Menu Number			MR/ Channel	VFO/ Frequency	Separate VFO A & B	Stored on a Per Channel
/ Short Name	Long Name / Description / Settings / Notes	Global	Mode	Mode	Settings	Basis
0 SQL	Carrier SQ ueLch Mutes the speaker of the transceiver in the absence of a strong signal. Squelch is either OFF or one of 9 levels. The higher the level, the stronger the signal must be to un-mute the speaker.	√				
	Settings: 0 - 9 Default: 5					
	Note: The CALL button (FM or ALARM) is not functional when menu 0 = 0)				
1 STEP	Frequency STEP (Khz) Selects the amount of frequency change in VFO/Frequency mode when scanning or pressing the $[\blacktriangle]$ or $[\blacktriangledown]$ keys.	_		\checkmark	\checkmark	
	Settings: 2.5K[0] 5.0K[1] 6.25K[2] 10.0K[3] 12.5K[4] 20.0K[5] 25.0K[6] 50.0K[7] Default: 5.0K					
	Transmit (TX) Power					
	Selects between HIGH and LOW transmitter power when in VFO/Frequency mode. Use the minimum transmitter power necessary to carry out the desired communications.					
2	Settings: HIGH[0] LOW[1] Default: LOW HIGH: ≈ 5 watts					
TXP	LOW: ≈ 1 watt		\checkmark	\checkmark	\checkmark	\checkmark
	Note: When TXP is set to LOW, an 'L' is indicated in the status display Note: 1-30 GMRS channel model: Channels 8-14 are LOW power only					
	Note: The power level can be toggled in MR/Channel mode by tapping the [# $_{\rm I}\!$	•				
	Battery SAVE					
3	Selects the ratio of sleep cycles to awake cycles (1:1, 2:1, 3:1, 4:1). The higher the number the longer the battery lasts. When enabled, a word or two might be missed wher the frequency being monitored becomes active.					
SAVE	Settings: OFF[0] 1 2 3 4 Default: 3	$\overline{}$				
	When SAVE is not set to OFF and 'ABR' is ≥ 9, pulsing may be hea Note: when the radio returns to FM broadcast reception after being interrupted	rd				
	Voice Operated Transmission (TX)					
4 VOX	When enabled it is not necessary to push the [PTT] button on the transceiver. Adjust the gain level to an appropriate sensitivity to allow smooth transmission.	_ √				
VUA	Settings: OFF[0] 1 2 3 4 5 6 7 8 9 10 Default: OFF Note: When VOX is not set to OFF, 'VOX' is indicated in the status display Vox' is indicated in the st	/				
	Wideband / Narrowband					
	Wideband (25 kHz bandwidth) or narrowband (12.5 kHz bandwidth).					
_	Settings: WIDE[0] NARR[1] Default: NARR					
5 WN	Emission: 16K0F3E / 11K0F3E (W/N)		\checkmark	\checkmark	\checkmark	\checkmark
VVIN	Deviation: ≤ ±5 kHz / ≤ ±2.5 kHz (W/N) Note: When WN is set to NARR, an 'N' is indicated in the status display					
	Note: 0 - 22 GMRS channel model: Channels 0 - 6 are NARR only					
	Note: 1 - 30 GMRS channel model: Channels 8 - 14 are NARR only					
	Automatic Back Light Shutoff TimeR (seconds)					
	Length of time the display is illuminated					
6	Settings: OFF[0] 1 2 3 4 5 6 7 8 9 10 Default: 5 Note: The ABR setting also sets the delay before the radio returns to FM broadcast reception after being interrupted					
ABR	When 'ABR' is ≥ 9 and SAVE is not set to OFF, pulsing may be hea Note: when the radio returns to FM broadcast reception after being interrupted					
	Note: ABR can be set to 24 using CHIRP					
	Dual Watch/Transceiver Dual Reception Monitor [A] and [B] at the same time by scanning between them. The display with the mo	st				
7	recent activity ([A] or [B]) becomes the selected display. Settings: OFF[0] ON[1] Default: OFF					
TDR	Note: When TDR is set to ON, an 'S' is indicated in the status display Note: The selected display can be forced back to [A] or [B] using menu 34					
	Note: TDR is inhibited while scanning is in operation					

