

First, even before EQ'ing, it's very important that your ALC is set to peak at 1/4 to never much higher than 1/2, for clear audio (the FT-891 gets wacky above 1/2). You'll want to adjust the ALC after EQ-ing, and watch it between band changes, as my levels change. I have not installed the most recent Yaesu FT-891 update, per this writing, so I cannot say if this has changed.

Next, I prefer Menu 11-09 TX bandwidth set to the stock setting of 300-2700 for DX, or for rag chew, set to that or 200-2800. There isn't a lot of difference, but the 2nd choice adds a bit more bass and clarity for those rag chews with better machines on the other end.

As for EQ, notice that Yaesu gives you 2 EQ lists. One is for compression when on (menu 15-10), and the other when off (15-04). I roll-off all lows below 300Hz. This is very important Also, I leave Compression (PRC in quick menu, set to my preference, between 25 to 50) on all the time. I find that for DX, I want the compression around 10 to 15%, max. For local stuff, around 5-10% (or less) is fine. These settings ONLY work if you are using compression (PRC highlighted)

Next, we're looking at the longform menu P-EQ1 settings, starting with Menu 15-10 (settings for compression ON):

P-EQ1 FREQ 300 (adjust the low bass freq center point in Hz)

P-EQ1 Level -15 (adjust how much you add/subtract from low bass setting)

P-EQ1 BWTH 8 (adjust the bandwidth area covered by low bass frequency peak)

P-EQ2 FREQ 1300 (adjust mids frequency center point in Hz)

P-EQ2 Level 8 (adjust how much you add/subtract from the mid setting)

P-EQ2 BWTH 8 (adjust the bandwidth covered by mids frequency peak)

P-EQ3 FREQ 2300 (adjust the highs freq center point in Hz)

P-EQ3 LEVEL 10 (adjust how much you add/subtract from the highs setting)

P-EQ3 BWTH 8 (adjust the bandwidth covered by the high freq peak)