

Baofeng UV-5RA Channel Plan

This is a list of the basic programmed channels that AHTrimble.com uses

Channel Number	Name	Comment
0		available for user programming
1	TAC 1	Tactical Channel 1
2	TAC 2	Tactical Channel 2
3	TAC 3	Tactical Channel 3
4	TAC 4	Tactical Channel 4
5	TAC 5	Tactical Channel 5
6	TAC 6	Tactical Channel 6
7	TAC 7	Tactical Channel 7
8	TAC 8	Tactical Channel 8
9	TAC 9	Tactical Channel 9
10	TAC 10	Tactical Channel 10
11	TAC 11	Tactical Channel 11
12	TAC 12	Tactical Channel 12
13	TAC 13	Tactical Channel 13
14	TAC 14	Tactical Channel 14
15	TAC 15	Tactical Channel 15
16	TAC 16	Tactical Channel 16
17	R1 TX	Command Repeater 1 - Transmit
18	R1 RX	Command Repeater 1 - Receive
19	R2 TX	Command Repeater 2 - Transmit
20	R2 RX	Command Repeater 2 - Receive
21	R3 TX	Command Repeater 3 - Transmit
22	R3 RX	Command Repeater 3 - Receive
23	R4 TX	Command Repeater 4 - Transmit
24	R4 RX	Command Repeater 4 - Receive
25	R5 TX	Command Repeater 5 - Transmit
26	R5 RX	Command Repeater 5 - Receive
27 - 85	Channels are for local/user programming.	
86	GMR20R	GMRS Chanel 20 Travel Repeater
87	PMR 3	PMR Prepper
88	HAM U3	Ham UHF Prepper
89	HAMUHF	Ham UHF Calling
90	HAM 55	Ham 2 meter Survivalist
91	HAM 42	Ham 2 meter Prepper
92	HAM 52	Ham 2 meter Prepper Calling
93	SAREMT	Search & Rescue Emergency
94	NOAA 1	NOAA Weather Channel 1
95	NOAA 2	NOAA Weather Channel 2

Baofeng UV-5RA Channel Plan

Channel Number	Name	Comment
96	NOAA 3	NOAA Weather Channel 3
97	NOAA 4	NOAA Weather Channel 4
98	NOAA 5	NOAA Weather Channel 5
99	NOAA 6	NOAA Weather Channel 6
100	NOAA 7	NOAA Weather Channel 7
101	MURS 1	MURS Radio Channel 1
102	MURS 2	MURS Radio Channel 2
103	MURS 3	MURS Radio Channel 3
104	MURS 4	MURS Radio Channel 4
105	MURS 5	MURS Radio Channel 5
106	F G 1	Family & General Radio System Channel 1
107	F G 2	Family & General Radio System Channel 2
108	F G 3	Family & General Radio System Channel 3
109	F G 4	Family & General Radio System Channel 4
110	F G 5	Family & General Radio System Channel 5
111	F G 6	Family & General Radio System Channel 6
112	F G 7	Family & General Radio System Channel 7
113	FRS 8	Family Radio System Channel 8
114	FRS 9	Family Radio System Channel 9
115	FRS 10	Family Radio System Channel 10
116	FRS 11	Family Radio System Channel 11
117	FRS 12	Family Radio System Channel 12
118	FRS 13	Family Radio System Channel 13
119	FRS 14	Family Radio System Channel 14
120	GMRS 8	General Radio Channel 8
121	GMRS 9	General Radio Channel 9
122	GMRS 10	General Radio Channel 10
123	GMRS 11	General Radio Channel 11
124	GMRS 12	General Radio Channel 12
125	GMRS 13	General Radio Channel 13
126	GMRS 14	General Radio Channel 14
127	GMRS 15	General Radio Channel 15

- Channel 0 is available for user programming.
- Channels 1 - 16 are “tactical” channels. Look at these as working channels. They are all programmed for simplex operation, no tones, scan skip, lower power...except as noted below.
 - Channels 1, 9, 10, 12, 14 are programmed for “high” power for when more wattage is needed during transmission to increase distance of transmission.
 - Channels 11, 16 are programmed with DCS code for both transmit and receive. This will provide some communications privacy and security.

Baofeng UV-5RA Channel Plan

- Channels 11, 15, 16 are programmed for “narrow band” operations.
- Channels 17 - 26 are cross-band repeater channels. These channels are set-up in pairs to work with a cross-band repeater such as a Yaesu 8800 or 8900.
 - The channels are paired 17&18, 19&20, 21&22, 23,&24, 25&26.
 - The first channel in each pair is the transmit channel (17,19,21,23,25).
 - Each transmit channel has a tone associated with it to open the repeater. Having a tone on the repeater keeps down unwanted folks from using the repeater.
 - The second channel in each pair is the receive channel (18,20,22,24,26).
- Channels 27 - 85 are used for local or mission specific programming. Each programming file will be different. Refer to your specific file for more information.
- Channels 86 - 93 are programmed for generally accepted “prepper channel” usage.
 - 86 - GMRS Chanel 20 Travel Repeater. GMRS radios can utilize a repeater. This channel is set-up to hit the repeater while traveling. Theory is, preppers will monitor this GMRS repeater frequency/channel for other preppers who are trying to make contact.
 - 87 - PMR Prepper. This 70cm band frequency is set-up as a general prepper frequency.
 - 88 - Ham UHF Prepper. This 2m band frequency is set-up as a general prepper frequency for general conversation.
 - 89 - Ham UHF Calling. This 2m band frequency is set-up as a general prepper frequency to “call” out to other preppers but generally not for typical conversations..
 -
 - 90 - Ham 2 meter Survivalist
 - 91 - Ham 2 meter Prepper
 - 92 - Ham 2 meter Prepper Calling
 - 93 - Search & Rescue Emergency
- Channels 94 - 100 are programmed to received weather information on the standard NOAA frequencies. You will need to check each channel for information since a different channel is used by NOAA for different areas.
- Channels 101 - 105 are used for MURS (Multi-Use Radio System) frequencies. You will probably hear radio traffic from companies such as Walmart using these frequencies. I would strongly suggest not interfering with their radio traffic.
- Channels 106 - 112 are used for FRS (Family Radio System) & GMRS (General Mobile Radio Service) channels that overlap between the FRS & GMRS channels. FRS/GMRS Channels 1 - 7.
- Channels 113 - 119 are used for FRS channels 8 - 14.
- Channels 120 - 127 are used for GMRS channels 8 - 15. They may appear to be out of order but actually match the Motorola standard for their GMRS radios. And they are the defacto standard. Each channel sis clearly named for the display screen to eliminate confusion.