

HF Remote Base Keypad

Keypad Definition

1 Remote in receive only mode or Select HF Mode #	2 Remote in receive and transmit on mode	3 Receive and transmit off. Cancels HF mode	A Bump Up Remote 20HZ
4 Bump Down Remote 100HZ	5 Recall Memory Channel ## 00..99 or Select VFO A	6 Bump Up Remote 100HZ	B Bump Down Remote 20HZ
7 Bump Down Remote 500 HZ or Start Scan #	8 Recall Frequency of current VFO or Select Offset	9 Bump Up Remote 500HZ	C Not Defined
* Frequency <Point> Key .	0 Write Memory Channel ## or Select VFO B	# Force Execution Digit Enter	D Not Defined

Special Definitions:

HF Mode (See Keypad 1):

HF Mode Number	Definition
1	Selects USB Mode
2	Selects LSB Mode
3	Selects AM Mode
4	Selects FM Mode

Start Scan (See Keypad 7)

Scan Number Entered	Scan Mode Requested
1	Scan Down Slow (20HZ Steps)
3	Scan Up Slow (20HZ Steps)
4	Scan Down Medium (100HZ Steps)
6	Scan Up Medium (100HZ Steps)
7	Scan Down Fast (500HZ Steps)
9	Scan Up Fast (500HZ Steps)

HF Prefix:

The HF prefix is a single digit that is configured with Command 105. This digit is always the first digit entered when any HF mode is executed. The reason for the prefix digit is to keep single digit entries from accidentally being entered.

Example: I am in HF mode and need to start the scan function for fast up scanning

Enter: 1 79 '#' or unkey Response: 'Scan 9'

Example: I am in HF mode and need to enter a frequency

Enter: 1 29*600 '#' or unkey Response: '2 9 point 6 0 0 0 0'

Example: I am in HF mode and need to recall memory 15

Enter: 1 515 '#' or unkey Response: 'Look-up 15'

In all these example the format for data entry was:

<HF Prefix> <Command> <Addition Data if Needed> <# or unkey>

HF Frequency Entry:

The frequency is entered immediately following the HF prefix. There is no command to tell the controller to take frequency, simply no command means frequency. The controller will take frequency input from 1 mhz (1*00000) up to 999.99999 mhz (999*99999).

Typical HF remote base session:

HF Prefix is '1'

- 1) 106 D or unkey ; Enable HF remote mode
- 2) 1 29*68 # or unkey ; Move the HF remote to 29.680 mhz, VFO 'A'
- 3) 1 0 # or unkey ; Select VFO 'B'
- 4) 1 29*58 # or unkey ; Move the HF remote to 29.580 mhz, VFO 'B'
- 5) 1 5 # or unkey ; Select VFO 'A'
- 6) 1 8 1 # or unkey ; Select Split (Repeater Mode)
- 7) 1 2 # or unkey ; Go into transmit and receive mode
- .
- .
- .
- 1 3 # or unkey ; Cancel HF mode after communications are complete