UV5R series

UV5R, GT3, BFF8, F8HP, etc

Menu Definitions

For more detailed information

0 SQL Squelch Level 0 > 9
- 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.

1 STEP Frequency Step 2.5 / 5 / 6.25 / 10 / 12.5 / 25 kHz
- Amount of frequency change when using Up/Down arrows or when scanning in VFO Mode.

2.5 / 5 / 6.25 / 10 / 12.5 / 20 / 25 / 50 kHz

2 TXP Transmit Power UV5R - High / Low
                            F8HP - High / Mid / Low
- Std UV5R - High = 4 watts   Low = 1 watt
- F8HP only - High = 8 watts Mid - 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.

3 SAVE Battery Save OFF / 1 / 2 / 3 / 4
- 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

4 VOX Voice Operated Xmtr OFF / 1, 2 > 10
- Allows transmitter activation by talking only.
- Adjust VOX gain to allow smooth operation.
- Level 10 requires the strongest voice.

5 WN Wideband / Narrowband WIDE / NARR
- Wide = 5 KHz   Narrow = 2.5 KHz
- For Ham use, start with selecting Wide.

6 ABR Display Illumination Time OFF / 1 > 5 secs
- Time the display stays illuminated. OFF / 1 >10 secs
                                        Depending on model
                                        1 > 24 secs with CHIRP

7 TDR Dual Watch / Dual Reception OFF / ON
- 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.

8 BEEP Keypad Beep OFF / ON
- Allows audible confirmation of a key press.

9	TOT	Transmission Time Out Timer - Transmit Times Out after pre-selected time. - Radio will alert you when the time is up. - This helps prevent overheating.	15 / 30 / 45 / 60 > 600 seconds
10	R-DCS	Rec - Digital Coded Squelch - 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	Rec - Continuous Tone Coded Squelch - 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 / 67.0 > 254.1 Hz
12	T-DCS	Trans - Digital Coded Squelch - Required by some networks to limit access and interference.	OFF / D023N > D754I
13	T-CTCS	Trans - Continuous Tone Coded Squelch - Required by some networks to limit access and interference.	OFF / 67.0 Hz > 254.1 Hz
14	VOICE	Voice Prompt - Audible confirmation of a keypad entry.	OFF / ON or OFF / ENG / CHI
15	ANI-ID	Automatic Number ID of Radio (set with S/W) - Sent when PTT is pressed and/or released. - Used to alert dispatcher which field radio was keyed. - Used primarily for commercial applications.	

16	DTMFST	DTMF Tone of transmit
		- Determines when DTMF codes are heard through speaker.
		  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
			OFF / DT-ST /
			ANI-ST / DT+ANI

17	S-CODE	Signal Code - 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	Scan Resume Method
		  TO (Time Operation) Scan stops when signal detected.
		    Scan resumes after a 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.
			TO / CO / SE

19	PTT-ID	When to send the PTT ID signal code
		  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
			OFF /
			BOT / EOT / BOTH
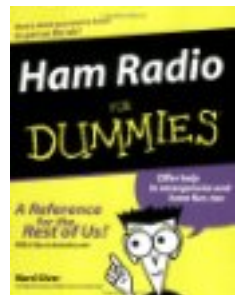
- This tells a dispatcher which field radio was keyed.
- Not Applicable for Ham use.   Set to OFF.

20	PTT-LT	<u>Signal Code sending delay</u> - Not Applicable for Ham use. Set to 0 (zero)	0 > 30 ms or 0 > 50 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.
		
		- 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.
		
		- If no name is programmed, CHAN will display.
			FREQ / CHAN / NAME

23	BCL	<u>Busy Channel Lockout</u> - 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> - 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> - 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> - 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> - 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> - Deletes information stored in memory slot 0 > 127	000 > 127

29	WT-LED	<u>Illumination / Display Color - Standby</u> - Screen illumination color in Standby Mode	OFF / BLUE / ORANGE / PURPLE

30	RX-LED	<u>Illumination / Display Color - Receive</u> - Screen illumination color in Receive Mode	OFF / BLUE / ORANGE / PURPLE

31	TX-LED	Illumination / Display Color - Transmit - Screen illumination color in Transmit Mode	OFF / BLUE / ORANGE / PURPLE

32	AL-MOD	Alarm Mode
		   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	Band Selection - In VFO/FREQ mode, sets VFO A or B to VHF or UHF band. - This is similar to the [BAND] button. Newer releases of radio eliminate the need for a Band Button.	VHF / UHF
34	TDR-AB	Transmit selection while in Dual Watch / Dual Reception - While in Dual Watch mode, this forces the selection of which transmit frequency is selected.	OFF / A / B
35	STE	Squelch Tail Elimination - 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	Repeater Squelch Tail Elimination - Requires a repeater using this function. * For Ham use, set to OFF.	OFF / 1, 2, 3 > 10
37	RPT-RL	Delay the squelch tail of repeater * For Ham use, set to OFF.	OFF / 1, 2, 3 > 10

38	PONMSG	Boot / Power On Display
		   FULL - Displays the entire LCD screen.
		   MGS - Displays a 2 line Power On message.
			FULL / MGS

39	ROGER	Tone at end of transmission - Sends a Tone at the end of each transmission. * For Ham use, set to OFF.	OFF / ON

40	RESET	Restore to default settings
		- 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

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