

# SETUP INFO FOR W2IHY 8 BAND EQ, EQ PLUS, and Yaesu FT-1200 and FT3000 (PR40/PR781/RE27)

1. Turn the microphone Equalizer in the radio off (See page 67 in your manual)
2. Turn the SSB Speech processor off (See page 68 in your manual)
3. Set Menu 104 (SSB TX band pass Filter) to 100-3000 (Hz)

## 8 Band EQ

50 Hz = +14 dB  
100 Hz = +6 dB  
200 Hz = 0 dB  
400 Hz = -4 dB  
800 Hz = -4 dB  
1600 Hz = +10 dB  
2400 Hz = +12 dB  
3200 Hz = + 14 dB

## EQ PLUS

Set the following:

Equalizer switch on

Bass = 0 dB approx 12 o'clock

Treble = +8 dB second line clockwise from 12 o'clock Mic impedance 600

Mic power off

Comp 10:00

**Effects** Delay 10:00

**Effects** Level 12:00

Effects off

DE Level - see adjustment further down

Expander - leave off for initial settings, then turn on when you adjust DE Level

Output level. Leave at 1:00 for now.

Talk into the mic without keying up and adjust MIC OUT on 8 band EQ until you get to -6 level on limiter meter on EQ Plus (leave audio input gain at 9:00). You should be lighting up one or two yellow segments and the red occasionally.

Next, put the radio's meter on ALC. Key radio and talk. Adjust OUTPUT on EQ Plus until you get to right edge of ALC scale on voice peaks. Then back off on the EQ's output level until the output power starts falling off. (**you want the minimal ALC movement for the output power you are trying to get.**)

Turn downward expander switch on EQ Plus on. Plug headphones into the radio and set the radio monitor on. Key radio and adjust monitor level on radio to comfortable level. Turn DE LEVEL on EQ Plus clockwise until background audio mutes. Do not adjust too far or the audio will get choppy.

Put the effects toggle switch on 1. And adjust the delay and level controls