# Yaesu FT-70D Cheat Sheet



## Lock/Unlock the Keypad
Press **[PWR]** momentarily to toggle between **LOCK** and **UNLOCK**

## Setting the Transmit Power Level
Press **[F]** momentarily then **[1/TX PO]** and rotate the **[DIAL]** to set the power output **LOW- 0.5 W**, **MID– 2 W**, **HIGH- 5W.** Press **[PTT]** or **[F]** to save the setting

## Check Battery Voltage:
Access **SetMenu (**Press and hold **"F",** rotate **[Dial])** to **12 DC VLT** t o display the batter voltage.
*Press **[PTT]** to check voltage drop while transmitting.*
Press **"F"** for 1 sec to return to normal operations.

## Direct Keypad Frequency Entry
Press **[V/M]** to select **VFO** mode
Enter Frequency

## Tuning Dial to set the Frequency:
1. Go to **VFO Mode** (Press **[V/M]** to select **VFO Mode**)
2. Rotate **[DIAL]** to change frequency
*To change the frequency in 1 MHz steps, press **[F]** to enter **MHz tuning mode***
3. Press **[F]** again to exit **1 MHz mode**.

## Verify repeater Shift (Offset) Direction:
*Normally, when ARS (Automatic Repeater Shift) has been enabled, via **SetMenu 45 RPT.ARS**, the transmit offset frequency and direction for the 2M and 70CM bands is automatically set.*
After setting the repeater output frequency, check the top of the display and verify that the offset direction is correct, **- or +** (neither for simplex).

## Setting the repeater Access Mode and Tone:
1. To be able to set the tone mode, press **[F]** and the **[5/SQ TYP].**
2. Rotate **[DIAL]** to select one of the following;
    **OFF** – Don't transmit any tones or codes

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> **TONE** – Enables sending the repeater access CTCSS (Continuous Tone-Coded Squelch System) tone
>
> **TSQL** – Sends the CTCSS tone and activates CTCSS tone squelch
>
> **DCS** – Transmit a DCS code. (Digital Coded Squelch)

3. Press **[PTT]** of **[F]** to save setting and exit the squelch type menu.
4. To set the **Tone Frequency** or **DCS Code**, press **[F]** and the **[6/CODE].**
5. Rotate **[DIAL]** to select a tone frequency or a 3-digit DCS code.
6. Press **[PTT]** or **[F]** to save setting and exit the code menu.

## Recall Memory Channel:
**VFO Mode** – press **[V/M]** to enter memory mode (channel number showing)
**Memory Mode** – Rotate **[DIAL]** to select the desired memory channel.

## Labeling memory Channels:
1. After saving frequency to a memory channel
2. Recall the memory to be named
3. To create a label, rotate **[DIAL]** or use keypad to enter characters (Press **[MODE]** to back up and **[BAND]** to advance, pressing **[GM]** erases all characters after the cursor).
4. When complete, press **[V/M]** for **1 sec** to save the label.

## Storing Frequencies Into Memory
1. Enter Frequency
2. Press **[V/M]** to select **VFO** mode
3. Enter the frequency via the keypad by pressing 6 digits in sequence.
4. Press **[V/M]** for 1 Second to enter the Memory Storage Mode, "**F**" icon and the next available "empty" memory channel number will be displayed and blinking.
5. Rotate **[DIAL]** to select a memory channel to be used for storage.
6. Press **[V/M]** to save

## Assign channel to a Memory Bank:
1. In Memory Mode mode, recall a channel to be assigned to a memory bank.
2. Press and hold **[V/M]** for 1 sec, rotate **[DIAL]** to select a memory bank, select Ban.
3. Press [**V/M]** to save channel number to the selected memory bank

## Recall Memory Channels in Memory Bank Mode:
*In Memory Bank Mode, memory channel selection is limited to channels assigned to the selected Memory Bank*
1. In **VFO Mode**, press **[V/M]** to enter **Memory Mode**.
*Pressing **[BAND]** toggles between **Bank Mode** and regular channel mode.*
2. To select a different Bank, press **[F]** and the **[BAND]** and the rotate **[DIAL].**
3. Once the desired bank has been selected, press the **[BAND]** key again.
4. Now rotate **[DIAL]** to select channels assigned to the selected Bank.

## Exiting Memory Bank Mode:
Press **[BAND]** to exit Bank mode, returning to normal **MR** mode.

## Displaying Memory Names:
Press **[F]** and then press **[MODE]** to alternate between displaying frequency or memory channel label.
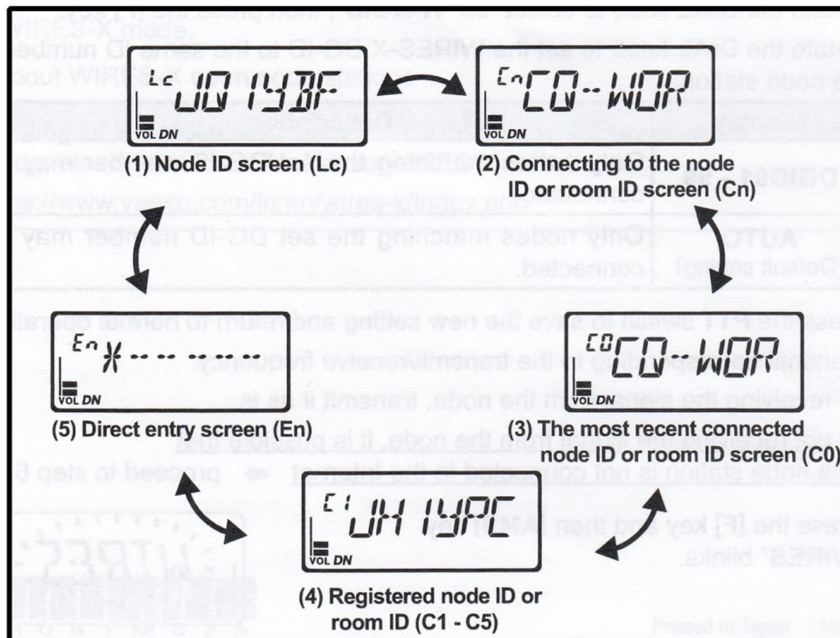
## Clearing Memory Channel:
1. Press **[V/M]** to enter memory mode then press **[V/M]** for **1 sec**.
2. While **"F"** Is blinking, rotate **[DIAL]** to select memory to be erased.
3. Press **[AMS]**, and when **"M-MSK?"** Is displayed, press **[AMS]** again.


## Activating Wires-X:

1. Press **[F]** to and then press **[AMS]**. You will see this screen:


2. After you see  " on the screen, rotate **[DIAL]** to select your desired

   Wires option as shown in this screen:



(1) Node ID screen (Lc)

(2) Connecting to the node ID or room ID screen (Cn)

(5) Direct entry screen (En)

(3) The most recent connected node ID or room ID screen (C0)

(4) Registered node ID or room ID (C1 - C5)

3. Rotate **[Dial]** to select from the above options and then push **[AMS] to pick it**.
4. To exit Wires-X mode push the **[Mode]** button for longer than 1 second.

## Storing Wires-X Memory Channel:
1. While in the Cn Screen, press and hold a number key from **[1-5]** to enter that room into a memory slot.
2. Entering a Wires-X room into 1 of the 5 Wires-X memory channels that already has an entry will cause the previous entry to be overwritten.