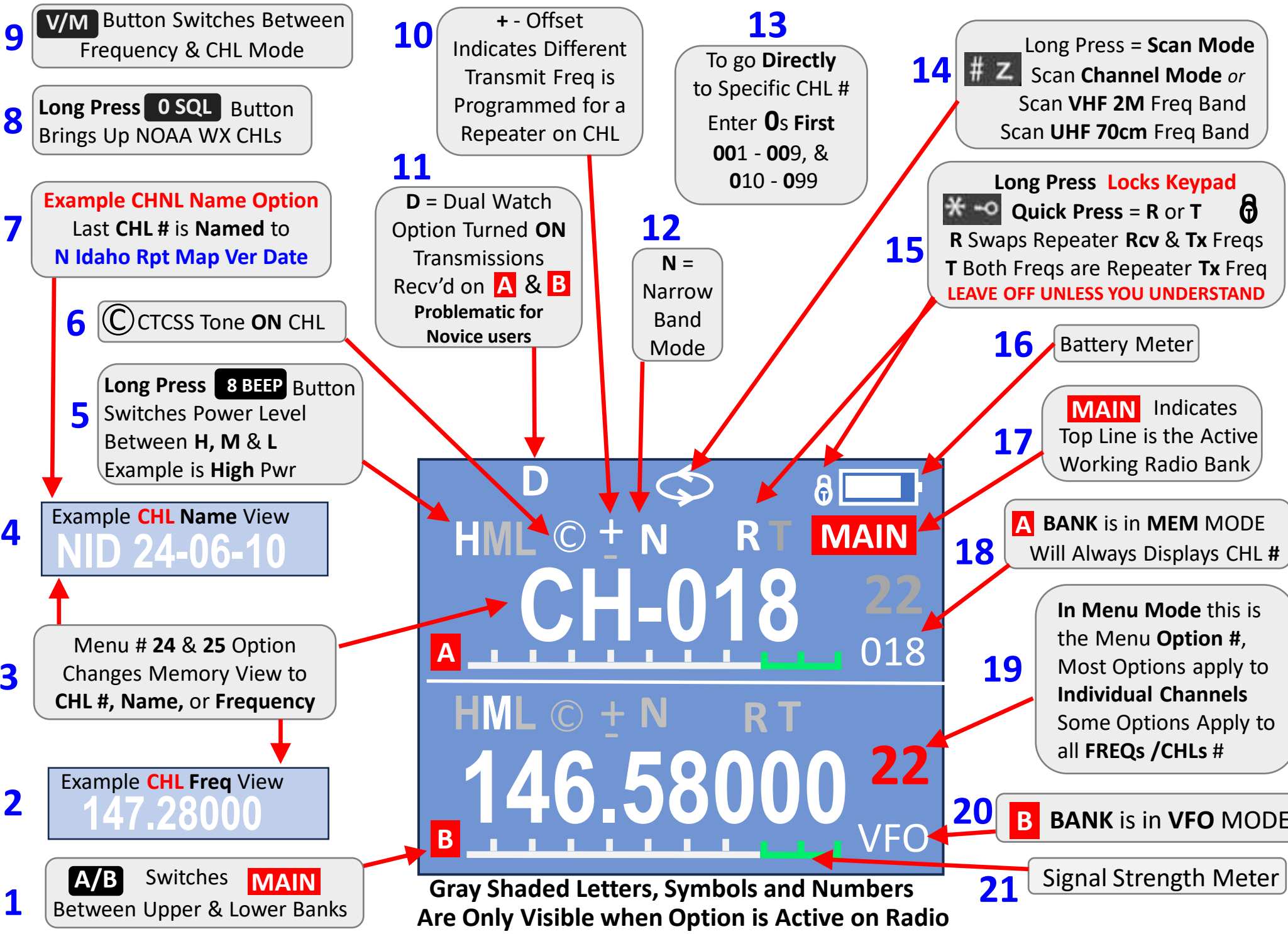


# Baofeng K5 Plus Display Menu [nid2m70cm@gmail.com](mailto:nid2m70cm@gmail.com) Ver1.0 2024-06-12



**Baofeng K5 PLUS Menu Items Programmed to North ID Repeater Product Ver 2.0, 2024-06-12**

Menu Number	Menu Abbv	Feature Explanation	Information on what each feature does and how it's programmed by North Idaho Repeater Product and other relevant information
0	SQL	Carrier Squelch Noise Reducer Feature	Change affects all CHNLs/Freqs. Programmed to level 3, lower number means higher possibility of hearing distant transmissions but also higher noise level. 0 = Off
1	STEP	Frequency Step	Change affects all CHNLs/Freqs. Might be necessary to change to enter a unique Freq or obtain a unique Freq not showing up during the (Freq) scanning mode option
2	TXP	CHNL Override TX Power	Power can be Changed to M / L to save battery life or limit range of transmission
3	SAVE	Battery Save Feature	Set 1:4 Optimizes battery life, limits hearing 1st words of transmission / standby mode
4	VOX	Voice Operated Transmit	Only used with headset mic, best left off unless you are transmitting all day long
5	W/N	Wideband / Narrowband	Wideband (25 kHz) or narrowband (12.5 kHz) bandwidth.
6	ABR	Backlight Timeout	5-20 Seconds in Menu, Always on available in CHIRP
7	TDR	Dual Watch / Dual Reception	Programmed Off. Used to continuously monitor 2 priority channels instead of using scan mode. Easy to get confused about what channel to respond to if this feature is turned on
8	BEEP PRMT	Keypad Beep	Programmed On, confirms key button press
9	TOT	Transmission Timer	Set to 120 secs, stops transmission & requires rekey of mike after 120 sec transmission
10	R-CTCSS	Recvr ContTone Coded SQL	Only used if required to block other repeaters. Wrong code will block desired repeater
11	R-DTS	Recvr ContTone Coded SQL	Leave alone unless knowledgeable
12	T-CTCSS	Trans ContTone Coded SQL	Programmed to ensure access to Repeaters on North ID Repeater Map
13	T-DCS	Trans Digital Coded SQL	Leave alone unless knowledgeable
14	Scan CTCSS	Scans CTCSS Tones on Freqs	Allows scanning CTCSS only in VFO mode NOT in CHNLmode set to OFF or ON
15	Scan DTS	Scans DTS on Freqs	Allows scanning CTCSS only in VFO mode NOT in CHNLmode set to OFF or ON
16	CDCSS Save	Saves CTCSS/DCS in VFO	Saves scanned CTCSS/DCS in VFO mode. ALL: Saves R & T Codes, TX: Save to T- only, RX: Save to R only
17	VOICE	Set to On	Audible voice confirmation of a key press
18	Language	English / Chinese	Set to English
19	DTMFST	DTMF Side Tones	Programmed OFF, Seldom required function
