

Ham 127 – ICOM 2730 an icon how to
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1. **ICOM 2730** is the preferred VHF/UHF mobile-base radio, with high performance, ease of use, and competitive cost.
2. **Two (2) receivers** can be selected for transmit by [Main Band] button on top left or right. Screen indicates selection.
3. **On/Off** button is top row left side, next to [Main Band]. **Mute** the speaker with a short push.
4. **Volume** knob is independent for left and right receivers with each location next to the screen.
5. **Squelch** for each is on bottom row, first small knob from left and right. **Signal strength** bar is on bottom of screen.
6. **V/MHz** selects Variable Frequency Oscillator (VFO) mode. Rotate Dial to change Frequency. Push for 1MHz tuning.
7. **MR Call** is Memory Recall. Rotate Dial to select Memory channel, shown by bar. **Weather Channels** click again.
 - a. Call Channel mode by holding down 1s. Rotate dial to mode. Frequently used channels are set for quick access.
8. **Dial** knob rotates to show options or frequency with the large characters on the screen.
9. **Main** selects main band. In VFO, hold for 1s to select Operating Band. In MR, hold for 1s to select Memory bank.
10. **MONI DUP** monitors (opens squelch) without changing the setting. Hold down 1s for duplex offset direction setting.
11. **LOW** selects the power levels of Low, Mid, High. Low and Mid display on the screen above the signal bar.
12. **DTMF** dual tone multi frequency enters code entry mode. It is to set up repeater access. Rotate Dial for changes.
13. **MW** memory write: [VFO] > select freq > MW blinks > Rotate to CH SEL > Channel > Write > Yes? > [VFO]. [MW] shown by .
14. **MENU** has 15 options. Two commonly used examples illustrate all choices.
 - a. **Tuning Steps** change by clicking: [Main] > [Menu] > Rotate to TS > Freq step > [Main].
 - b. **Mic Gain** change by clicking: [Main] > [Menu] > Rotate to Mic G > Gain level > [Main].
15. **MENU options** include Tone, Freq offset, Repeater tone, TSQl freq, DTCS code, DTCS polarity, Backlight, Priority scan, Pause timer, Resume Timer, Weather alert, Operating mode, Home channel and EX MENU. These are tedious.
16. **EX MENU** is Extended with myriad options including SCAN setup.
 - a. **Display Name:** [Menu] > Rotate to EX MENU > Disp > Enter name > Off=frequency or On=name > [Main].
17. **Cross-Band** repeater requires setting both VHF & UHF frequencies first.
 - a. **First time:** [Main1]+[Main2]+[Moni]+[Power]. Cross-band is now in menu.
 - b. **Cross-Band:** [Menu] > Rotate to EX MENU > Others > RPT-M > Start > Yes > rPt displays below frequencies > [Main].
 - c. **Exit:** [Menu] > Rotate to Yes > [Main].
18. **HM-207** microphone has normal 3x4 DTMF plus many of front panel selections.
19. **Chirp** software with cable is best to set-up commonly used frequencies or options.
 - a. Power Supply requires 13.8 Volt, 13 Amp or use in vehicle.
 - b. Antenna is 50Ω, SWR <3:1. Test with meter before using.
20. Life is good. Enjoy!

