

To enter different modes:

To enter set-up mode:

Select **MAIN*BAND** for desired band
Push **SET** to enter set mode
Push **LOW PRIO** to select item
Rotate **DIAL** for value/condition
Push **TONE DTMF** to exit

To enter the memory banks:

10 banks (A to J) vs. Regular memory 000 to 199
- Push desired band **[M/CALL•MW]** several times till you see Bank initial appear e.g. "A"
- Push **[MAIN•BAND]** for 1 sec. Till bank initial blinks
- Rotate the same band's **[DIAL]** to select the desired bank, A to J. Banks that have no programing are skipped.
- Push the **[MAIN•BAND]** to set the bank (initial stopes blinking)
- Rotate **[DIAL]** to select the contets in the bank
- Push **[MAIN BAND]** for 1sec, then momentarily again to set the change and return to regular memory.

Manually Entering Repeater values

Selecting the frequency:

Push **[V/Mhz•SCAN]** till you see the frequency with dashes like: **146.---** and multiple times to see select which digit to change. The use **[DIAL]** to select the frequency. Then **[V/Mhz•SCAN]** for 'setting the frequency'.
[Note: US version may auto set the correct offset & tone, if not continue.]

Selecting the +, -, or no Offset:

Press **[DIP * MON]** to switch between – offset "**Dup-**" & plus offset, "**Dup**" and no offset (no Dup showing)

Setting the Offset Frequency:

Push **[SET ,o]** several times till you see "**Dup**" blinking in the upper lf. & current offset freq.
Rotate **[DIAL]** to desired offset
Press **[TONE * DTMF]** to set & exit

Selecting Tone:

Push **[TONE * DTMF]** till "**T**" appears to turn on the tone (it defaults to 88.5).

Setting the Tone value:

Press **[SET ,o]** several times till you see the current tone and "**rE**" (lower Rt. Corner) . Then rotate band **[DIAL]** to the desired tone. Push **[TONE * DTMF]** to exit & set the new tone.

US Models only

To Use Cross Band Repeat Mode:

- Set the frequencies on both bands
(Receive on VHF on left e.g. 146.550,
Send UHF on right e.g. 444.525)
- * Press and hold **LOW** and **DUP** on the faceplate, then quickly press **SET** (above the right-side volume knob)
for two seconds, then let go of all 3 buttons
- Two flashing **LS** will appear on the display --
(the **LS** must be flashing)
- * To exit this function: press **SET** for two seconds

Turning on & off the Weather Report

- * Press **[M/CALL*MW]** till you see a **rCH-1** or 2 or... in the display. Then rotate the **[DIAL]** to select the weather channel appropriate to your area.

USA & General version Frequency Bands

Frequency	Left band	Right band
127	Available	Available
222	Available	Not-Available
375	Available	Available
500	Available	Available
900	Not-Available	Available

Call Channel Selection

Push **[M/CALL•MW]** till you see '**C1**' or '**C2**'
select **[DIAL]** select call channel

Enter / Program call Channel

Select the frequency & settings
Push **[M/CALL•MW]** for 1 sec.
Rotate **[DIAL]** to select the desired call channel
"**C1**" or "**C2**" blink.
Push **[M/CALL•MW]** for 1 sec. To program
(3 beeps sound & eht unite returnsn to VFO mode.)

Standard 2 Meter & 70 Cm bands

2 Meters: 144.0-148.0 MHz
70 CM : 420.0-450.0 MHz

Compiled by Martin Brossman
KI4CFS can be reached at
KI4CFS@toinquire.com

IC-2720 User Reference Guide

version: 3.0

*Produced by Ham's for
Hams! For personal use only
& not associated with ICOM
in any way. Just "Ham's
helping Ham's"*



Photo from ICOM website
<http://www.icomamerica.com/>

Copies can be found at:
<http://groups.yahoo.com/group/IC-2720/>
Or <http://www.toinquire.com/ham>

VFO Scanning

BAND symbol on the display should be on the left or right side

- Select VFO mode for left or right side
- Press **V/MHz*SCAN** for 1 second to start scanning
- Press SET until "**AL**" appears
- Press **V/MHz*SCAN** to stop scanning

Programming a memory channel

(Entering a frequency in 1 of 212 memory locations)

- Enter desired frequency & settings: offset/tone (see Manual enter Repeater value area)
- Press **M/CALL*MW** for 1 sec (3 beeps occur)
- Should see a blinking nMn in the lower rt corner with memory # & current frequency in that Men. #
- Rotate [DIAL] to memory channel (location) # you want to store the new frequency in.
- Press **M/CALL*MW** for 1 sec. to set (here 3 beeps & the memory channel will advance by 1.

