

SETUP INFO FOR W2IHY 8 BAND EQ, EQ PLUS, and ICOM 7700 and ICOM 7800.

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ICOM 7700/7800 Radio Settings

Set the radio for the following settings:

bass +3

treble +2

comp off/wide

SSB tx bw wide 100 Hz - 2900 2900 Hz

Mic gain on radio at 10 o'clock

8 Band EQ

50 Hz +8

100 Hz +4

200 Hz -6

400 Hz 0

800 Hz +0

1600 Hz +0

2400 Hz +4

3200 Hz +8

Noise Gate off

Mic impedance 600 Ohms (on bottom)

Turn switch on right to ON position to enable EQ.

Use a good pair of headphones and plug into the monitor on 8 band EQ. Turn monitor volume up
Turn MIC IN fully counterclockwise. Adjust MIC IN (on bottom) to the point where the audio level comes back up but don't go too far, otherwise your mic will pick up excessive background noise. The RED LED above the on/off switch should NOT blink. If it does, turn the MIC IN counterclockwise to reduce mic input level.

I'll cover the setting of the MIC OUT under the EQ PLUS setup.

EQ PLUS

Set the following:

Equalizer switch on

Bass at 1 o'clock position (between line at twelve o'clock and first line clockwise)

Treble at 2:30 position

Mic impedance 600

Mic power off

Gain 9:00

Comp 9:30

Delay 10:00 o'clock

Level 12:00 o'clock

Effects off

DE Level - see adjustment further down

Leave two top switches on EQ Plus (EQ and DE/Comp) off (down) for initial adjustments

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 bottom three bars lighting on limiter meter on EQ Plus (leave audio input gain at 9:00).

Next, put ICOM 7700/7800 tx meter on ALC. Key radio and talk. Adjust OUTPUT on EQ Plus until you get to right edge of ALC scale on voice peaks.

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

That's it! This should get you close. Now you can tweak to get the settings that are right for your voice. The PR-40 matches up VERY well with the W2IHY equipment.

Good luck!

Dave
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