Menu Number / Short Name	Long Name / Description / Settings / Notes	Clobal	MR/ Channel	VFO/ Frequency	Separate VFO A & B	Stored on a Per Channel
	Long Name / Description / Settings / Notes	Global	Mode	Mode	Settings	Basis
ð	Keypad BEEP Allows audible confirmation of a key press					
BEEP	Settings: OFF[0] ON[1] Default: ON	_ ✓				
	Transmission Time-Out Timer (seconds) This feature provides a safety switch which limits transmission time to a programmed	_				
	value. This will promote battery conservation by not allowing you to make excessively-lon transmissions, and in the event of a stuck PTT switch (perhaps if the radio or a Speaker/Mic is wedged between car seats) it can prevent interference to other users as well as battery depletion.	g √				
тот	Settings: 15[0] - 600[39] in 15 second steps (see TOT Table) Default: 60					
l	Note: (TIMEOUT-15)/15=[n]					
	Note: The red TX LED begins to flash 10 seconds before the timeout limit is reached					
	Receive - Digital Coded Squelch (DCS)					
	Mutes the speaker of the transceiver in the absence of a specific low level digital signal. I the station you are listening to does not transmit this specific signal, you will not hear anything.	-				
R-DCS	Settings: OFF[0] see DCS Table Default: OFF		\checkmark	\checkmark	\checkmark	\checkmark
	Note: When R-DCS is not set to OFF, 'DCS' is indicated to the left of the upper channel display					
	Note: Setting R-DCS sets menu 11 to OFF					
	Note: Recommended setting is OFF					<u> </u>
	Receive - Continuous Tone Coded Squelch System (CTCSS) Mutes the speaker of the transceiver in the absence of a specific and continuous sub- audible signal. If the station you are listening to does not transmit this specific and continuous signal, you will not hear anything.					
R-CTCS	Settings: OFF[0] see CTCSS Table Default: OFF		\checkmark	\checkmark	\checkmark	\checkmark
	Note: When R-CTCS is not set to OFF, 'CT' is indicated to the left of the upper channel display					
	Note: Setting R-CTCS sets menu 10 to OFF					
	Note: Recommended setting is OFF					
	Transmit - Digital Coded Squelch (DCS)	_				
12	Transmits a specific low level digital signal to unlock the squelch of a distant receiver (usually a repeater).	_			,	
T-DCS	Settings: OFF[0] see DCS Table Default: OFF	_	\checkmark	\checkmark	\checkmark	\checkmark
	Note: Setting T-DCS sets menu 13 to OFF When T-DCS is not set to OFF, 'DCS' is indicated to the left of the					
	Note: upper channel display (requires TX or 'reverse' mode)					
	Transmit - Continuous Tone Coded Squelch System (CTCSS)					
	Transmits a specific and continuous sub-audible signal to unlock the squelch of a distant receiver (usually a repeater).	1				
13 T 0700	Settings: OFF[0] see CTCSS Table Default: OFF	1	\checkmark	\checkmark	\checkmark	1
T-CTCS	Note: Setting T-CTCS sets menu 12 to OFF				-	-
	Note: When T-CTCS is not set to OFF, 'CT' is indicated to the left of the upper channel display (requires TX or 'reverse' mode)					
	VOICE Prompt					
14	Allows audible voice confirmation of a key press					
14 VOICE	Settings: OFF[0] ENG[1] CHI[2] Default: ENG	\checkmark				
VUICE	Note: Not all voice prompts are easily understandable. Not all key presses have a voice prompt.					
15	Automatic Number Identification – ID					

Menu Number / Short Name	Long Name / Description / Settings / Notes	Global	MR/ Channel Mode	VFO/ Frequency Mode	Separate VFO A & B Settings	Stored on a Per Channel Basis
7 Onort Nume		Ciobai	Mode	wiode	octarigo	Dasis
	DTMF Side Tones					
	Determines when DTMF Side Tones can be heard from the transceiver speaker. Settings: OFF[0] DT-ST[1] ANI-ST[2] DT+ANI[3] Default: DT+ANI					
	Settings: OFF[0] DT-ST[1] ANI-ST[2] DT+ANI[3] Default: DT+ANI OFF: No DTMF Side Tones are heard					
	DT-ST: Side Tones are heard only from manually keyed DTMF codes					
16	ANI-ST: Side Tones are heard only from automatically keyed DTMF codes	\checkmark				
DTMFST	DT+ANI: All DTMF Side Tones are heard	v				
	Note: Requires the transceiver to be in transmit mode.					
	Note: The mic can pick up the sidetone and if the volume loud enough, it					
	will overdrive and/or distort the transmitted DTMF tones.					
	Note: [MENU]=A, [▲]=B, [▼]=C, [EXIT/AB]=D					
	PTT-ID (S ignal-CODE) Selection					
17	Selects 1 of 15 signal codes. The signal codes are programmed with software and are up to 5 DTMF signals each.		,	,	/	,
S-CODE	Settings: 1[0] 2[1] 3[2] 4[3] 5[4] 6[5] 7[6] 8[9] 9[8] 10[9] 11[10] 12[11] 13[12] 14[13] 15[14] Default: 1		\checkmark	\checkmark	\checkmark	\checkmark
	Note: Menu 19 must be enabled for an S-CODE to be transmitted.					
	SCan-REVive/Resume Method					
	Settings: TO[0] CO[1] SE[2] Default: TO					
18	TO: Time Operation - scanning will resume after a fixed time has passed	,				
SC-REV	CO: Carrier Operation - scanning will resume after the active signal	\checkmark				
	disappears					
	SE: Search Operation - scanning will not resume					
	When to Send PTT-ID					
	Settings: OFF[0] BOT[1] EOT[2] BOTH[3] Default: OFF					
	OFF: No ID is sent					
19	BOT: The selected S-CODE is sent at the Beginning of Transmission		1	./		\checkmark
PTT-ID	EOT: The selected S-CODE is sent at the End of Transmission		v	v		
	BOTH: The selected S-CODE is sent at the BOT and the EOT					
	Note: Select S-CODE using menu 17					
	Note: Recommended setting is OFF					
	PTT-ID (Lagged) Transmission (milliseconds)					
20	Length of time after [PTT] is pressed until PTT-ID is transmitted	\checkmark				
PTT-LT	Settings: 0 - 50 Default: 5	v				
	Note: Requires menu 19 to be enabled					
	Memory Display Format – [A]					
	Settings: CH[0] NAME[1] FREQ[2] Default: FREQ					
21	CH: Displays the channel number					
MDF-A	Displays the channel name. Names must be entered using software. NAME: A channel without an assigned name with have the channel number		\checkmark			
	displayed FREQ: Displays programmed Frequency					
			I			
	Memory Display Format - [B]					
	Settings: CH[0] NAME[1] FREQ[2] Default: FREQ CH: Displays the channel number					
22 MDF-B	Displays the channel name. Names must be entered using software. NAME: A channel without an assigned name with have the channel number		\checkmark			
	displayed					
	FREQ: Displays programmed Frequency					
	Busy Channel Lock-Out					
	Disables the [PTT] button on a channel that is already in use. The transceiver will sound a beep tone and will not transmit if the [PTT] button is pressed when a channel is already in use.		\checkmark	\checkmark		\checkmark
	Settings: OFF[0] ON[1] Default: OFF					

