Print on letter size paper (8.5x11). Page is setup so that you can print on light card DOUBLE SIDED and zig-zag fold along lines. Fits nicely into a wallet.

YAESU VX-7R

☐ Alternate Functions
● These are secondary functions of the buttons. Press **MONF** then key,
MONI = Basic Setup: 2 SQL NFM
#1 = SCAN
#2 = Activates Dual Watch
#3 = Recall Weather memories
#4 = Activate ARTS function
#5 = Activate Smart Search
#6 = Activate Spectrum Analyzer
#7 = Activate Channel Counter
#8 = Set Menu Squelch Type:1
#9 = Enter Special Memories
#0 = Enter Set Menus
BAND = band down
MAIN & SUB=change display size
V/M = no action
NOTE: MONI/MONF buttons can be swapped. (See misc menu item #4)

☐ Tone Search Scanning
● Set up for CTCSS or DCS.
● **TSQ** or **DCS** must be displayed
● Press **MONF**, **SET**, select TONE SET :2. Press **BAND**, press **MONF**, **and SCAN (1).** When tone flashes press **BAND** to lock in tone, then **PTT** exits. Store if needed

☐ TX PWR Level
● **HI**:   5W   Hi (1W AM 6M)
● **L|||**   2.5W   L3
● **L||**   1W   L2
● **L|**   .05W   L1 (.3w on 220)
● Press **MONF, TX PO** for power level L1, L2 or L3. No icon = Hi

☐ Supply Voltage & Current
Nominal battery: **7.4 vdc**
Ext. operating: **10 – 16 vdc**
Standby: (mono)   **67mA** (saver off)
Standby: (mono)   **28mA** (saver on)

☐ Memory offset Tuning
● In memory mode, press **V/M.** Use **DIAL** to tune up/down.

☐ Memory Scanning
● Press **MONF**, **SCAN (1)** in memory mode to start scanning.

☐ VFO Scanning
● Press **MONF**, **SCAN (1)** in VFO mode to start scanning.

☐ Microprocessor Reset (All)
● Press and hold **ARTS (4), BAND,** and **V/M** while turning power on, Press **MONF** to reset all.

☐ Set Mode Reset
● Press and hold **BAND** and **V/M** while turning power on. Then press **MONF** to reinitialize all set menus.

☐ Set Priority channel
● In memory mode, press **MONF** 1s, select priority ch, press **BAND.**

☐ Smart Search
● Searches above/below current freq, stores active freqs in 31 memories. One sweep or Continuous fills all 31 memories.
● **MONF**, **SET**, select search mode scan menu #5**, PTT**. Select **VFO** in desired mono band. Press **MONF, S.SCH (5)**. Press **V/M** to begin scan. To recall rotate **DIAL**. Exit pressing **MONF, S.SCH (5).**

☐ Spectrum Analyzer
● As above except use scan menu item #6 to set 1 scan or continuous, **MONF, SP-ANA (6)** to start/end. **MAIN/SUB** changes scan width.

☐ Channel Counter
Inserts 50 dB pad in VFO mode, Set scan for +/- 5, 10, 50, 100 MHz for strongest sig. **MONF, CH.CNT**

☐ Cloning
● Press **MONF** while turning on, display reads "Clone", Press **V/M** on destination radio, "clone wait", Press **BAND** on source radio.

☐ Program memory Scan
● Store lower freq in L(1-20), store upper freq in matching U memory. Switch to Mem mode, select L(x) memory. Press **V/M** for 1s to scan.

☐ Memory scan skip
● Select Memory mode, select ch to skip. Press **MONF**, then **SET**, select Basic #13, press **MAIN/SUB** to select "SKIP", **PTT** stores.

☐ Preferential Scan list
● Same as above except selects "PREFERENTIAL". Musical note will be displayed. Start by **MONF**, **SCAN (1)** from this type of chan**.**

Operating Bands

Band	Freq (MHz)	kHz step	Mode
AM Bcst	0.5 – 1.8	9-10	AM
SW	1.8 - 30	5-100	AM
6-M	30 - 59	5-100	FM/AM
FM Bcst	59 -108	5-100	FM-W
Aircraft	108-137	5-100	AM
2-m	137-174	5-100	FM-N
VHF TV	174-222	5-100	FM-W
220 ham	222-420	5-100	FM-N
Action1	225-420	5-100	FM-N
70-cm	420-470	5-100	FM-N
UHF-TV	470-800	10-100	FM-W
Action2	800-999	10-100	FM-N

RPTR Uplink Freq Check
Press **HM/RV** Display shifts to reverse freq. Press **MONI** to listen.