20	S-CODE	PTT-ID DTMF Code	Programmed OFF, transmits way too much metadata over the air to others
21	SC-REV	Scanning Resume Method TO, CO, SE	CO, resumes scan after ends, TO stops scans 10 Seconds, SE scan tops & stays on CHNL/Freq until restarted. To prevent stopping on Noise: Increase Squelch setting or use CHIRP (S) Skip option
22	PTT-ID	When to Send PTT-ID	Programmed OFF, otherwise transmits too much metadata over the air to others
23	PTT-LT	PTT-ID Delay	Programmed OFF, otherwise transmits too much metadata over the air to others
24	MDF-A	A MR/CHNL Mode Display	Changes View to Channel Numbers, Frequency or Name on Top line Radio Display
25	MDF-B	B MR/CHNL Mode Display	Changes View to Channel Numbers, Frequency or Name on Bottom line Radio Display
26	BCL	Busy Channel Lock-Out	Set to Off, allows transmit over others on Freq (listen Carefully before transmitting)
27	AUTOLK	Automatic Keypad Lock	Set to Off, keypad locks if not used for 8 secs, hold #LOCK button for 3 secs to unlock
28	SFT-D	Direction Freq Shift	Used to program new repeater without using CHIRP software
29	OFFSET	Frequency Shift	Used to program new repeater without using CHIRP software
30	MEM-CH	Memory Channel Programing	Adds new Freq to Radio's CHNL memory. CHNL Names can only be added in CHIRP
31	DELCH	Delete a Memory Channel	Can be used if you want to delete a programmed channel
32	AL-MOD	Alarm for Orange Button	Programmed to Site Otherwise will transmit siren over Freq or Repeater Channel
33	STE	SQL Tail Eliminate Transmit	Programmed to Off
34	RP-STE	SQL Tail Eliminate Repeater	Programmed to Off
35	RPT-RL	Delay Tail Tone Repeater	Programmed to Off
36	ROGER	Transmitted Roger Beep	Programmed Off, as this feature irritates other users
37	STONE	Sends Out Tone Burst	Programmed to Off Sends out a tone-burst
38	MENU EXIT	Menu Exit Time	Set to 60 Secs
39	VOX DELAY	Delay in Seconds	Delay between when finish talking and when radio returns to Tx mode
40	PWR ON MSG	Logo or Battery Voltage	Set to Battery Voltage, Logo Option not yet available with CHIRP
41	VOICEPRI	Frequency Hopping	Doesn't Work in USA Version of Radio
42	RESET	VFO or ALL Restore to Default Settings	<b>CAUTION</b> If You SELECT ALL, it will WIPE ALL programmed data on radio and reset voice prompt to Chinese. Instead select EXT Button on Keypad to exit menu mode
43	POWER PWD	OFF or ON	Set to OFF, Activates radio power-on password to turn on radio
44	STOP WATCH	ON	
45	SCRAMBLE	Scrambles Signal Modes	Doesn't Work in USA Version of Radio
46	VERSION		Firmware and Hardware Versions of Radio