Methodization Million									
24 SYNC Display Line St WC onize in MiCharan Mole, automatically keeps the [A] and [B] display lines synchronized to be setting: OFF[D] [0] [1] Default: OFF Used with menu 21 and menu 22 to allow vewing a channel by Note: Name+Frequency. Channel ##requency on Name+Channel # at the same time. 25 SFT-0 Setting: OFF[D] [0] [1] Default: OFF OFF. TX = RX (impliex) Implication of the same time. 25 SFT-0 Setting: OFF[D] [1] [1] [1] [2] Default: OFF OFF. TX = RX (impliex) Implication of the same time. 25 SFT-0 Setting: OFF[D] [1] [1] [2] Default: OFF Implication of the same time. 26 OFFSET TX = RX (impliex) Implication of the same time. Implication of the same time. 26 OFFSET OFFSETE in on supported by GMRS-V1 Default: 000.000 Implication of the same time. 26 OFFSET OFFSETE in the same time. OffSETE in the same time. Implication of the same time. 27 MEMod MEMor, - CHannel Programming This menu is used to either create new or modify existing channels (0 through 127) so that they can be accessed from MRChannel Mode. Implication of the same time. 27 MEMod MEMor, - CHannel Programming The same time. Implication of the same time. Implication of the same time. 28 DELCH MEMor, - CHannel Programming This menu is used to comMRChannel Mode. <			Long Name / Description / Sottings / Notes		Global	Channel	Frequency	VFO A & B	Stored on a Per Channel
24 SYNC In MBIChannel Mode, automatically keeps the [A] and [B] display lines synchronized to the same channel momber. Image: Comparison of the synchronized to seatures of the synchronized to the same channel momber. Image: Comparison of the synchronized to seatures of the synchronized to the synchronized to					Giobai	Widde	widde	Settings	Dasis
SYNC Setting: OFFP01_ONT1 Default: OFF SYNC Image: Frequency: Channel # If requency: Channel # If requencies of the target channel if requency: Channel # If requencies of the target channel # If requency: Channel # If requencies of the target channel # If requencies of t		In MR/Channel Mode	e, automatically keeps the [A] and [B] display line	es synchronized to					
STRC Used with menu 21 and menu 22 to allow viewing a channel by the same time. Note: Name+Frequency. Channel ## the same time. Image: Stating and State St	24					,			
Note: Name-Frequency, Channel #+Frequency or Name+Channel # at the serve time. 25 Frequency.Shift - Direction Default: OFF 26 Settings: OFF:01:111:12 Default: OFF 27: SFT-D OFF:01:111:12 Default: OFF 28: OFF:01:11:11:12 Default: OFF OFF:01:111:11:12 29: OFF:01:11:11:11:11:11:11:11:11:11:11:11:11:	SYNC					V			
25 SFT-D Settings: OFF[0] + [1], [2] Default: OFF 25 SFT-D OFF: TX = RX (simplex) 0 0 √ 0.1 -1 X will be shifted lower in frequency than RX 0 √ 0.1 -1 X will be shifted lower in frequency than RX 0 √ 0.1 -1 X will be shifted lower in frequency than RX 0 √ 0.1 When SFT-D is indicated in the status display 0 √ ✓ 28 OFFSET Settings: 000.000 - 999.990 in 1 kHz steps Default: 000.000 0 0 ✓ ✓ 0.1 Settings: 000.000 - 999.990 in 1 kHz steps Default: 000.000 0 0 ✓ ✓ 0.1 Settings: 000.127 Default: 000.000 0 0 ✓ ✓ 1 Settings: 000.127 Default: 000.000 0 0 ✓ ✓ 2 Empty Target Channel: The RX and X Requencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex Annel. ✓ ✓ MEM-CH Menu 2 - TXP Transmit/Encode		Note:	Name+Frequency, Channel #+Frequency or Na						
25 SFT-D Settings: OFF[0] +111 -[2] Default: OFF 26 SFT-D ····································									
25 SFT-D OFF:ITX = RX (simplex) + TX will be shifted lower in frequency than RX - TX will be shifted lower in frequency than RX - TX will be shifted lower in frequency than RX Web SFT-D is set to -, at 'is indicated in the status display (VFO/Frequency mode only) Web SFT-D is set to -, at 'is indicated in the status display (VFO/Frequency mode only) Frequency ShiftOFFSET Settings: 000.000 - 993.990 in 1 kHz steps Default: 000.000 Settings: 000.000 - 993.990 in 1 kHz steps Default: 000.000 V Settings: 000.000 - 993.990 in 1 kHz steps Default: 000.000 Settings: 000.127 Default: 000 Setting: 000.127 Default: 000 S			•	Default: OFF					
SFT-D :: X will be shifted lower in frequency mar RX s v v Note: When SFT-D is set to 4, a'' is indicated in the status display v v v 26 OFFSET Frequency Shift/OFFSET (MHz) o v v 26 Frequency Shift/OFFSET (MHz) o v v 26 OFFSET Settings: 000.000 - 999.990 in 1 kHz steps Default: 000.000 o v v 3 WEMory - Channel Programming This menu is used to either create new or modify existing channels (0 through 127) so that this menu is used to either create new or modify existing channels (0 through 127) so that this gestings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex channel. The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex channel. w v v Menu 10 - R-DCS Digital Coded Squelch (DCS) - Transmit/Encode w v v v Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode w v v v v v MEM-CH Menu 13 - T-CTCS Digital Coded Squelch Syst									
Note: When SFT-D is set to + a ** is indicated in the status display Note: WHOF SFT.0 is set to - a *' is indicated in the status display When SFT.D is set to - a *' is indicated in the status display PERSET: PERSET: OFFSET: WHM ST.D is set to - a *' is indicated in the status display OFFSET: OFFSET: Settings: 00:000 - 999.990 in 1 kHz steps Default: MEMory - Channel Programming The Revences of the target channel is 00 through 127) so that they can be accessed from MR(Channel Mode. Settings: Bottomic on the target channel. The RX and TX Frequencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This sesentially creates a fully operational simplex channel. Videbard / Narowband Menu 1: R-CTCS Menu 1: R-CTCS Digital Coded Squeich (DCS). Receive/Decode Menu 1: R-CTCS Digital Coded Squeich System (CTCSS). Menu 1: R-CTCS Digital Coded Squeich Channel s = 22 are RX only						0	\checkmark	\checkmark	
Note: WFO:Frequency mode only) Prequency Shirt/OFFSET (MHz) Frequency Shirt/OFFSET (MHz) OFFSET Settings: 000.000 - 999.990 in 1 kHz steps Default: 000.000 v V WEMOY: FOLLOW: Setting the settings: 000.000 - 999.990 in 1 kHz steps Default: 000.000 - 999.990 in 1 kHz steps Default: 000.000 WEMOY: Channel: This menu's used to cititler create new or modify existing channels (0 through 127) so that they can be accessed from MPChannel Mode. Default: 000 Empty Target Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings: [000.127 Default: 000 Empty Target Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings: [000.127 Default: 000 Creates a fully operational simplex channel. Menu 1 - R-CTCS Continuous Tone Coded Squeckin (DCS): Transmit/Encode Menu 11 - R-CTCS Continuous Tone Coded Squeckin (DCS): Transmit/Encode Menu 11 - R-CTCS Continuous Tone Coded Squeckin (DCS): Transmit/Encode Menu 12 - S-CODE Menu 13 - T-CTCS Digital Coded Squeckin (DCS): Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squeckin (DCS): Transmit/Encode<td>SFT-D</td><td></td><td></td><td>status display</td><td></td><td></td><td></td><td></td><td></td>	SFT-D			status display					
