

FUSION CHEATS

Hidden Fusion Radio Features

A K9EQ Brief Brief

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“CHEAT” CODES

Yaesu radios can be set to different modes or have different options turned on or off by pressing and holding certain buttons as the radios are turned on. Some of these codes are “officially” published while others are not. A good example of these “cheat” codes are those that are used to enable or disable remote WiRES-X access to the radio.

Many of the cheat codes work on more than just one radio. If you have a radio that’s newer than the ones listed here, these codes may work anyway. Unpublished useful cheat codes are summarized in this document.

Cross-Band Repeat

The dual-band radios are capable of limited cross-band repeat. One band is set to VHF, the other to UHF, then cross-band repeat is enabled. A signal on either band will cause the radio to repeat the signal on the other. Note that this only works with FM because audio filters in the radio prevent the effective relay of digital signals. Cross-band repeat is available on the FTM-300, FTM-400, and FTM-500. Suitable frequencies should be protected with DCS or CTCSS. It may also be desirable to tighten the squelch a bit to prevent unwanted transmissions. To enable cross-band repeat, follow these steps:

1. Using the main band, program or select a suitable VHF simplex frequency.
2. Using the opposite band, program or select a suitable UHF simplex frequency.
3. Turn the radio off.
4. Press the GM, F(Func), and DISP buttons while turning the radio on.
5. The radio may indicate “X-RPT” in the display and is now in cross-band repeat.
6. To disable cross-band repeat, repeat steps 3 and 4.

FTM-500 note: This radio will repeat DN onto FM. To enable this set the channel mode to DN or DN with AMS on (flashing bar above the DN).

Voltage Display

The newest radios, the FTM-200 and FTM-500, no longer show the supply voltage on the display. I don’t know why. A really bad move in my opinion. Fortunately, you can TEMPORARILY enable the voltage display with a cheat. Sadly, the voltage display is cancelled when the radio is turned off! To enable the voltage display, follow these steps:

1. Turn the radio off.
2. Press and hold the F(Func) and GM buttons while turning the radio on.
3. The voltage display will be cancelled when the radio is turned off.

