

SETUP INFO FOR W2IHY 8 BAND EQ, EQ PLUS, and ICOM IC-7000.
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Icom IC-7000

Set the radio menu's for the following settings:

Mic Gain 30

TX Bandwidth 100-2900. Set radio to "wide"

Compression off

8 Band EQ

50 Hz +8

100 Hz +4

200 Hz -6

400 Hz 0

800 Hz +6

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 first line clockwise from 12 o'clock (approx 1:30 pm)

Treble first line clockwise from 12 o'clock (approx 1:30 pm)

Mic impedance 600

Mic power off

Gain 9:00

Comp 8:30

Delay 10:00

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 two yellow
segments and the red occasionally.

Next, put the FT-2000 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 FT-2000 and set FT-2000 monitor on. Key radio and adjust monitor level on FT-2000 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.

That's it! This should get you close. Now you can tweak to get the settings that are right for your voice. The ElectroVoice RE-27 matches up VERY well with the W2IHY equipment.

Good luck!