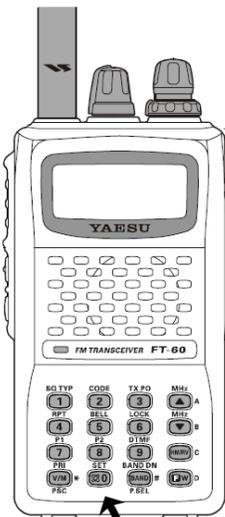


Turn Off Yaesu “Wires”!

by Madeline Lombaerde, KD6JTU

So, you bought yourself one of those nifty new Yaesu radios. With excitement you prepare to check in to the SCARES net using your new HT. What? Net Control just said “Nothing Heard”! Or, “Relay, did you get anything?”. “Nothing, but it sounds like the station has ‘Wires’ turned on. Station trying to check in, turn off wires and try again.” Again, you key up, give your call sign and ... What???? They still can’t hear me?

Some of the newer Yaesu HTs have a feature commonly known as “Wires” ... the manual may explain it under the heading of “Internet Connection Feature”. In this article, the Yaesu VX-7R and FT-60R HTs are discussed. You may have a different model, but hopefully this will help you finally turn off that blankity-blank wires feature.



Press to turn wires on or off
0 (SET)

On the **FT-60R**, the key that is used to turn on wires is the “0 Set” key, located on the bottom row, second from the left. Press it momentarily to turn wires on (or off). You might do this by accident if you want to enter Set mode and forget to first hit F/W key.

You can tell wires is on if the symbol appears in the top right corner of the display.



In the **FT-60R** manual, page 49:

“With the Internet Connection feature activated { ... }, the **FT-60R** will generate a brief (0.1 second) DTMF tone according to your selection in step 2. This DTMF tone is sent at the beginning of every transmission to establish or maintain the link to the local **WIRES™** node operating in the SRG mode.”

When your radio sends out the DTMF tone, it simultaneously mutes your voice audio (or lowers it significantly). That’s why Net Control and the rest of the Net can’t hear you! When you are saying your call sign, the radio has muted or lowered your voice signal.

So, to turn off wires, hit that 0 SET key or TX PO LK key once (don’t hold it!) and look at your display. The symbol should go away and you should be back in Memory Recall (MR) or at least VFO mode. (Hopefully you have the SCARES repeater and simplex frequencies stored in memory!)

Your Yaesu HT may be slightly different, but this should help you find your way to locating the instructions in the manual for turning off wires.

As a last resort, if you can’t figure out how to turn it off, wait at least 3 seconds after pressing the PTT button before you start to speak. This allows enough time for the DTMF tone, the voice audio to increase to normal level, for the repeater to pick up: then you can talk. Keep in mind, though, it’s annoying for listeners to hear the tone and wait for you to speak. Learn how to turn off the feature. And learn out to lock your key pad ... it’s an important feature to use. ♦

On the **VX-7R**, the key that is used to turn on wires is in the lower left hand corner of the pad, next to the “7” key. It is the “TX PO LK” key and looks like this:



Bottom Left Key, to left of “7”



This is the same key used to lock and unlock the key pad!

If you hold the key for 2 seconds, it locks the key pad.

If you press it just once (or accidentally touch it while holding the radio), it turns wires ON.

You can tell wires is enabled if you look at the top left of your display and see the following symbol:



In the **VX-7R** manual, page 67:

“With the Internet Connection feature activated [...], the **VX-7R** will generate a brief (0.1 second) DTMF tone according to your selection in step 2. This DTMF tone is sent at the beginning of every transmission to establish or maintain the link to the remote **WIRES™** repeater.”

FT-60R Manual

- Key pad page 1
- Wires page 49
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VX-7R Manual

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