DockSide Radio

1368 Willet Court
Punta Gorda, FL 33950

Programming the Icom-M802 & the Hidden Dial Mode

To reprogram any of the User Group Channels it is first necessary to put the M802 in the "Open/dial Mode" not discussed in early documentation. In addition to being necessary for reprogramming any of the user Group Channels, the dial makes it possible to tune the radio like a regular AM or ham radio. Here's how to put the radio into the Open Dial mode, and reprogram the User Group Channels with new frequencies::

	Step	Instruction	Dial Display Change
1.	Put the radio into the OPEN mode.	With the radio turned off hold down the **2, mode,** and **TX** keys at the same time, and turn the radio on.	Normal dial display. The M802 doesn't indicate if it's in the OPEN or CLOSED modes.
2	Enter Open/dial Mode	Press the **CLAR/RX** button. If the radio is in the open mode, a caret symbol { ► }will appear next to the RX on the top line of the LCD display, the channel label will be replaced with the frequency and mode currently stored in the selected memory location, and a cursor (underline) will be under one of the numbers. If the cursor and { ► }are not there the radio is in the closed mode. Repeat steps 1, & 2.	8152.**0**
3	Selecting a Frequency	Turn the **left knob** until the cursor is under the number in the column you want to change.	**8**152.0
4	Selecting a Frequency	Turn the **right knob** left or right until the desired number in the selected column displayed (in this example 14 MHz).	**14**152.0
5	Selecting a Frequency	Turn the **left knob** clockwise to move the cursor to the next column you want to change (in this example the 100KHz column).	14**1**52.0
6	Selecting a Frequency	Turn the **right knob** left or right until the desired number in the selected column displayed in the 100 KHz column (in this example 3).	14**3**52.0
7	Selecting a Frequency	Turn the **left knob** clockwise to move the cursor to the next column you want to change (in this example the 10KHz column).	143**5**2.0
8	Selecting a Frequency	Turn the **right knob** left or right until the desired number in the selected column displayed in the 10 KHz column (in this example 1).	143**1**2.0
9	Selecting a Frequency	Turn the left knob clockwise to move the cursor to the next column you want to change (in this example the 1KHz column).	1431**2**.0
10	Selecting a Frequency	Turn the right knob left or right until the desired number in the selected column is displayed in the 1 KHz column (in this example 3).	1431**3**.0
11	Transmit & receive on the new frequency	Press and hold the ENT key. When the caret symbol { ►} disappears, the LCD display reverts back to showing the channel label, and SIMP is displayed on the top line, the new transmit and receive frequency and mode has been stored. In this example the radio will transmit and receive on 14.313 MHz.	The SIMP displayed on the first line of the LCD indicates the transmit and receive frequencies are the same.
12	Returning to Channel Mode	Pressing the FREQ/CH button toggles the radio back and forth between the channel mode and frequency mode..	

Note: It is not necessary to set each column individually. Put the cursor under any of the columns and rotate the right-hand knob, tuning the radio as you would a regular AM / FM radio. Remember, the leftmost column is MHz and the rightmost column is 100 Hz. The farther to the right a column is, the finer the tuning increment.

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Serving Boaters Coast to Coast

Programming <u>Simplex</u> Frequencies into User Channel Group

Step	Instruction	What's Happening
1	Press the **Freq/CH** button to put the M-802 into the *Channel Mode* if necessary.	With each press of the CH/Freq button the LCD display will toggle back and forth, displaying the selected radio channel, and with the next press displaying the frequency stored in that radio channel.
2	Select the channel you wish to program by turning the large right-hand knob (channel selector knob)	The channel selector knob selects channels within a *Channel Group.*
3	Press the **CLAR/RX** button	You will see a { ▶} on the upper line of the LCD display.
4	Enter the desired frequency using the **keypad**, or dial it in if the M0802 ins in the Dial Mode.	You are selection the new receive and transmit frequency.
5	Press and hold the **ENT** key.	Stores the new RX & TX frequency and mode for this radio channel into the M-802's permanent memory. The caret symbol { ▶} disappears, the LCD display reverts back to showing the channel label, and SIMP is displayed on the top line.

Programming <u>Duplex</u> Frequencies into User Channel Group

1	Store the receive frequency following steps 1 through 5 above.	Writes the receive frequency into memory
2	Press the **TX** key	LCD display changes to the frequency mode and TX flashes.
3	Enter the transmit frequency with the keypad.	
4	Press and hold the **ENT key.**	Writes the transmit frequency into memory. The LCD display reverts back to showing the channel label and DUP replaces SIMP on the top line.

Adding Names/Labels to Your Channels

Step	Instruction	What's Happening
1	Press the **Freq/CH** key if necessary.	Put the M-802 into the *Channel Mode* if necessary.
2	Press the "F" (Function button)	Enable the function mode.
3	Press the **Freq/CH**	The leftmost character position becomes active
4	Rotate the right-hand **Channel Selector** knob to select the first character position.	Rotating the channel selector knob selects the character position where you want to enter a letter or number.
5	Using the keypad, enter the desired character.	
6	Rotate the right-hand **Channel Selector** knob to select the next character position.	Move to the next character position.
7	Using the **Keypad**, enter the next character.	
8	Continue with steps 6 - 7 until you have either completed the channel label, or all eight positions are filled.	The maximum channel label size is eight characters.
9	Press **ENT** when finished.	Writes the newly entered channel label into the radio's permanent memory.

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