Selecting a Memory Bank

- Press **M/CALL*MW** to switch into memory mode for the left or right side
- Press **MAIN*BAND** for 1 second
- Use the dial to select banks **A - J**
- Press **MAIN*BAND** to select the bank

Memory Bank Setting

- Press **M/CALL*MW** to switch into memory mode or the left or right side (see memory #, lower Rt.)
- Select the memory channel using the dial
- Press **MAIN*BAND** for 1 second ("--" blinks)
- Press **MAIN*BAND** again
- Press **M/CALL*MW** for 1 second and rotate the dial to the desired memory bank
- Press **M/CALL*MW** to set the memory channel into the displayed bank
- Press **MAIN*BAND** for 1 sec. & again to set next. Repeat to set another memory

To select a frequencies in a memory banks (10 banks A-J)

- Press **M/CALL*MW** to select memory mode on the desired bank
- Press **MAIN*BAND** for 1 second (Letter blinks N lower Rt.)
- Use the [DIAL] to select banks **A** through **J** (empty banks don't show)
- Press **MAIN*BAND** to select the bank (stops blinking)
- Use the [DIAL] to move through the frequencies In the selected bank
- Push **MAIN*BAND** for 1 second, then push **MAIN*BAND** again to return to regular memory mode

Locking out and unlocking a channel from bank A-J

- Make either the left or right side active by pressing the **MAIN*BAND** key for the appropriate side
- Select the frequency to be locked out
- Push **SET** to enter set mode
- Keep pushing **SET** until **CHS-On** or **CHS-OF** appears
- Use the **dial** (on the appropriate side) to toggle between on (**CHS-On**) and off (**CHS-OF**)

Press **TONE*DTMF** to exit setup mode

Changing to "bank scan" from regular "memory scan" and back again

- Press **M/CALL*MW** to select memory mode on the desired bank
- Press **MAIN*BAND** for 1 second
- Use the dial to select banks **A** through **J**
- Press **MAIN_BAND** to select the bank
- Press and hold **V/MHz*SCAN** for one second to start scanning

Press **V/MHz*SCAN** again to cancel the scan

Memory Channel Scanning

- Select memory mode for left or right side
- Press **V/MHz*SCAN** for 1 second to start scanning
- Press **V/MHz*SCAN** to stop scanning

Programming Scan Edges

- Select frequency in VFO mode on left or right side
- Press **M/CALL*MW** for 1 second
- Use the dial to select **1A, 2A, 3A, 4A** or **5A**
- Press **M/CALL*MW** for 1 second to store frequency
- Repeat to store the other scan edge in **1B, 2B, 3B,4B** or **5B**

BAND Edge Scanning

BAND symbol on the display should be on the left or right side

- Select VFO mode for left or right side
- Press **V/MHz*SCAN** for 1 second to start scanning
- Press SET to switch between full VFO scanning and scan edges (**P1, P2, P3, P4, P5**)
- Press **V/MHz*SCAN** to stop scanning

Microphone controls

Muting the entire radio

Press: **MUTE SQL ▲D** **FUNC +**

Activating /De-activating

DTMF Tones

Press: **DTMF-S** Off: **DTMF-S**
FUNC+

Starting and stopping scanning

Press: **T-SCAN SCAN2**

Increasing audio output level

Press: **TONE-2 VOL▲0**

Decrease auto output level

TONE-I VOL▼*

Compiled by Martin Brossman KI4CFS can be reached at KI4CFS@toinquire.com

All rights give to distribute FREE & for personal use ONLY! This may not be sold!

© 2004 Version 1.1

Special thanks to all the contributors, to name a few: David KC5GGE who wrote most of the sequences &; Dave NØRQ; Chris KG4YEX