

DockSideDSR Radio

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Up

M710 Channel Guide

Programming an Icom M710

Virtually all SSB communications are conducted using the frequency and mode data stored in the 160 radio channels/memory locations in the User Channel Group. Any or all of these 160 User Memory Channels can be reprogrammed either manually, or by computer. Here's how to manually reprogram a User Channel:

There are two large knobs, a keypad, and a Mode button on the front of the radio. These are the tools used to reprogram frequency and mode data in the radio.

- ⦿ The large **left-hand knob** is the **Group Channel Selector knob**. Use it to select the channel group you want to use.
- ⦿ The **right-hand knob** is the **Channel Selector knob**. Use the Channel Selector knob to select a radio channel within a selected Channel Group.
- ⦿ The **CH/Freq keypad key** toggles the radio LCD dial display between Channel and Frequency.
- ⦿ The **Mode button** selects USB, LSB, H3E, etc., modes. **Note: ALL marine SSB communications are conducted in the USB mode.**

Programming the M710 is a three-step process:

- Step-1: Program the Receive Frequency.
- Step-2: Program the Transmit Frequency.
- Step-3: Rewrite the channel name/label.

M-710/710RT Programming:

Program the Receive Frequency

1. Turn the radio on.
2. Rotate the **Group Channel Selector Knob** until you have found the User Channel Group.
3. Turn the **Channel Selector Knob** to the radio channel to be programmed.
4. Press & release the **CH/Freq** keypad button until the LCD display shows frequency.
5. Press the **CE** keypad key. A caret symbol { ▶ } will appear on the top line of the dial LCD display.
6. Press the **MODE** button until USB (J3E) mode shows on the LCD display.
7. **Enter the new receive frequency** using the keypad.
8. Press and hold the **RX** keypad key until the caret disappears. The new receive frequency is now stored.

Program the Transmit Frequency

1. Press the **TX** keypad key. "TX" will flash on line two of the dial LCD.
2. Press the **CE** keypad key. A caret symbol { ▶ } will appear next to of the flashing "TX".
3. **Enter the new Transmit frequency** (the same as the receive frequency for simplex) using the keypad.
4. Press and hold the **TX** keypad key.
5. Press and hold the **TX** keypad key again. The new transmit frequency is now stored.

Rewrite/update the Channel Name/Label

1. Press the round **FUNC** button on the front of the radio, then press the **CE** keypad key (the channel name will flash).
2. Rotate the **Group Channel Selector Knob** to place the cursor beneath the character to be changed/written
3. Turn the **Channel Selector Knob** clockwise/counterclockwise to display the desired alphanumeric character.
4. Rotate the **Group Channel Selector Knob** to select the next character to be changed/written.
5. Repeat steps 2, 3, 4 as needed.
6. When finished with the label, press and hold the **RX** keypad key until the channel name/label stops flashing.

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Programming a frequency

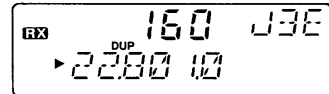
The IC-M710 has up to 160 user-programmable channels each with channel name capability of up to 7 alphanumeric characters.

NOTE: ITU simplex channels can be programmed as well as user channels. However, transmit frequencies cannot be programmed (not necessary to program).

Receive frequency

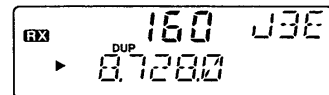
- ① Select the desired user channel to be programmed.
 - Channels 1 to 160 (maximum) are programmable.
- ② Push [CE] to select frequency selection mode.
 - "►" and frequency appear on the display.
- ③ Enter the desired frequency via the keypad with 5 or 6 digits.
 - Or rotate the [CHANNEL] selector to change the frequency.
- ④ To change the operating mode (type of emission), push [MODE] one or more times.
- ⑤ Push and hold [RX] for 1 sec. to program the user channel.

Push [CE]



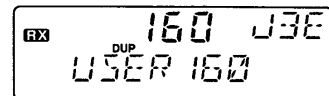
Frequency and "►" appear.

Set frequency.



Use keypad or channel selector.

Push and hold [RX].

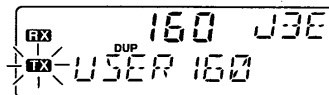


Programming is completed.

Transmit frequency (Not applicable for General versions)

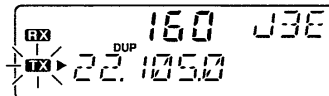
- ① Select the desired user channel to be programmed.
- ② Push [TX].
 - "TX" blinks.
- ③ Push [CE] to select frequency selection mode.
 - "►" and frequency appears on the display.
- ④ Enter the desired frequency via the keypad with 5 or 6 digits.
 - The [CHANNEL] selector cannot be used.
 - Refer to p. 23 for programmable frequency range (frequency coverage, transmit).
- ⑤ Push and hold [TX] for 1 sec. to program.
- ⑥ Push [TX] to clear the "TX" blinking.

Push [TX].

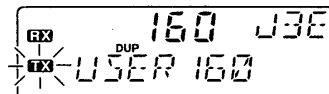


"TX" blinks.

Push [CE]



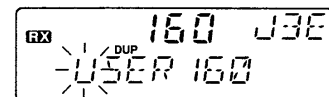
Push and hold [TX] after entering a frequency.



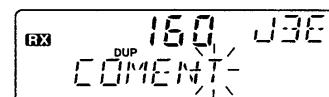
Channel name

- ① Select the desired user channel to be programmed.
- ② Push [CH/FREQ] to select channel indication.
- ③ Push [FUNC] then [CE].
 - The channel name (alphanumeric) readout blinks.
- ④ Rotate the [GROUP] selector for cursor position and the [CHANNEL] selector for the message contents.
 - To return to the previous message, push [CE].
- ⑤ Push and hold [RX] to program the message.
 - Blinking stops.

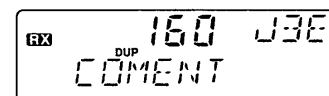
Push [FUNC] then [CE]



Rotate [GROUP] and [CHANNEL] to select cursor and character.



Push [RX].



• Available characters: 0 to 9 A to Z (space) ' ' * + - / \ = > 0

Channel name programming is inhibited on some versions.