

Baofeng UV5R

Menu Definitions

For more detailed information

0	SQL	<u>Squelch Level</u> - Squelch silences the receiver when there is no signal. - UHF Sensitivity can be varied from .1 to .3 mV - VHF Sensitivity is constant. 1 > 9 = .1 mV - Level 0 = Open Squelch - There is little difference between settings. Level 5 is recommended.	0 > 9
1	STEP	<u>Frequency Step</u> - Amount of frequency change when using Up/Down arrows or kHz when scanning in VFO Mode.	2.5 / 5 / 6.25 / 10 / 12.5 / 25
2	TXP	<u>Transmit Power</u> - High = 4 watts Low = 1 watt - Use Low power unless necessary. - Power can be toggled Hi/Lo by pressing the [# *] key, however, Dual Standby (Menu 7) must be OFF.	High / Low
3	SAVE	<u>Battery Save</u> - Sleep Ratio to acknowledge an RX signal. - The higher number increases the RX sleep cycle, but you may miss the first few syllables before the RX opens. 1=1:1 2=1:2 3=1:3 4=1:4	OFF / 1 / 2 / 3 / 4
4	VOX	<u>Voice Operated Xmtr</u> - Allows transmitter activation by talking only. - Adjust VOX gain to allow smooth operation. - Level 10 requires the strongest voice.	OFF / 1, 2 > 10
5	WN	<u>Wideband / Narrowband</u> - Wide = 5 KHz Narrow = 2.5 KHz - For Ham use, start with selecting Wide.	WIDE / NARR
6	ABR	<u>Display Illumination Time</u> - Time the display stays illuminated.	OFF / 1 / 2 / 3 / 4 / 5 secs
7	TDR	<u>Dual Watch / Dual Reception</u> - Allows monitoring of 2 channels, toggling between Freq A and Freq B. - If a signal is received, the RX remains on that channel until the signal is gone.	OFF / ON
8	BEEP	<u>Keypad Beep</u> - Allows audible confirmation of a key press.	OFF / ON
9	TOT	<u>Transmission Time Out Timer</u>	15 / 30 / 45 / 60 > 600 secs

	<ul style="list-style-type: none"> - Transmit Times Out after pre-selected time. - Radio will alert you when the time is up. - This helps prevent overheating. 	
10 R-DCS	<u>Rec - Digital Coded Squelch</u> <ul style="list-style-type: none"> - Prevents interference from signals on the same frequency. - The squelch will open only if the incoming signal is coded with the same tone required by your receiver. - Note: Not all repeaters requiring a tone for access transmit a tone back to you. Leave this function turned OFF unless you are absolutely sure it is needed. 	OFF / D023N > D754I
11 R-CTCS	<u>Rec - Continuous Tone Coded Squelch</u> <ul style="list-style-type: none"> - Prevents interference from signals on the same frequency. - The squelch will open only if the incoming signal is coded with the same tone required by your receiver. - Note: Not all repeaters requiring a tone for access transmit a tone back to you. Leave this function turned OFF unless you are absolutely sure it is needed. 	67.0 Hz > 254.1 Hz
12 T-DCS	<u>Trans - Digital Coded Squelch</u> <ul style="list-style-type: none"> - Required by some networks to limit access and interference. 	OFF / D023N > D754I
13 T-CTCS	<u>Trans - Continuous Tone Coded Squelch</u> <ul style="list-style-type: none"> - Required by some networks to limit access and interference. 	67.0 Hz > 254.1 Hz
14 VOICE	<u>Voice Prompt</u> <ul style="list-style-type: none"> - Audible confirmation of a keypad entry. 	OFF / ON or OFF / ENG / CHI
15 ANI-ID	<u>Automatic Number ID of Radio (set with S/W)</u> <ul style="list-style-type: none"> - Sent when PTT is pressed and/or released. - Used to alert dispatcher which field radio was keyed. - Used primarily for commercial applications. 	
16 DTMFST	<u>DTMF Tone of transmit</u> <ul style="list-style-type: none"> - Determines when DTMF codes are heard through speaker. <p> OFF No tones heard DT-ST Only manually keyed DTMF codes are heard ANI-ST Only automatically keyed DTMF codes are heard DT+ANI * All DTMF codes are heard </p>	OFF / DT-ST / ANI-ST / DT+ANI
17 S-CODE	<u>Signal Code</u> <ul style="list-style-type: none"> - PTT-ID DTMF Code Selection (set with S/W) - Selects one of 15 DTMF codes. - Set with software and are up to 5 digits each. - Enabled by using Menu 19. 	1 > 15 groups
18 SC-REV	<u>Scan Resume Method</u> <p> TO (Time Operation) Scan stops when signal detected. Scan resumes after after predetermined time. CO (Carrier Operation) Scan stops when signal detected. Scan resumes when signal disappears. SE (Search Operation) Scan stops when signal detected. Scanning will not resume. </p>	TO / CO / SE
19 PTT-ID	<u>When to send the PTT ID signal code</u> <p> OFF - No ID is sent. BOT - An ID is sent at Beginning of Transmission END - An ID is sent at the End of Transmission. BOTH - An ID is sent at BOT and EOT </p>	OFF / BOT / EOT / BOTH