Masking Memories
● In memory mode press **MONF** for 1s, turn **DIAL** to memory # to mask. Press **V/M**. Memory is masked. Repeat to unmask.

Memory Labels
● Press **MONF, SET** rotate **DIAL** to Basic menu #11, press **BAND**, press **MAIN** or **SUB** or Keypad to select first character, Rotate **DIAL** to select second position, repeat for 8 characters, (**DW (2)** key selects between 7 different character sets.) Pressing **PTT** exits and stores.
● Display must be set to small size and radio in mono band mode.

DTMF Storage
● 9 memories, up to 16 digits each
● Press **MONF, SET,** TSQ/DTMF menu #8, Press **BAND** to enter set.
● Press **MAIN/SUB** to select DTMF memory number
● Rotate **DIAL** forward/back to select position, press keys to enter up to 16 #s. Press **PTT** to store/end

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Storing memory channels
● In VFO mode enter all options. Press **MONF** 1 sec, select ch # with **DIAL,** press **MONF** again to store in memory

Storing "split" memories
● Store RX freq as above, select TX freq. Press **MONF** for 1sec, within 5 sec, select same channel number as above, press and hold **PTT,** then press **MONF** to store.

Move memory to VFO
● On Memory ch, press **MONF** 1sec, then **TX/PO** (Internet button)

Send stored DTMF Num.
● Press **MONF, SET,** select TSQ menu #7, set to ON then press **PTT** to store. While pressing **PTT,** press numbers keys **1 – 9** to transmit stored string.

ARTS operation
● Radios must be in DCS mode
● Press **MONF, ARTS** for 1sec

Memory Group Assignment
● Select ch to assign, press **MONF**1s then press **# 1** to **9** to assign.

Memory Group Recall
● Press **MONF, SPCL(9)** to recall special memories, select **#2 MR Group** with **Dial,** Press **PTT** to activate, rotate **DIAL** to select **MG1** to **MG9**. Press **V/M (write)** to lock in **MG.** Set spec mem to off to exit.

Select Priority Channel
● Press **MON F**, 1sec then select channel to be priority, press **BAND,** "**P**" appears next to MR.

Dual Watch Operation
● Select mem/vfo press **MONF, DW** to enter DW mode, **V/M** exits.

Set Mode Menu Summary
Press **MONF, SET to enter. DIAL** to select, **PTT** exits all menus

Basic Setup

	Basic Setup		Scan modes
1	SQU N-FM	1	CH COUNTER
2	SQU W-FM	2	EDGE BEEP
3	VFO STEP	3	RESUME
4	RX MODE	4	SCAN LAMP
5	ARS	5	SMART SEARCH
6	SHIFT	6	SPEC ANALYZER 1
7	RPT SHIFT	7	SPEC ANALYZER 2
8	MUTE SET		**Measurement**
9	KEY BEEP	1	SENSOR DISPLAY
10	LOCK MODE	2	WAVE MONITOR
11	NAME SET	3	TEMP UNIT
12	MEM WRITE MODE	4	BARO UNIT
13	MEM SCAN MODE	5	ALTITUDE UNIT
14	HYPER WRITE	6	ALTITUDE OFFSET

	Display		ARTS
1	BUSY LED	1	ARTS BEEP
2	CONTRAST	2	ARTS INTERVAL
3	DIMMER	3	CW ID PGM AND SET
4	DISPLAY MODE	4	LAMP MODE
5	LED COLOR 1		**Save mode**
6	LED COLOR 2	1	APO
7	METER SYMBOL	2	RX SAVE
	TSQ/DCS/DTMF	3	TX SAVE
1	SQL TYPE	4	TOT
2	TONE SET	5	ON TIME
3	DCS SET	6	OFF TIME
4	DCS COMPLIMENT		**MISC**
5	BELL	1	BCLO	11	FONT ED
6	SPLIT TONE	2	HOME/REV	12	ICON SE
7	DTMF DIALER	3	MON'T-CALL	13	ICON EDI
8	DTMF SET	4	MON-F MODE	14	ICON SEL
		5	EMERG SET	15	CLK SHF
		6	HALF DEV	16	TIME SET
		7	VOX SENS	17	LANGUA
		8	VOX DELAY	18	ATTEN
		9	BAND LINK	19	MIC MON
		10	VFO MODE	20	WX ALER