Note: [VFO/Frequency mode only] V V 26 OFFSET Frequency Shift/OFFSET (MHz) 0 0 V V 26 OFFSET OFFSET is not supported by QMRS.V1 0 0 V V 3 Settings: 000.000 - 999.990 in 1 kHz steps Default: 000.000 0 0 V V 3 MEMory - CHannel Programming This menu is used to either create new or modify existing channels (0 through 127) so that its can be accessed from MR/Channel Mode. Default: 000 0 V V 9 Statings (00 - 127 Default: 000 Default: 000 0 V V 9 Statings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex channel. Transmit/Encode V V Menu 10 - R-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode V V Menu 11 - R-CTCS Continuous Tone Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode V V V Menu 13									
26 OFFSET OFFSET is not supported by GMRS-V1 • ✓ OFFSET Settings: 000.000-999.990 in 1 kHz steps Default: 000.000 • ✓ ✓ MEMory - CHannel Programming they can be accessed from MR/Channel Mode. Default: 000.000 127: Default: 000 ✓ ✓ Empty Target Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex channel. ✓ ✓ MEM-CH Menu 2 - TXP Transmit/Encode ✓ ✓ MEM-U 2 - TXP Transmit/Encode Menu 10 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode ✓ Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode ✓ ✓ ✓ Memu 13 - R-CTCS Continuous Tone Coded Squelch (DCS) - Transmit/Encode ✓ ✓ ✓ Memu 13 - R-CTDS Digital Code Squelch (DCS) - Transmit/Encode ✓ ✓ ✓ ✓ Memu 14 - R-GTCS Continuous Tone Coded Squelch (DCS) - Transmit/Encode ✓									
OFFSET Settings 000 - 999.990 in 1 kHz steps Default: 000.000 * V V MEMory - CHannel Programming This menu is used to either create new or modify existing channels (0 through 127) so that they can be accessed from MR/Channel Mode. Default: 000.000 * V V Empty Target Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings: 000 - 127 Default: 000 * V V Empty Target Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This essentially creates a full operational simplex channel. * V V Memu 2 - TXP Transmit Power Menu 10 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode * * V V Menu 11 - R-CTCS Digital Coded Squelch (DCS) - Transmit/Encode * * V * V Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode * * V * V * Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - maxmit/Encode * * V * * V * * V * * V * * <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
Settings Default: 000.000 WEMory - CHannel Programming Memory - CHannel Programming Bartings Memory - CHannel Programming Settings: 000-0127 Default: 000 Empty Target Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings: of the following menus are also saved into the target channel. Menu 2 - TXP Transmit Power Menu 1 - R-CCT CC Continuous Tone Coded Squelch (DCS) - Receive/Decode Menu 1 - R-CCT CC Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 1 - R-CCT CC Continuous Tone Coded Squelch (DCS) - Transmit/Encode Menu 1 - R-CCT CC Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 1 - S-CODE Digital Coded Squelch (DCS) - Transmit/Encode Menu 1 - S-CCDE Digital Code Squelch (DCS) - Transmit/Encode Menu 1 - S-CODE Busy Channel Lockout Menu 2 - SEC Busy Channel Coded Squelch Channels >= 21 are RX only Note: 1 - 30 GMRS channel model: Channel >= 21 are RX only Note: 1 - 30 GMRS channel model: Channel >= 22 are RX only Note: 1 - 30 GMRS channel model: Channel >= 21 are RX only Note: 1 - 30 GMRS channel model: Ch		OFFSET is not suppo	orted by GMRS-V1			0	\checkmark	\checkmark	
27 MEM-CH This menu is used to either create new or modify existing channels (0 through 127) so that they can be accessed from MR/Channel Mode. Default: 000 27 MEM-CH Empty Target Channel: Menu 2 - TXP Transmit Power Menu 0 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode Menu 11 - R-CTCS Continuous Tone Coded Squelch (DCS) - Transmit/Encode Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Transmit/Encode Menu 14 - T-D When the TX frequency differs from RX frequency, a '+-' is indicated in the status display Note: 1 - 30 CMRS channel model: Channels >= 22 are RX only Note: 1 - 30 CMRS channel model: Channels >= 31 are RX only Note: 1 - 30 CMRS channel model: Channels 0 - 22 Seconde Menu 1	OFF3E1	Settings:	000.000 - 999.990 in 1 kHz steps	Default: 000.000					
27 MEM-CH Image: Channel Mode: Setting: Channel Mode: Setting: Channel: The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex channel. Menu 2 - TXP Transmit Power Menu 1 - R-CCS Digital Coded Squelch (DCS) - Receive/Decode Menu 10 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 11 - R-CTCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Menu 17 - S-CODE Menu 13 - T-CTCS Digital Coded Squelch System (CTCSS) - Menu 17 - S-CODE Menu 13 - D-CTCS Buy Channel model: Channels >= 22 are RX only Note 1 - 30 GMRS channel model: Channels >= 22 are RX only Note 1 - 30 GMRS channel model: Channels >= 22 are RX only It is a good idea to check the above menus prior to using menu 27 to Note: make sure none of them have an unwanted setting that was left over from a previous programming session. PEL-CH Settings: [00 - 127 Default: 000 Settings: [00 - 127 Default: 000 It is a good idea to check the above erraset at the factory and channel be erased Note: -32 GMRS channel model: Channels 1 - 30 are set a				0 through (107) as that					
27 MEM-CH Settings: 000 - 127 Default: 000 4 Menu 10 - ROCS Continuous are also saved into the target channel. This essentially creates a fully operational simplex channel. 7 Menu 2 - TXP Transmit Power Menu 10 - ROCS Digital Coded Squelch (DCS) - Receive/Decode Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-TD When the TX frequency differs from RX frequency, a '+-' is indicated in the status display Note: 1 - 30 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channel s = 31 are RX only Note: 1 - 30 GMRS channel model: Channel s = 31 are RX only Note: 1 - 30 GMRS channel model: Channel s = 22 are RX only Note: 1 - 30 GMRS channel model: Chann									
27 MEM-CH The RX and TX frequencies of the target channel are set to the [A] VFO frequency. The settings of the following menus are also saved into the target channel. This essentially creates a fully operational simplex channel. 27 MEM-CH Menu 2 - TXP Transmit Power Menu 10 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode MEM-CH Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 12 - T-DCS Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Menu 17 - S-CODE Digital Coded Squelch (DCS) - Transmit/Encode Menu 17 - S-CODE Menu 17 - S-CODE Digital Coded Squelch (DCS) - Transmit/Encode Menu 17 - S-CODE Menu 17 - S-CODE Digital Coded Squelch (DCS) - Transmit/Encode ////////////////////////////////////				Default: 000					
