channels - Description and Usage
01	462.5625	2 W	5 W	Local	Simplex only – General Use
02	462.5875	2 W	5 W	Local	Simplex only – General Use
03	462.6125	2 W	5 W	Local	Simplex only – General Use
04	462.6375	2 W	5 W	Local	Simplex only – General Use / Back Country and Hunter Safety Local
05	462.6625	2 W	5 W	Local	Simplex only – General Use / Camping Local
06	462.6875	2 W	5 W	Local	Simplex only – General Use / Off-road local
07	462.7125	2 W	5 W	Local	Simplex only – General / Non-voice GPS / Text / Data transfer
08	467.5625	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
09	467.5875	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
10	467.6125	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
11	467.6375	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
12	467.6625	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
13	467.6875	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
14	467.7125	0.5 W	0.5 W	Short Distance	Simplex only – Family / Children
15	462.5500	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use
16	462.5750	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use / Off-road Wide Area
17	462.6000	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use / Camping Wide Area
18	462.6250	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use / Back Country and Hunter Safety Wide Area
19	462.6500	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use / Highway Safety / Caravans / RV
20	462.6750	2 W	50 W	Wide Area	Simplex and Repeater Output – Calling / Traveler assistance / Emergency channel (141.3 Hz)
21	462.7000	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use
22	462.7250	2 W	50 W	Wide Area	Simplex and Repeater Output – General Use

GMRS / FRS Frequency Chart

Common Channel	TX Frequency	FRS Maximum Output	GMRS Maximum Output	General Range	GMRS Repeater Input Channels - Description and Usage
15R	467.5500	None	50 W	Wide Area	Repeater Input Only – General Use
16R	467.5750	None	50 W	Wide Area	Repeater Input Only – General Use
17R	467.6000	None	50 W	Wide Area	Repeater Input Only – General Use
18R	467.6250	None	50 W	Wide Area	Repeater Input Only – General Use
19R	467.6500	None	50 W	Wide Area	Repeater Input Only – General Use
20R	467.6750	None	50 W	Wide Area	Repeater Input Only – Calling / Traveler assistance / Emergency channel (141.3 Hz)
21R	467.7000	None	50 W	Wide Area	Repeater Input Only – General Use
22R	467.7250	None	50 W	Wide Area	Repeater Input Only – General Use

CTCSS Codes

ID	Freq	ID	Freq	ID	Freq	ID	Freq	ID	Freq
1	67.0	9	91.5	17	118.8	25	156.7	33	210.7
2	71.9	10	94.8	18	123.0	26	162.2	34	218.1
3	74.4	11	97.4	19	127.3	27	167.9	35	225.7
4	77.0	12	100.0	20	131.8	28	173.8	36	233.6
5	79.7	13	103.5	21	136.5	29	179.9	37	241.8
6	82.5	14	107.9	22	141.3	30	186.2	38	250.3
7	85.4	15	110.9	23	146.2	31	192.8		
8	88.5	16	114.8	24	151.4	32	203.5		

DCS Codes

ID	Code	ID	Code	ID	Code	ID	Code	ID	Code
1	23	22	143	43	315	64	532	85	53
2	25	23	152	44	331	65	546	86	122
3	26	24	155	45	343	66	565	87	145
4	31	25	156	46	346	67	606	88	212
5	32	26	162	47	351	68	612	89	225
6	43	27	165	48	364	69	624	90	246
7	47	28	172	49	365	70	627	91	252
8	51	29	174	50	371	71	631	92	255
9	54	30	205	51	411	72	632	93	266
10	65	31	223	52	412	73	654	94	274
11	71	32	226	53	413	74	662	95	325
12	72	33	243	54	423	75	664	96	332
13	73	34	244	55	431	76	703	97	356
14	74	35	245	56	432	77	712	98	446
15	114	36	251	57	445	78	723	99	452
16	115	37	261	58	464	79	731	100	454
17	116	38	263	59	465	80	732	101	455
18	125	39	265	60	466	81	734	102	462
19	131	40	271	61	503	82	743	103	523
20	132	41	306	62	506	83	754	104	526
21	134	42	311	63	516	84	36		

General Information

CTCSS / DCS Codes	Definitions
CTCSS codes are sub-audible tones that are measured by audio frequency in hertz. DCS codes are bit streams added to a radio carrier. Consumer radios often have just an ID code number to identify each specific code. The Codes listed are Midland. Both Midland and Motorola ID codes for CTCSS codes up to 38 are the same. The DCS codes are different. For information on how to match the DCS codes, please check our website.	Channel usage description is common / recommended. Local use may vary. Short Distance – Within 1 mile. Local Area – Within 5 miles. Wide Area Simplex – Within 10 miles. Wide Area Repeater – 15 to 50+ miles. Calling channel – Call to make contact, then change to another channel for longer conversations.