



# VEQ-5

VINTAGE MID-RANGE EQUALIZER



**OVERVIEW & INSTRUCTIONS**

[WWW.BLACKROOSTERAUDIO.COM](http://WWW.BLACKROOSTERAUDIO.COM)

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## OVERVIEW & INSTRUCTIONS

### About the VEQ-5

#### *Vintage Mid-Range Equalizer*

The VEQ-5 is inspired by one of the most famous and renowned equalizers in studio history - focussing on the power range frequencies from 200Hz to 7kHz it is aimed at cleaning up and sweetening vocals. But it also does a great job on guitars and keys.

### Plugin Activation & System Requirements

Black Rooster Audio plug-ins are equipped with a straightforward and easy to use challenge-response activation system. We did our best to make sure our system works well for both online and offline users. By supporting USB key activation, mobile use is supported and just as easy as permanent activation of your computer's hard disk.

For detailed information about the activation process and the current system requirements of our plug-ins please refer to:

[www.blackroosteraudio.com/faq.html](http://www.blackroosteraudio.com/faq.html)

### Key features

#### *Authentic circuit emulation*

Our real time SPICE type component based circuit simulation approach allows to authentically capture the sound and feel of the analog counterpart in all nuances. Every crucial part of the circuit, including the passive filter network, audio transformers and amplifier tube stages have been faithfully modeled.

#### *SSE2 optimized code*

DSP operations are pipe-lined using the SSE2 instruction set. This ensures highest possible performance operation despite very complex computations.

#### *Auto-adjusted oversampling for maximum audio transparency*

Aliasing artifacts are efficiently attenuated using a low latency linear phase Dolph-Chebyshev poly-phase design. The oversampling is auto adjusted to your session's sample rate to save valuable CPU power while offering the most transparent sound possible.

#### *HighDPI / Retina support*

All our plug-Ins support high pixel density on Mac OSX and Windows to bring you the most enjoyable user experience on high DPI displays. Please refer to your manual to find whether your DAW is HighDPI capable if you're working on Windows.

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### Controls & User Interface

#### » Power

This is a multi purpose knob: Turning it fully counter-clockwise will bypass the processing altogether, turning it clockwise lets you adjust the linear output gain between -10 and +10dB.



#### » EQ In

Engages or bypasses the EQ filter network. The signal will still pass the tube audio amplifier when in a bypassed state thus adding a gentle coloration.



#### » Low Boost Frequency

Sets the low boost peak frequency to the selected point in Hz.



#### » Low Boost Gain

Adjusts the amount of low frequency gain between 0 and roughly 13dB.



#### » Mid Cut Frequency

Sets the mid cut peak frequency to the selected point in Hz/kHz.



#### » Mid Cut Attenuation

Adjusts the amount of mid frequency attenuation between 0 and roughly 10dB.



#### » High Boost Frequency

Sets the high boost peak frequency to the selected point in kHz.



#### » High Boost Gain

Adjusts the amount of high frequency gain between 0 and roughly 9dB.

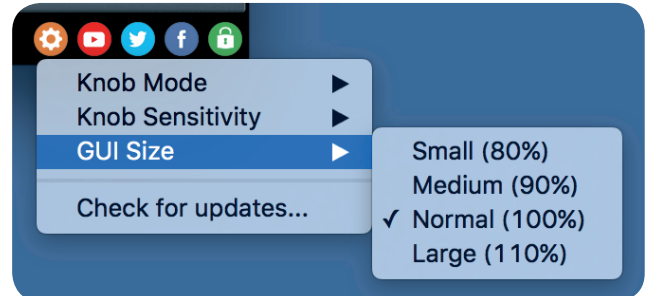


# VEQ-5

## PREFERENCES & INSTRUCTIONS

### GUI Size

In the GUI size menu you can select your preferred GUI scaling from a list of four settings, if the default mode (Normal) is too big or too small for your taste. Please note that the GUI size setting is a global preference that affects all Black Rooster Audio plug-ins installed on your system.



### Check for updates

Click the Check for updates entry to see if the plug-ins installed on your system are up-to-date. This function requires internet access.

### Knob behaviour & keyboard shortcuts

Use the plug-ins settings menu to select your preferred knob mode globally, i.e. all of our plug-ins share the same setting among all DAW applications. Choose between „Host Setting“, „Circular“, „Relative Circular“ and „Linear“:

- By default the knob mode is set to „Host Setting“ which means that the knob mode is dictated by the DAW application. Some VST hosts allow to change the knob mode setting in their preference menu. Our plug-ins will respect the host knob mode in that setting.
- In the „Circular“ or „Relative Circular“ modes knobs will react to circular mouse gestures and you have to drag your mouse in clockwise or counter-clockwise direction to change a knob's value.
- In the „Linear“ mode you have to drag your mouse up or down when selecting a knob to change its value.

Use the knob sensitivity menu to adjust the knob sensitivity to taste. This function is only available in linear mode.

### All of our plugins support the following keyboard shortcuts

#### *AU Hosts on Mac OS*

Alt + Click - Reset control to its default value

Shift + Drag - Fine control

Shift + Mousewheel - Fine control

#### *VST Hosts on Mac OS*

CMD + Click - Reset control to its default value

Shift + Drag - Fine control (only applicable in linear knob mode)

Shift + Mousewheel - Fine control

#### *VST Hosts on Windows*

Ctrl + Click - Reset control to its default value

Shift + Drag - Fine control (only applicable in linear knob mode)

Shift + Mousewheel - Fine control