27 MEM-CH Menu 10 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Menu 10 - R Transmit/Encode Menu 23 - BCL Busy Channel Lockout Menu 23 - BCL Busy Channel Lockout Menu 23 - BCL Menu 23 - BCL Note: Monte tatatus display 1 - 30 GMRS channel model: Channels >= 22 are RX only Mote: Note: Note: It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty.		The RX and TX frequent settings of the following	iencies of the target channel are set to the [A] V ng menus are also saved into the target channe						
27 MEM-CH Menu 10 - R-DCS Digital Coded Squelch (DCS) - Receive/Decode 4 Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode 4 Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Paramit/Encode Menu 19 - PTT-ID When to Send PTT-ID Menu 23 - BCL Busy Channel Lockout Note: Note: 1 - 30 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. 28 DEL-CH Settings: 00 - 127 Default: 000 ✓ Note: 1 - 30									
27 MEM-CH Menu 11 - R-CTCS Continuous Tone Coded Squelch System (CTCSS) - Receive/Decode Menu 12 - T-DCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 17 - S-CODE PTT-ID DTMF Code Selection Menu 17 - S-CODE PTT-ID UTMF Code Selection Menu 23 - BCL Busy Channel Lockout Note: In the status display Note: 0 - 22 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel 3 = 31 are RX only Note: It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programming session. 28 DEL-cte/Erase Memory - CHannel This menu is used to erase the programmed again or be left empty. 28 DEL-cte/Final 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 0 - 22 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased						√			
27 MEM-CH Menu 12 - T-DCS Continuous Tone Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Menu 17 - S-CODE PT1-ID TMF Code Selection Menu 19 - PTT-ID Menu 23 - BCL Busy Channel Lockout When the TX frequency differs from RX frequency, a '+-' is indicated in the status display Note: 0 - 22 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: nake sure none of them have an unwanted setting that was left over from a previous programming session. PELete/Erase Memory - CHannel This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. 28 DEL-CH Setting: 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased ✓ Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased ✓ Note: 1 - 30 GMRS channel model: C			Continuous Tone Coded Squelch System (CTC						
MEM-CH Menu 13 - 1-CTCS Digital Coded Squelch (DCS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 13 - T-CTCS Continuous Tone Coded Squelch System (CTCSS) - Transmit/Encode Menu 19 - PTT-ID When to Send PTT-ID Menu 23 - BCL Busy Channel Lockout Menu 23 - BCL Busy Channel Lockout Mote: 0 - 22 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only It is a good idea to check the above menus prior to using menu 27 to Note: nake sure none of them have an unwanted setting that was left over from a previous programming session. PELete/Erase Memory - CHannel This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. Settings: 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased	27								
28 DELete/Erase Memory - CHannel DEL-CH The settings: 000 - 127 000 - 127 Default: 000 1 - 30 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased 0 - 22 GMRS channel model: Channels >= 22 are set at the factory and cannot be erased									
Menu 19 - PTT-ID When to Send PTT-ID Menu 23 - BCL Busy Channel Lockout Note: When the TX frequency differs from RX frequency, a '+-' is indicated in the status display Note: 0 - 22 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel o and Channels >= 31 are RX only It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programming session. DELete/Erase Memory - CHannel This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. Settings: 000 - 127 Default: 000 ✓ Note: 1 - 30 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channe									
Menu 23 - BCL Busy Channel Lockout Note: When the TX frequency differs from RX frequency, a '+-' is indicated in the status display Note: 0 - 22 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channel 0 and Channels >= 31 are RX only Note: It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programming session. DELete/Erase Merry - CHannel This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. Settings: 000 - 127 Default: 000 Note: 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased									
28 DELete/Erase Memory - CHannel Mote: 0 - 22 GMRS channel model: Channels >= 22 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: 1 - 30 GMRS channel model: Channels >= 31 are RX only Note: It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programming session. DELete/Erase Memory - CHannel									
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Note: only It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programming session. It is a good idea to check the above menus prior to using menu 27 to make sure none of them have an unwanted setting that was left over from a previous programming session. DELete/Erase Memory - CHannel This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty.		Note:	0 - 22 GMRS channel model: Channels >= 22 a	are RX only					
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28 This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. 28 Settings: 000 - 127 DEL-CH 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased 29 Standby (WaiT) - Back Light LED Color Display Illumination Color ✓		Note:	make sure none of them have an unwanted set						
28 This menu is used to erase the programmed information from the specified channel (0 through 127) so that it can either be programmed again or be left empty. 28 Settings: 000 - 127 DEL-CH 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased 1 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased 29 Standby (WaiT) - Back Light LED Color Display Illumination Color ✓		DELete/Erase Memo	ry - CHannel						
DEL-CH Note: 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Standby (WaiT) - Back Light LED Color ✓ Display Illumination Color ✓	28								
DEL-CH Note: 0 - 22 GMRS channel model: Channels 0 - 22 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Note: 1 - 30 GMRS channel model: Channels 1 - 30 are set at the factory and cannot be erased Standby (WaiT) - Back Light LED Color ✓				\checkmark					
29 Standby (WaiT) - Back Light LED Color Display Illumination Color		NOLE.	and cannot be erased		·				
29 Display Illumination Color √									
					./				
Settings: OFF[0] BLUE[1] ORANGE[2] PURPLE[3] Default: PURPLE	WT-LED		OFF[0] BLUE[1] ORANGE[2] PURPLE[3]	v					

