

Locking the Keypad

You can lock the keypad buttons to avoid accidentally changing your radio settings.

1. To lock the keypad, press and hold  for 3 seconds.

Note: The  icon will display.

2. To unlock, press and hold  for 3 seconds.

End-of-Transmission Tone

If enabled, your two-way radio transmits a tone when you finish transmitting. It is like saying *Roger* or *Over*.

1. To enable, press and hold  as you turn the radio ON.
2. To disable, simply turn your radio OFF and press and hold  as you turn the radio ON.

Time-Out Timer

The radio will emit a warning tone and will stop transmitting if the **Push to Talk** button is pressed for more than 60 seconds continuously.

Frequency and Code Charts

The charts on the following pages provide Frequency and Code information. These charts are useful when using Motorola AU Series two-way radios with other business radios. Frequency position is identical to Spirit M, GT, S, and XTN Series Frequencies (where applicable).

VHF Frequencies

Frequency	(MHz)	Bandwidth
1	151.6250	25.0
2	151.9550	25.0
3	154.5700	25.0
4	154.6000	25.0
5	151.7000	12.5/25.0
6	151.7600	12.5/25.0
7	151.8200	12.5/25.0
8	151.8800	12.5/25.0
9	151.9400	25.0
10	151.5125	25.0
11	151.6550	25.0
12	151.6850	125.0
13	151.7150	25.0
14	151.7450	25.0
15	151.7750	25.0

Frequency	(MHz)	Bandwidth
16	151.8650	25.0
17	151.8950	25.0
18	151.9250	25.0
19	152.7000	25.0
20	154.4900	25.0
21	154.5150	25.0
22	154.5275	25.0
23	154.5400	25.0
24	154.6000	25.0
25	154.6550	25.0
26	158.4000	25.0
27	158.4075	25.0

UHF Frequencies

Frequency	(MHz)	Bandwidth
1	464.5000	12.5/25.0
2	464.5500	12.5/25.0
3	467.7625	12.5
4	467.8125	12.5
5	467.8500	12.5/25.0
6	467.8750	12.5/25.0
7	467.9000	12.5/25.0
8	467.9250	12.5/25.0
9	461.0375	12.5
10	461.0625	12.5
11	461.0875	12.5
12	461.1125	12.5
13	461.1375	12.5
14	461.1625	12.5
15	461.1875	12.5
16	461.2125	12.5
17	461.2375	12.5
18	461.2625	12.5
19	461.2875	12.5

Frequency	(MHz)	Bandwidth
20	461.3125	12.5
21	461.3375	12.5
22	461.3625	12.5
23	462.7625	12.5
24	462.7875	12.5
25	462.8125	12.5
26	462.8375	12.5
27	462.8625	12.5
28	462.8875	12.5
29	462.9125	12.5
30	464.4875	12.5
31	464.5125	12.5
32	464.5375	12.5
33	464.5625	12.5
34	466.0375	12.5
35	466.0625	12.5
36	466.0875	12.5
37	466.1125	12.5
38	466.1375	12.5

UHF Frequencies (Continued)

Frequency	(MHz)	Bandwidth
39	466.1625	12.5
40	466.1875	12.5
41	466.2125	12.5
42	466.2375	12.5
43	466.2625	12.5
44	466.2875	12.5
45	466.3125	12.5
46	466.3375	12.5
47	466.3625	12.5

Frequency	(MHz)	Bandwidth
48	467.7875	12.5
49	467.8375	12.5
50	467.8625	12.5
51	467.8875	12.5
52	467.9125	12.5
53	469.4875	12.5
54	469.5125	12.5
55	469.5375	12.5
56	469.5625	12.5

Interference Eliminator Codes

Code	Hz
1	67.0
2	71.9
3	74.4
4	77.0
5	79.7
6	82.5
7	85.4
8	88.5
9	91.5
10	94.8
11	97.4
12	100.0
13	103.5

Code	Hz
14	107.2
15	110.9
16	114.8
17	118.8
18	123.0
19	127.3
20	131.8
21	136.5
22	141.3
23	146.2
24	151.4
25	156.7
26	162.2

Code	Hz
27	167.9
28	173.8
29	179.9
30	186.2
31	192.8
32	203.5
33	210.7
34	218.1
35	225.7
36	233.6
37	241.8
38	250.3

Digital Interference Eliminator Codes

Code	Hz
39	023
40	025
41	026
42	031
43	032
44	043
45	047
46	051
47	054
48	065
49	071
50	072
51	073
52	074
53	114
54	115
55	116
56	125
57	131

Code	Hz
58	132
59	134
60	143
61	152
62	155
63	156
64	162
65	165
66	172
67	174
68	205
69	223
70	226
71	243
72	244
73	245
74	251
75	261
76	263

Code	Hz
77	265
78	271
79	306
80	311
81	315
82	331
83	343
84	346
85	351
86	364
87	365
88	371
89	411
90	412
91	413
92	423
93	431
94	432
95	445

Digital Interference Eliminator Codes (Continued)

Code	Hz
96	464
97	465
98	466
99	503
100	506
101	516
102	532
103	546
104	565

Code	Hz
105	606
106	612
107	624
108	627
109	631
110	632
111	654
112	662
113	664

Code	Hz
114	703
115	712
116	723
117	731
118	732
119	734
120	743
121	754

Troubleshooting

Symptom	Try This:
No Power	Reposition, recharge or replace NiMH battery pack.
Message not transmitting	Make sure the Push to Talk button is completely pressed while transmitting. Reposition, recharge, replace the NiMH battery pack.
Message not received	Confirm that all radios have the same channel, frequency, and interference eliminator code settings. Make sure that the Push to Talk button is not inadvertently being pressed. Reposition, recharge, or replace the NiMH battery pack. Obstructions and operating indoors or in vehicles may interfere - change location.
Hearing conversation or noise on a channel	Check that the Interference Eliminator Code setting is not set to 0. A shared channel may be in use, try another.

Symptom**Try This:****Limited talk range**

Steel and/or concrete structures, heavy foliage, buildings, or vehicles decrease range. Check for a clear line of sight to improve transmission.

Wearing the radio close to the body such as in a pocket or on a belt decreases range. Change location of the radio.

Heavy static or interference

Radios are too close to one another. They must be at least 5 feet apart.

Obstacles are interfering with transmission.

Keypad locked

Make sure menu is unlocked. Unlock by holding  for 3 seconds.

Low batteries

Recharge or replace NiMH battery pack. Extreme operating temperatures affect battery life.

Charger light does not come on

Check that radio/battery is properly inserted and check battery/charger contacts to be sure they are clean.

Verify that the charging pin is inserted correctly.

