

## Icom M700Pro Programming Instructions

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 channel group A, B, C.
- ❖ The right-hand knob is the *Radio Channel /Memory Location Selector* knob. Use the Channel Selector knob to select the desired radio memory/channel (1-50) to be programmed.
- ❖ The *CH/Freq* keypad key toggles the radio between the Channel and VFO Mode.
- ❖ The Mode button selects USB, LSB, H3E, etc., communications modes. *Note: ALL marine SSB communications are conducted in the USB mode.*

### M-700Pro - Programming the "Simple" version of the M700Pro (shipping since 12/2005):

1. With the radio in the CHANNEL MODE, rotate the **Group & Channel Selector Knobs** to select the radio channel Group (A, B, C), and memory location (0-50) you wish to program.
2. Enter the desired 5-6 digits of the desired frequency. A caret symbol {▶} will appear on the LCD display while entering the frequency numbers.
3. Press and hold the **ENT** keypad key. The dial LCD display will show "Simplex", the radio will beep twice, and the caret {▶} will disappear when your entry is stored. *Note: The M700Pro assumes you're programming a simplex frequency. It automatically programs the transmit frequency with the same value stored as the receive frequency. It is not necessary to program the transmit frequency separately unless you wish to enter a "duplex" frequency pair.*
4. To enter a transmit frequency that's different from the receive frequency (duplex frequency pair), after storing the receive frequency (steps 1-3 above), enter the transmit frequency, then press and hold the "T Only" key. The SSB's LCD dial display will show "Duplex", the radio will beep twice, and the caret {▶} will disappear, when the new transmit frequency is stored.

**Note: If your M700Pro keypad is not enabled, try the following:**

With the 700Pro turned off, simultaneously hold down the "**T Only**" Key and the

**"ENT" Key** while pressing the **Power On/Off button**. If this does not enable the keypad, then make arrangements to take/ship your M700Pro to an Authorized Icom dealer like DockSide Radio, who has the software & hardware needed to reprogram the radio and activate the keypad. Note: *Dealers may charge for this service, so ask before engaging them.*

## M-700Pro - Programming the "older" (pre 12/2005) (Model 24):

There are at least two earlier versions of the M700Pro that program differently, or cannot be programmed unless "opened up" by an Authorized Icom Dealer. To program the more recent version of the older versions:

1. Turn the **Radio OFF**.
2. With the radio off, simultaneously hold down the **MODE** and **SQUELCH (SQL)** buttons while **turning the radio on**. This activates the 10-key keypad and puts the radio into the *"extended frequency mode"*, permitting it to transmit on both amateur radio and ham frequencies.
3. Select the "A", "B", or "C" Memory Mode/User Group with the **Group Channel Selector Knob**.
4. Press the **CH/Freq** keypad button to put the radio into the Channel Mode. Select the radio memory location/radio channel to be programmed.
5. Press the **CH/Freq** keypad button to get into the Frequency mode.
6. **Enter the new frequency** using the keypad.
7. Check to see that the correct **MODE** is showing.
8. Press and hold the **ENT** key until you hear two beeps from the radio's speaker (Hint: keep the volume turned up so you'll be sure to hear the beeps).
9. The LCD display on the radio will display the newly programmed frequency and show SIMP (simplex) on the screen. *It is not necessary to program the receive and transmit frequencies separately when programming the M-700Pro unless you wish to enter a "duplex" frequency set. The M-700 Pro "assumes" that you're operating "simplex", and that the desired transmit frequency is the same as the receive frequency.*

Note: The M-700Pro must be manually set to the Extended Frequency mode each time it is turned on.  
The Group Channel Selector knob tunes the radio in 1-KHz steps, and the Channel Selector now tunes the radio in 100 cycle increments when the Extended Frequency mode is enabled.

The original M700Pro's sold during the 1990's were shipped with the keypad deactivated. If you have one of these "vintage" M700Pro's, make arrangements to take/ship your M700Pro to an Authorized Icom dealer like DockSide Radio, who has the software & hardware needed to reprogram the radio and activate the keypad.

Note: There are no obvious identifying marks, labels, or model designations to assist in determining one version of M700Pro from another. *Dealers may charge for this service, so ask before engaging them.*

*Sales of the M700Pro were discontinued in the US on 12/16/2010*