	(sena comments, suggestions or corrections to GMRS-v T@RC9HLnet)					
Menu Number / Short Name	Long Name / Description / Settings / Notes	Global	MR/ Channel Mode	VFO/ Frequency Mode	Separate VFO A & B Settings	Stored on a Per Channel Basis
	Descrive (DY) - Desch Licht I ED Oslar					
30	Receive (RX) - Back Light LED Color Display Illumination Color					
RX-LED		_ ✓				
	Settings: OFF[0] BLUE[1] ORANGE[2] PURPLE[3] Default: BLUE					
31	Transmit (TX) - Back Light LED Color					
TX-LED	Display Illumination Color	\checkmark				
TX-LLD	Settings: OFF[0] BLUE[1] ORANGE[2] PURPLE[3] Default: ORANGE					
	ALarm - MODe					
	Settings: OFF[0] SITE[1] TONE[2] CODE[3] Default: TONE	_				
	SITE: Sounds alarm through your radio speaker only	_				
32	TONE: Transmits a cycling tone over-the-air					
AL-MOD	Transmits '110' (011 in reverse 2) followed by the ANI code over the	- ·				
	CODE: air					
	Note: Recommended setting is OFF					
[DouBle-PTT Selection					
	Controls the behavior of the dual PTT buttons.	_				
	Settings: OFF[0] ON[1] Default: ON	_				
	Dressing either DTT butten will TV beend on shorned calested in the	_				
33	selected display line	_				
DB-PTT	Pressing the upper PTT button will select the upper (A) display line		\checkmark			
	ON: and TX based on the selected channel. Pressing the lower PTT button will select the lower (B) display lilne					
	and TX based on the selected channel.					
	Note: 0-22 GMRS channel model: Channels 0 - 22 only	_				
	Note: 1-30 GMRS channel model: Channels 1 - 30 only	_				
	Transceiver Dual Reception - [A]/[B] Display Priority	_				
	When enabled, priority is returned to selected display once the signal in the other display					
	disappears.	_				
34	Settings: OFF[0] A[1] B[2] Default: OFF	_				
TDR-AB	Note: Requires menu 7 to be enabled	\checkmark				
	Note: This menu still functions but it is overridden by the dual PTT.					
	An external speaker/microphone with a single PTT button will always					
	select [B].	_				
	Note: Recommended setting is OFF					
	Transceiver - Squelch Tail Elimination					
	This function is used eliminate squelch tail noise between GMRS-V1s that are					
	communicating directly (no repeater). Reception of a 55 Hz or 134.4 Hz tone burst mutes					
	the audio long enough to prevent hearing any squelch tail noise. Settings: OFF[0] ON[1] Default: ON	_				
35	Settings: OFF[0] ON[1] Default: ON When enabled and T-DCS is set to OFF the radio sends a 55 Hz	· /				
STE	Note: When enabled and 1-DCS is set to OFF the radio sends a 55 HZ tone for about 1/4 second when the PTT key is released.	\checkmark				
	When enabled and T-DCS is not set to OFF the radio sends a 134.4	1				
	Note: Hz tone for about 1/4 second when the PTT key is released.					
	Note: Set to OFF before communicating through a repeater.					
	Note: Recommended setting is OFF					
	RePeater - Squelch Tail Elimination					
	This function is used eliminate squelch tail noise when communicating through a repeater					
36 RP-STE	Settings: OFF[0] 1 - 10 Default: 5					
	Note: Requires use of a repeater utilizing this feature.					
	Note: Used with menu 37	1				
	Note: Recommended setting is OFF	1				
	RePeaTer - Retard Squelch Tail ELimination Tail Tone (X100 milliseconds)					
	Length of time after [PTT] is released until STE tail tone is transmitted	-				
37	Settings: OFF[0] 1 - 10 Default: OFF	- ,				
RPT-RL						
	Note: Used with menu 36 Note: Recommended setting is OFF	-				
L	Note. Incommended setting is OFF					

