

VR-120D Quick Reference (rev. 0.5)

Select Band

Up – Press **BND**; *Down* – Press **[F] + BND**

Toggle VFO/Memory Mode

Press **V/M** Button. In Memory mode you can also press **BND** button to copy current memory frequency to VFO.

Select Receiving Mode

In VFO mode press **MODE** to toggle Auto, FM, WFM, AM

Select Scan Mode

Press **SCAN** while scanning to toggle between busy, pause, stop modes

Scanning & Searching

Memory scan - press **SCAN** in memory mode

VFO search - press **SCAN** in VFO mode to initiate. While searching use **[F] + dial** to select search band

Create search band – in VFO mode select lower frequency and press and hold **[F] + SCAN** for 2 secs. Repeat for upper frequency.

Store search band – Initiate VFO search. Press and hold **[F] + SCAN** for 2 secs. Use **[F] + dial** to select search band memory. Press and hold **[F] + SCAN** for 2 secs to store.

Store Freq. to Memory Location

In VFO mode select Frequency and press **[F] + V/M**.

If want to add label, press **[F] + SCAN**, Use **dial** to select letter, **[F] + dial** to move to next letter, Press **[F] + V/M** to store.

Use **dial** to select memory location. Use **[F] + dial** to increment by bank.

Press **[F] + V/M** to store in memory location.

Clear a Memory

In Memory mode select the channel to clear. Press **[F] + V/M** twice.

Smart Search

Set Smart Search Range - In VFO mode select lower frequency then press and hold **SCAN** for 2 secs. Rotate **dial** to select SL memory. To store press and hold **[F] + SCAN** for 2 secs. Repeat for upper frequency selecting SU memory and starting frequency selecting SS memory.

Start Smart Search – In VFO mode press and hold **SCAN** for 2 secs to enter Smart Search mode. Again press and hold **SCAN** to start Smart Search.

Preferential Scan

In memory mode select a channel. Press and hold **SCAN** for 2 seconds to toggle preferential scan setting. While scanning press **SCAN** for 2 seconds to toggle preferential scanning on and off.

Dual Watch

Dual Watch Search - Press and hold the **V/M** key for 2 seconds to enter dual watch mode. Use **[F] + dial** to select dual watch memory. Press **V/M** key to exit dual watch mode.

Program Frequency Pair - In VFO mode select the first frequency and press **[F] + V/M** key for 2 seconds until "DWA" appears on display. Select the second frequency and repeat above until "DWB" appears on display. Press and hold **V/M** key for 2 seconds to begin scanning.

Store Frequency Pair – While scanning a frequency pair, use **[F] + dial** to select the memory and then pressing **[F] + V/M** for 2 seconds.

Channel Counter

In VFO mode set the frequency to the center of the search range. Press and hold the **MODE** key for 2 seconds. To exit Channel Counter mode press the **V/M** key.

Attenuator

Press **[F] + MODE** key to toggle the attenuator on and off

Select Set Mode

Press the **[F] + SCAN** key momentarily to enter set mode. Use the dial to select the setting to view or update. Use **[F] + dial** to change settings. Press **[F] + SCAN** to save setting.

#	Menu Item	Function	Default Value
00	STEP	Channel Steps	AUTO
01	F STEP	Selects the desired "Fast" Channel Steps	1 MHz
02	LAMP	Selects the LCD Lamp Mode	AUTO
03	SAVE	Selects the Battery Save Interval ("sleep" ratio)	1 sec (1:4)
04	OFFTIM	Sets the "Sleep Timer" Time	OFF
05	PAUSE	Sets the Delay time for scanning	5 sec
06	BEEP	Enables/Disables the Keypad Beeper	ON
07	VOLT	Checks Battery Voltage	(1.9 ~ 3.5 V)
08	SM SEN	The setting of S-meter sensitivity	NORMAL
09	SM BUZ	Enable/Disables the S-Meter Buzzer	OFF
10	GROUP	Selects the Preset Mode (# P12)	GROUP0
11	SEARCH	Selects the VFO Scan Type	VFO
12	SCHMEM	Displays the "Search Band" Memory frequency pair	
13	MEMORY	Selects Memory Channel operation	VFO

		mode between the "regular" memories (VFO) or "skipped" memory (SKIP).	
14	SCAN	Enables/Disables Memory Bank Scanning	ALL
15	B LINK	Sets up the Bank Link Feature	
16	BANKCL	Clears (masks) all the Memory Channels in a particular Memory Bank.	
17	SKIPCL	Clears all Memory Channels in "Skip" Memory	
18	DW/PW	Dual Watch / Priority Monitoring	DW
19	S SCH	Selects the Smart Search operating mode	SINGLE
20	CH CNT	Channel Counter Search Width	50 MHz
21	FLEX S	Enables/Disables the "flexible" frequency step feature	ON
22	AM ANT	Selection of the antenna used in the AM broadcast mode	EXT
23	FM ANT	Selection of the antenna used in the FM mode	EXT
24	O T M	Activation of One touch Memory	OFF
25	GAME	This VR-120D includes a simple "slot machine" game in which three digits scroll in a random fashion.	