
EQ45 | PARAMETRIC EQ

User Guide

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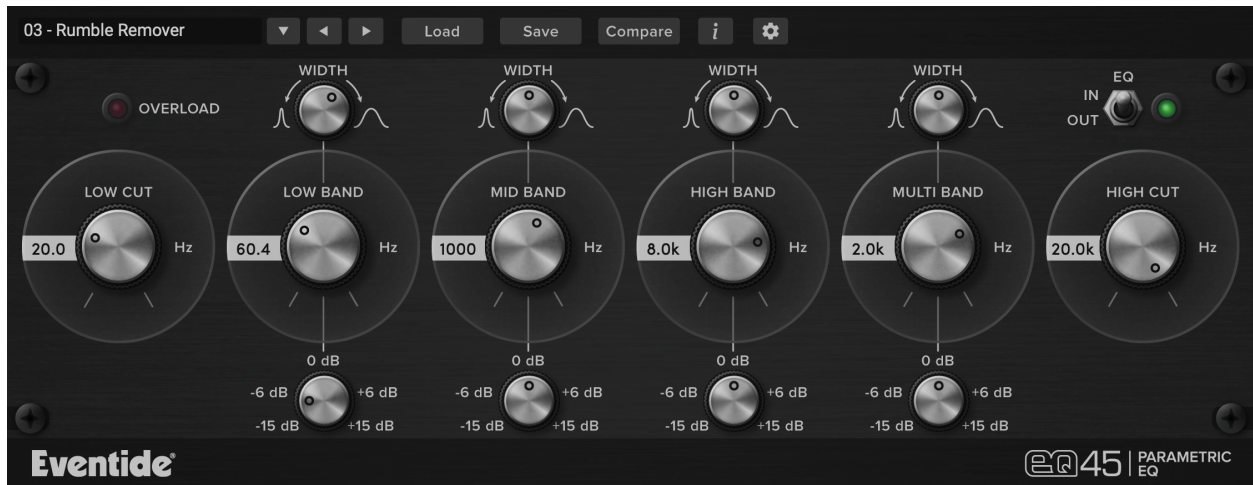
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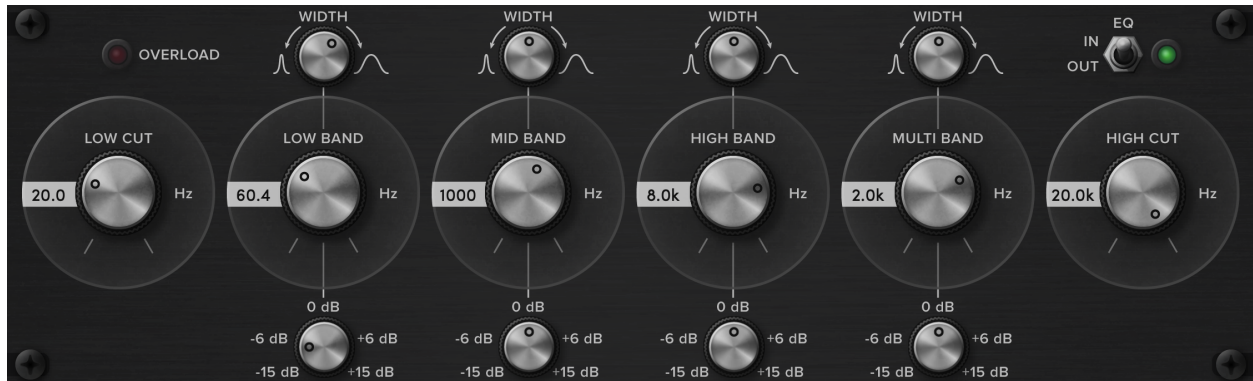


1.1 About This Product

EQ45 is a lightweight, stand-alone parametric equalizer based on the circuit model of the Urei 545 parametric EQ. Its high-resolution filters enable you to perform subtle or drastic changes to audio material without the unpleasant artifacts caused by limited dynamic range in hi Q filters. Whatever your audio application may be, EQ45 will provide you with flexible new options.

EQ45 Parametric Equalizer

PART 2

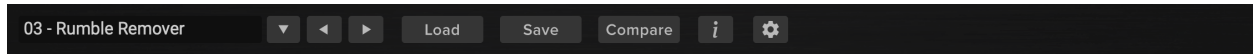


Low Cut	A Butterworth filter section with an attenuation of 12 dB/octave beyond its -3 dB point. Ranges 400 Hz – 20 kHz, continuously tunable.
Low, Mid, and High Bands	Three overlapping band controls covering 20 Hz – 16 kHz. <ul style="list-style-type: none">• Low Band: 20 Hz – 500 Hz• Mid Band: 180 Hz – 3.6 kHz• High Band: 800 Hz – 16 kHz
Multi Band	A multiband control covering the entire audio spectrum, ranging 12 Hz – 20 kHz.
High Cut	A Butterworth filter section with an attenuation of 12 dB/octave beyond its -3 dB point. Ranges 5 Hz – 1000 Hz, continuously tunable.
Width	Accompanies each filter section, ranging 1/4 octave to 2 octaves.
Gain	Allows attenuation and boost for each filter section, ranging -15 dB to 15 dB.

OVERLOAD	An overload protection mechanism that responds when a signal's transient extends above -0.1 dBfs.
EQ IN/OUT	When switched up, enables the use the full suite of parametric filters. When switched down, enables the use of only the high- and low-cut filters.

All knobs can be adjusted by clicking and dragging vertically. You may also hold the command key on Mac or the control key on Windows for fine resolution control. Values may alternatively be directly entered into each knob's corresponding text box.

2.1 Preset Bar



Located at the top of the EQ45 Plug-In, the Preset Bar lets you load and save presets, along with several other features.

When EQ45 is installed, a library of settings is placed into the <user>/Music/Eventide/EQ45/Presets folder (Mac) or the <user>/Documents/Eventide/EQ45/Presets folder (Windows). These presets have a .tide extension and can be saved or loaded from the EQ45 preset bar in any supported DAW.

In many DAWs there is an additional generic preset bar that saves DAW-specific presets to a separate location. We recommend saving your presets using the Eventide preset bar to ensure that your presets will be accessible from any DAW. You can also create sub-folders inside the preset folders, if you wish.

LOAD/SAVE Use these buttons to load and save your presets in .tide format.

COMPARE Click to toggle between two different settings for the plug-in. This is useful for making A/B comparisons.

INFO Click this button to open this manual.

SETTINGS Opens a drop-down menu with scaling settings for changing the overall size of the plugin.

We hope you enjoy the EQ45 plug-in and put it to good use in all of your mixes. Please be sure to check out Eventide's other native plug-in offerings for more unique and interesting effects.

For further questions or support, head over to the [user forums](#).