(send comments, suggestions or corrections to GMRS-V1@KC9HI.net)

Menu Number / Short Name		Long Name / Description / Settings / Notes		Global	MR/ Channel Mode	VFO/ Frequency Mode	Separate VFO A & B Settings	Stored on a Per Channel Basis
		r of the display when the transceiver is turned on		-				
38		FULL[0] MSG[1]	Default: FULL	\checkmark				
PONMSG		Performs an LCD screen test at power-on		v				
		Displays a 2-line power-on message						
	Note:	The power-on message must be edited with software the software of the software	ware					
	ROGER Beep							
39 ROGER	Sends an end-of-trai ended.	nsmission tone to indicate to other stations that the	e transmission has	\checkmark				
RUGER	Settings:	OFF[0] ON[1]	Default: OFF					
	Note:	Recommended setting is OFF						
	Repeater - TONE							
		n tone burst frequency.						
40 R-TONE	Settings:	1000 HZ[0] 1450 HZ[1] 1750 HZ[2] 2100 HZ[3]	Default: 1750 HZ	\checkmark				
	Note:	The R-TONE frequency is transmitted by pressing while the [PTT] button is also pressed.						
	Scan-ADD/Skip							
41		e, sets the selected memory to be scanned (ON) of		,			,	
SC-ADD	Settings:	OFF[0] ON[1]	Default: ON		\checkmark			\checkmark
	Note:	The ourrently selected memory will have a small '	"dot" under the					
	[A]/[B] - Roger BeeP	at End of Reception						
42		eption tone in the speaker when squelch closes or	the selected	\checkmark				
A/B-BP	Settings:	OFF[0] A[1] B[2]	Default: A					
	Note:	Useful when menu 7 is set to ON						
	RESET to Firmware	Default Settings						
43 RESET	Settings:	VFO[0] ALL[1]	Default: ALL					
	VFO:	Resets all menus to firmware default and sets the frequencies to firmware default.	e [A] and [B] VFO	/				
	ALL:	Resets all menus to firmware default, sets the [A] the VHF band low limit and the [B] VFO frequenc low limit, resets GMRS channels to firmware defa non-GMRS channels.	y to the UHF band					