	<ul style="list-style-type: none"> - This tells a dispatcher which field radio was keyed. - <u>Not Applicable for Ham use.</u> Set to OFF. 	
20 PTT-LT	<u>Signal Code sending delay</u> <ul style="list-style-type: none"> - <u>Not Applicable for Ham use.</u> Set to 0 (zero) 	0 > 30 ms
21 MDF-A	<u>Channel Mode A Display</u> (upper display) FREQ - Displays programmed Frequency CHAN - Displays Channel Number NAME - Displays Channel Name programmed via software. <ul style="list-style-type: none"> - If no name is programmed, CHAN will display. 	FREQ / CHAN / NAME
22 MDF-B	<u>Channel Mode B Display</u> (lower display) FREQ - Displays programmed Frequency CHAN - Displays Channel Number NAME - Displays Channel Name programmed via software. <ul style="list-style-type: none"> - If no name is programmed, CHAN will display. 	FREQ / CHAN / NAME
23 BCL	<u>Busy Channel Lockout</u> <ul style="list-style-type: none"> - Prevents transmitting on a busy frequency. - If another repeater or signal is present using a different CTCSS or DCS code, your transmitter will be 'locked out' to prevent interference. When PTT is keyed, radio will sound a Beep Tone. 	OFF / ON
24 AUTOLK	<u>Automatic Keypad Lock</u> <ul style="list-style-type: none"> - When ON, keypad will be locked if not used in 8 seconds. - Pressing the [# *] key for 2 seconds will Lock/Unlock the keys on the keypad. 	OFF / ON
25 SFT-D	<u>Frequency shift direction</u> <ul style="list-style-type: none"> - Enables access of repeaters in VFO/FREQ mode. OFF TX = RX (simplex) + (plus) TX shifted Higher in freq than RX - (minus) TX shifted Lower in freq than RX	OFF / + / -
26 OFFSET	<u>Frequency shift amount</u> <ul style="list-style-type: none"> - Specifies frequency difference between TX and RX. - Used with Menu 25 for repeater access in VFO/FREQ mode. - Offset is not required when storing repeater frequencies into channels. 	00.000 > 69.990 MHz in 10 kHz steps
27 MEM-CH	<u>Store a memory channel</u> <ul style="list-style-type: none"> - Stores channel information in memory slot 0 > 127 - For a detailed examples of the programming process, please visit: Programming Memories 	000 > 127
28 DEL-CH	<u>Delete a memory channel</u> <ul style="list-style-type: none"> - Deletes information stored in memory slot 0 > 127 	000 > 127
29 WT-LED	<u>Illumination / Display Color - Standby</u> <ul style="list-style-type: none"> - Screen illumination color in Standby Mode 	OFF / BLUE / ORANGE / PURPLE
30 RX-LED	<u>Illumination / Display Color - Receive</u> <ul style="list-style-type: none"> - Screen illumination color in Receive Mode 	OFF / BLUE / ORANGE / PURPLE
31 TX-LED	<u>Illumination / Display Color - Transmit</u>	OFF / BLUE / ORANGE / PURPLE

- Screen illumination color in Transmit Mode		
32 AL-MOD	<u>Alarm Mode</u> SITE - Sounds alarm through your radio speaker only. TONE - Transmits a cycling tone over the air. CODE - Transmits '119' followed by ANI code over the air.	SITE / TONE / CODE
33 BAND	<u>Band Selection</u> - In VFO/FREQ mode, sets VFO A or B to VHF or UHF band. - This is similar to the [BAND] button.	VHF / UHF
34 TDR-AB	<u>Transmit selection while in Dual Watch / Dual Reception</u> - While in Dual Watch mode, this forces the selection of which transmit frequency is selected.	OFF / A / B
35 STE	<u>Squelch Tail Elimination</u> - Eliminates the squelch tail at the end of a transmission. - Only works when other radios turn on their Tail function. * For Ham use, set to OFF.	OFF / ON
36 RP-STE	<u>Repeater Squelch Tail Elimination</u> - Requires a repeater using this function. * For Ham use, set to OFF.	OFF / 1, 2, 3 > 10
37 RPT-RL	<u>Delay the squelch tail of repeater</u> * For Ham use, set to OFF.	OFF / 1, 2, 3 > 10
38 PONMSG	<u>Boot / Power On Display</u> FULL - Displays the entire LCD screen. MGS - Displays a 2 line Power On message.	FULL / MGS
39 ROGER	<u>Tone at end of transmission</u> - Sends a Tone at the end of each transmission. * For Ham use, set to OFF.	OFF / ON
40 RESET	<u>Restore to default settings</u> - VFO - Resets all menus to factory default. Resets VFO [A] and [B] frequencies to factory default. - ALL - Same as above. Erases all channels. Resets chan 0 to 136.025 MHz / chan 127 to 470.625 MHz	VFO / ALL

**My thanks to the many contributors to this site.
John K3NXU**

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