To Print: Set Top/Bottom Margin 0.25" Left/Right Margin 0.03"

**Additional Items for Understanding Features of Baofeng K5 Plus**

MENU OPTIONS	Items # in K5 Plus Menu are <b>Global</b> (affects all Channels programmed in radio) or <b>Specific</b> to the individual Channel that is active when menu option is selected
FREQ / MEM MODE V/M	V = (VFO) Variable Freq Oscillator Mode, M = (MR) Memory Recall or Channel Mode
ACTIVE BANK A/B	A/B = Switches Active Channel between (A) Top & (B) Bottom Display Banks on Radio
To Go direct to Programmed Channel	Enter 1 or 2 zeros before channel numbers less than 100. Example: Select 008 for CHNL 8, and 088 for CHNL 88 or use the scroll buttons to find a specific channel
Temporarily Hear Weak transmission	Push & <b>Hold MON</b> button (below the PTT button) as long as you want to hear weak Transmitter. This temp turns SQL Off. <b>Note: Quick Tap turns on Radio Flashlight</b>
K5 Plus Has (2) Banks or Lines that Displays 1 CHNL & 1 VFO Freq 2 CHNLs & 2 VFO Freqs	Baofeng Radios are capable of monitoring two different channels or Frequencies at the same time if Menu item 7 (TDR) is turned on. This creates many problems because its difficult to determine what line Top or Bottom a received call came in on, thus causing user to frequent transmit on wrong Channel or Frequency
# Z To Scan All Memory Channels or Frequencies	Select either Freq or CHNL mode then use long press on <b># Z</b> Button until you hear the <b>SCANNING BEGIN</b> Prompt. You must select either VHF or UHF Band in the VFO mode to Scan in entire Freq Bands). To stop Scan select scan button again. To restart if scan stuck on noise, reselect Scan button. If Scan stops too long on noisy CHNL or Freq increase Squelch level (Menu # 0) until problem is resolved.
To Change Features In Menu Items (0-46) Squelch # is 0 & Default Option When Radio First Turned On	Select <b>MENU</b> Button on keypad, enter menu # (0 for SQL) from keypad or use scroll buttons to select other options. To change menu Item: Select Menu Button again, then use scroll buttons to select new option from flashing list. Select Menu Button a third time to input change into radio memory. You should hear a <b>CONFIRM</b> Prompt identifying desired change has been made. then select Exit button.
Baofeng K5 PLUS CAPABILITIES BEYOND HAM RADIO FREQUENCIES	K5 Plus (8 Watt) Baofengs are (Freq Modulated <b>FM</b> ) radios that operate on 3 separate Ham Bands, <b>2 Meter (VHF)</b> (144-148MHz) <b>1.25 Meter (VHF)</b> (220-225MHz) & <b>70cm (UHF)</b> (420-450 MHz) Bands. Most Baofengs come from factory with capabilities well outside these Freqs limits, hence they can operate on many other FM Bands like GMRS/FRS (half to 2 watt) Walmart type radios, Marine Band, MURS, as well as other Commercial, Public Service and Gov FM Band radios. The North Idaho Repeater Map product includes many additional Freqs outside of Ham Bands that would be valuable during Emerg or Grid Down situations. Some of these Frequencies have been programmed to transmit as well as receive, others like local Public Service Repeaters are only configured for receiving the Repeater Freqs because transmitting on them could get unauthorized user in trouble.
Baofeng K5 Plus RANGE LIMITATIONS	K5 Plus are only capable of Line-of-Sight communications unless using a repeater. This limits ( <b>handheld radio -to- handheld radio</b> ) communication to maximum of 7 miles (due to curvature of earth) when using best attached antenna & about 15 miles if both parties are using a 14 Ft roll up J-Pole antenna hung on a tree or side of house. Generally distances will be much less than those described above due to environmental reasons. Ranges can exceed 50 miles if using a Repeater depending on elevation of repeater and type of antenna on your K5Plus and other radio. It is possible to talk from Canadian Border to Spokane Airport when two Baofeng radios are connected to two separate but (connected) Repeater Groups depicted on the NID Repeater Map. Antenna height & quality is critical to range of Baofengs
North Idaho Repeater Map and Spreadsheet of Frequency Data	Repeaters on the NID Repeater Map have been validated & Freq, Offset, Tone data depicted in spreadsheet format to ensure data integrity. Repeaters have been assigned an arbitrary CHNL number not used by other protocols or organizations and are linked to a visual depiction of their approx. location on a colored map on reverse the side of spreadsheet product. Repeaters on map are Yellow Diamonds unless they are part of a Repeater Group, then they are (colored coded Red or Gold). Black Diamonds depict GMRS Repeaters for use in an emergency situation. A cell phone Google Earth App Map product is available by request at nid2m70cm@gmail.com