

Knob	VFO Mode			MEMORY Mode		
	Turn	Short press	Long press ½ sec	Turn	Short press	Long press
DIAL MIC: P1	Freq. (or enter directly on MIC)	Make MAIN or, if MAIN , 1Mhz step	144 250 350 430 850	Channel (or enter directly on MIC)	Make MAIN or, if MAIN , channels x10	n/a
Volume	Volume	Left: WIRES™ on/off *int*. Right:Power.	no action	Volume	Left: WIRES™. Right: Power.	no action





Left/Right	Normal		VKEY2 (right buttons) (Set #20)	
	Short press	Long press ½ sec.	Short press	Long press ½ sec.
LOW MIC: P4	Power low(5) > mid1(10) > mid2(20) > high(50/35)	VFO: no action MEMORY: Display frequency > Display alpha tag	MAIN 1MHz step	MAIN 10MHz step
V/M MIC: P2	VFO > MEMORY	VFO: Smart Search MEMORY: Make sure MAIN is on correct side!!! Set Channel Memory Bank: Rotate MAIN DIAL to select bank (bypass to delete channel from bank), press SET ½ sec. Set side Memory. Bank: Rotate MAIN DIAL to select bank or ALL.MEM, press SET .	Momentarily reverse MAIN TX<->RX freq (+ or - blinks)	MAIN RPT- RPT OFF
HM MIC: P3	Recall Home Ch for current side & band.	Priority watch scan. To stop, press HM ½ sec.	MAIN Tone ENC ENC.DEC DCS OFF	no action
SCN	Scan (#35 determines whether all non-SKIP memories or only MSM memories are scanned)	VFO: Rotate DIAL to select step. Press SCN . MEMORY: MemoryTuning(MT). See PM	next key affects Sub band (MAIN blinks on Sub band)	no action
SET	Enter SET Menu mode	VFO: Transfer MAIN VFO into memory. See "Memory Store". MEMORY: Transfer MAIN memory into memory.	no action	no action

HyPermem (1) (6)	Short press: Recall. (#16 determines whether configuration prior to recall is saved or not saved into the then current HP.) Long press 2 sec.: Store current radio configuration (Red text indicates HyPermemory data.) Note: SKP.MSM (#37) exists for each ch/HP.
DTMF Manual	While pressing PTT, enter DTMF string on MIC keypad.
DTMF Autodialer	Select DTMF string (#15). To exit selection, press MAIN DIAL for ½ sec. While pressing PTT, press MAIN HM . Release PTT.
Memory store (If Ln/Un does not appear, switch to MEMORY mode & set ALL.MEM.)	In VFO mode: set freq (MAIN DIAL or mic), CTCSS vs. DCS (#41), Tone (#40) or DCS (#10), repeater offset (#33, #36), power level (MAIN LOW), & bandwidth (#44). Press SET ½ sec. Within 10 seconds, press MAIN HM to store Home Channel or select channel (MAIN DIAL) and press SET to store OR press SET for ½ sec to enter alpha tag. Set SKP.MSM (#37) if desired.
Alpha tag (max 6 char.)	After pressing SET ½ sec above, rotate MAIN DIAL to set character, press MAIN DIAL to proceed to next. If incorrect character, press MIC DWN button to backspace. Press SET to end.
Odd split	For splits not available via #36, see Operating Manual p33.
Delete memory	In MEMORY and ALL.MEM mode, press SET ½ sec. Select channel (MAIN DIAL). Press MAIN SCN to delete & revert to Ch 1.
MEMORY only mode (no VFO possible)	Press and hold left V/M while turning radio on. Rotate right DIAL to select "F-6 M-ONLY MODE". Press SET .
PMS (Band Limit Scan)	Program lower limit & upper limit (L1/U1 - L10/U10) as described in "Memory Store". Remember tuning step (#38). In MEMORY mode, select Ln. Press MAIN SCN ½ sec to initiate PMS mode. "MT" appears. Press MAIN SCN to initiate PMS scan.
VFO w/priority	In MEMORY mode, recall priority memory channel. Select VFO mode, Press HM ½ sec. Priority memory ch checked every 5 sec.
Memory w/priority	Store priority channel in channel 1. Select another memory channel. Press HM ½ sec. Ch 1 checked every 5 sec.
Home w/priority	In MEMORY mode, select priority memory ch. Press HM . Press HM ½ sec. Priority memory ch checked every 5 sec.
Tone scan	Set #41 (consider using MIC:P3) to ENC.DEC (CTCSS) or DCS. Enter edit mode for #40 (ENC.DEC) or #10 (DCS). Press MAIN SCN to search for tone/code. Once found, press MAIN DIAL to select value. Press MAIN DIAL ½ sec to save setting.

Press **SET**. Rotate **MAIN** **DIAL** to select item #. Press **MAIN** **DIAL**. Rotate **MAIN** **DIAL** to select value. Press **MAIN** **DIAL** ½ sec to save setting.

1 r	Auto power off: OFF 0.5H - 12H	17 r	Internet connection mode	33 b c	Repeater shift: RPT.OFF RPT.-, RPT.+
2 r	Auto repeater shift: ON OFF	18 r	WIRES Access Number	34 r	Scan resume mode: TIME BUSY
3 r	ARTS beep mode: IN RNG ALWAYS	19 r	non-WIRES Access Number	35 s	Memory scan mode: MEM MSM
4 r	VFO Band Edge: ON(loop) OFF	20 r	Right keys: Key1 VKEY2	36 b c	Repeater shift: 0.00 - 99.5 MHz
5 r	Beeps (key, RX, & other): ON OFF	21 r	Key/Button lock: ON OFF	37 c	Scan mode: OFF SKIP MSM
6 b c	CPU clock shift (birdies): ON OFF	22 r	PTT lock: OFF BAND R BAND L BOTH	38 b	Tuning step: 5.0K - 50.0K
7 r	TX ARTS CW Identifier: ON OFF	23 r	Microphone: MH-48 MH-42	39 r	Speaker: EXT OFF INT.EXT INT
8 r	CW callsign (6 char)	24 r	Audio mute: OFF TX RX TX/RX	40 b c	Tone: 50 CTCSS tones (100kHz)
9 r	Display brightness: 1-3, OFF	25 c	Alpha tag	41 b c	Tone: OFF ENC ENC.DEC DCS
10 b c	DCS code: 104 codes (Q23)	26 r	Packet baud rate: 1200BPS 9600BPS	42 r	TX time-out: 1 - 30 min. or OFF (6 min.)
11 r	DCS inversion: TRX N RX R TX R TRX R	27 r	Packet band: MAIN R-FIX L-FIX	43 r	VFO Tracking (satellite): ON OFF
12 r	SubBand display: FREQ CWID DC-IN OFF. (SubBand disabled if not FREQ)	28 r	Mic P1 button: function BAND	44 b c	Bandwidth: WIDE NARROW
13 r	DTMF Autodialer delay: 50ms - 1s (450ms)	29 r	Mic P2 button: function VFO/MR	45 r	Cross-band repeater
14 r	DTMF Autodialer send: 50ms 75ms 100ms	30 r	Mic P3 button: function TONE	46 b	AM mode: ON OFF
15 r	Loading DTMF Autodialer memories (p.48)	31 r	Mic P4 button: function LOW	47 r	AM Receiving mode: AUTO OFF
16 r	Auto write for HyperMemory: Manual Auto	32 s	Squelch thresh: OFF S-2 S-5 S-9 S-FULL	r b c	Coding: radio side band(L.R) channel

Label for microphone:

P1		Band
P2		Bank
P3		Priority
P4		ch tag