Legend & Definitions

[A] The top/upper VFO/Channel Display

[B] The bottom/lower VFO/Channel Display

RX Receive

TX Transmit

PTT Push-to-talk

RO Read Only

√ Valid

◎ Inhibited

[n] Numbers in brackets are shortcuts

YMMV Your Mileage May Vary

DEFAULT Firmware default following a RESET->ALL

Time Out Timer Table (Menu 9)

N°	Seconds	N°	Seconds	N°	Seconds	N°	Seconds
0	15	10	165	20	315	30	465
1	30	11	180	21	330	31	480
2	45	12	195	22	345	32	495
3	60	13	210	23	360	33	510
4	75	14	225	24	375	34	525
5	90	15	240	25	390	35	540
6	105	16	255	26	405	36	555
7	120	17	270	27	420	37	570
8	135	18	285	28	435	38	585
9	150	19	300	29	450	39	600

Note: digits in the 'Nº' column are shortcuts

CTCSS Table (Menu 11 & Menu 13)

N°	Tone(Hz)	N٥	Tone(Hz)	N°	Tone(Hz)	N°	Tone(Hz)	N°	Tone(Hz)
	67.0		94.8		131.8		171.3		203.5
	69.3		97.4		136.5		173.8		206.5
	71.9		100.0		141.3		177.3		210.7
	74.4		103.5		146.2		179.9		218.1
	77.0		107.2		151.4		183.5		225.7
	79.7		110.9		156.7		186.2		229.1
	82.5		114.8		159.8		189.9		233.6
	85.4		118.8		162.2		192.8		241.8
	88.5		123.0		165.5		196.6		250.3
	91.5		127.3		167.9		199.5		254.1

DCS Table (Menu 10 & Menu 12)

N٥	Code	N°	Code	N°	Code	N٥	Code	N°	Code
1	D023N	22	D131N	43	D251N	64	D371N	85	D532N
2	D025N	23	D132N	44	D252N	65	D411N	86	D546N
3	D026N	24	D134N	45	D255N	66	D412N	87	D565N
4	D031N	25	D143N	46	D261N	67	D413N	88	D606N
5	D032N	26	D145N	47	D263N	68	D423N	89	D612N
6	D036N	27	D152N	48	D265N	69	D431N	90	D624N
7	D043N	28	D155N	49	D266N	70	D432N	91	D627N
8	D047N	29	D156N	50	D271N	71	D445N	92	D631N
9	D051N	30	D162N	51	D274N	72	D446N	93	D632N
10	D053N	31	D165N	52	D306N	73	D452N	94	D645N
11	D054N	32	D172N	53	D311N	74	D454N	95	D654N
12	D065N	33	D174N	54	D315N	75	D455N	96	D662N
13	D071N	34	D205N	55	D325N	76	D462N	97	D664N
14	D072N	35	D212N	56	D331N	77	D464N	98	D703N
15	D073N	36	D223N	57	D332N	78	D465N	99	D712N
16	D074N	37	D225N	58	D343N	79	D466N	100	D723N
17	D114N	38	D226N	59	D346N	80	D503N	101	D731N
18	D115N	39	D243N	60	D351N	81	D506N	102	D732N
19	D116N	40	D244N	61	D356N	82	D516N	103	D734N
20	D122N	41	D245N	62	D364N	83	D523N	104	D743N
21	D125N	42	D246N	63	D365N	84	D526N	105	D754N
N٥	Code	N°	Code	N٥	Code	N°	Code	N٥	Code
106	D023I	127	D131I		D251I		D371I		D532I
107	D025I	128	D132I		D252I		D411I		D546I
108	D026I	129	D134I		D255I		D412I		D565I
109	D031I	130	D143I		D261I		D413I		D606I
110	D032I	131	D145I		D263I		D423I		D612I
111	D036I	132	D152I		D265I		D431I		D624I
112	D043I	133	D155I		D266I		D432I		D627I
113	D047I	134	D156I		D271I		D445I		D631I
114	D051I	135	D162I		D274I		D446I		D632I
115	D053I	136	D165I		D306I		D452I		D645I
116	D054I	137	D172I		D311I		D454I		D654I
117	D065I		D174I		D315I		D455I		D662I
118	D071I		D205I		D325I		D462I		D664I
119	D072I		D212I		D331I		D464I		D703I
120	D073I		D223I		D332I		D465I		D712I
121	D074I		D225I		D343I		D466I		D723I
122	D114I		D226I		D346I		D503I		D731I
123	D115I		D243I		D351I		D506I		D732I
124	D116I		D244I		D356I		D516I		D734I
125	D122I		D245I		D364I		D523I		D743I
126	D125I		D246I		D365I		D526l		D754I

Note: digits in the 'Nº' column are shortcuts