

Voice 7 Band Equalizer / Sound Compressor with Echo Processor

We designed and built this **Microphone Equalizer/Compressor with Echo Processor** with a purpose to improve quality of transmitting signal of the radios. Additionally you are getting the **Echo Processor** built in the same box with the Equalizer which gives your signal amazing colourful effect.

Plug the Equalizer's cord to the **8 pin Mic** connector of your radio. Hook the power cord we included with the Equalizer up to the power connector on its **back wall** and to the **12V POWER SUPPLY OF YOUR BASE RADIO (this power cord will do not work with the other power supply. There is the insulated ground wire in it). Or to use your own power cord to hook it** up to other one 12V power adapter. The RED wire is +12V and the BLACK wire is -12V. Connect the standard 8 pin microphone of your radio to the Equalizer and it is ready to work.

Turning the pots on its front panel just get an excellent quality of your signal. Listening your own signal on other receiver or controlling your signal in the "monitor" mode of your radio try to adjust every pot so you find its best position where you get the quality signal you would like. To use the **Compressor pot** in DX pile ups.

Technical data

1. Voice 7 band Equalizer with adjusting pots of **100 / 250 / 550 / 1100 / 1700 / 2500 / 3100 Hz**
2. Microphone low noise amplifier with input and output level pots
3. Echo Processor with Delay and Echo Level adjusting pots
4. Microphone Compressor level pot
5. Compression level LED
6. The size of the unit is 170 mm x 90 mm x 45 mm
7. Weight - 0.5 kg
8. Length of the cord with 8 pin connector is 55 cm

There is some tips how to use it

1. To lower mic gain level of your radio almost to lowest position
2. Set OFF the mic comp of your radio.
3. Connect the Equalizer to the mic connector of your radio and its mic to the Equalizer.
4. **To note this! Using a power cord we included with the Equalizer connect the Equalizer to the main power supply your radio is hooked up to. The Red wire is +12V. You could use only +12V wire. The black -12V wire is cut off in the power cord connector. It has been done to get insulated ground on the Equalizer circuit. Or you could use the OTHER power supply or power adapter of 12V. In this case you should use YOUR OWN POWER CORD with +12V center wire and -12V outer wire of the connector. Both wires should be connected there.**
5. Set the Equalizer bands pots on the center position. **Set the MIC, COMP, ECHO, DELAY, OUT pots to the MIN position.**
6. **Ajusting the MIC and OUT pots on the Equalizer panel to get clear output signal without over driving the mic input of you radio. Try to adjust mic input level of your radio so to get optimal balance of mic gain of your radio and the Equalizer.**
7. Using Equalizer band pots to set desirable tone of the signal. To use the COMP pot in the pileups. It is just the compressor of the signal.
8. Adjusting the ECHO and DELAY pots to get desirable ECHO effect of your signal.

We are producing these Equalizers to the **ICOM** , **KENWOOD** and **YAESU** radios with **8 pins** microphone connector.

If you have any questions fell free to ask them.

Web Store: <http://transverters-store.com/>

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