

FTDX-9000 (all models)

4Khz Transmit Bandwidth (by NA1A)

There is a secret "Power On" function built into the FTDX-9000 that allows the rig to transmit from 50Hz to 4Khz. How you do that is push and hold the two little buttons that are labeled **AFL** & **ACM** and turn the rig ON. These two little buttons are located right below and to either side of the **SHIFT/WIDTH** control. Once done successfully, when you check menu 077 (in PEP updated rig, menu 070 in non-PEP rig) for the TX Bandwidth, you should see **TTBF** instead of 3000WB. If you still see 3000WB, that means your little power ON "mod" is not done right. Ya gotta do it again.

I program my **CS** button to take me directly to this menu so if I need to change the TX bandwidth in a fly, I just hit the CS button and it'll prompt me right to it and change the BW quickly. This is one of the neatest features of this rig since slice bread :)

As a side note, I recommend using the receive audio out of the **AF OUT** jack on the back of the rig instead of the External Speaker jack. Audio is much flatter from this jack. However, since the audio output is a constant low level, you'll need an audio amplifier to drive it up to normal listening volume.

In my shack, I use a Marantz integrated stereo audio amplifier to amplify the audio and drive the two Polk Audio loudspeaker system. Regarding the receiver bandwidth, the WIDTH control on the rig acts as a bandwidth adjustment. For hi-fidelity audio reception, I recommend you turn this knob fully clockwise. You'll see that it will say BW 4Khz on the display.

Now that you've gotten all this mastered, lets hear Da VooDoo audio outta dat 9000!

By NA1A

<http://pages.sbcglobal.net/na1a/VooDoo/90004KMod.htm>