OMNITEC-436C

VINTAGE VARI-MU COMPRESSOR

A COMPRESSION CRAFTSMAN

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The well-known Altec 436C and its subsequent versions served as the inspiration for the OmniTec-436C plug-in, a digital recreation of a vari-mu tube compressor from the 1950s.

The OmniTec-436C is a potent addition to your collection of plug-ins that can assist you in accurately recreating the early pop era's sound within your digital audio workstation. It is available in infinite instances for you to use on every track. The OmniTec-436C is ideal for both newcomers and specialists due to its user-friendly interface and modern features.

When the Altec 436C was originally released in the 1950s, leading producers at the time quickly took to it since they were looking for leveling amplifiers with more varied parametrization, notably for the time parametric. In order to meet such objectives, the 436C, the third version in a series, underwent extensive modification and redesign. Threshold control, completely parametrized Attack, and optimized Release Time have been introduced to make the system behave more musically under "stress". Later, vari-mu units from numerous manufacturers, including Fairchild and Manley, took inspiration from the ingenious circuit and distinctive sound.

Several producers have used the compressor, which can be heard on popular songs by The Beatles, Herb Albert, and Frank Sinatra. It served as Geoff Emerick of Abbey Road Studios' go-to limiter and laid the groundwork for many hugely significant recordings at the time. Yet in addition to influencing the sound of British albums from that era, it also almost immediately established itself in pop music studios across the US and Europe.

The OmniTec-436C is a very musical plugin because of its tube-based modelling; it never sounds harsh but rather very mellow over the entire spectrum. A decent quantity of coloration is present, yet it never overwhelms. And it consistently seems to provide a track exactly the proper amount of glue.

The OmniTec-436C plug-in from Black Rooster Audio flawlessly replicates the best features of that vintage compressor and modernizes them for the DAW workflow. It is available as an AAX/VST/AU plug-in. You will immediately identify its "vintage charm" because we haven't changed a thing.
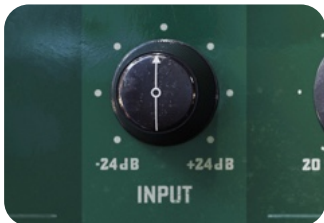
The OmniTec-436C is the ideal plug-in for you if you're searching for a creamy, vintage sound. It sounds excellent on bass guitar, drums, and even vocals. Try it with vocals, string, brass, and even synthesizers! But when it's applied to a whole mix, it truly shines.

» MODE & LINK

The switches allow for the mode selection (Limiter/Compressor) and link selection (Stereo/Dual Mono).

» GAIN STAGING (INPUT / MAKEUP)

Fine tune the volume of both input and ouput signal. Make up gain shall catch up the attenuation from the processed compression.

» THRESHOLD

Select the threshold from where the compressor will process the incoming signal. Fine-tune in complement to the input gain.

» SIDECHAIN (HIGH/LOW & SC LISTEN)

Filter the sidechain signal with the high and low filters from 100Hz up to 20kHz. Utilize the SC Listen Mode in order to listen to the isolated sidechain signal after filtering.

» ATTACK & RELEASE

Control the time coefficients for when the compression shall start and be released based on the incoming signal.

» MIX

Perfectly blend between the dry and the wet signal.

» VU METER

The plug-in will provide you with input, ouput and gain reduction metering for you to visually control your signals and settings.

PREFS & INSTRUCTIONS

ADDITIONAL PLUG-IN PREFERENCES
(GEAR ICON MENU AT THE BOTTOM)

GUI SIZE

In the GUI size menu, you can select your preferred GUI ranging from a list of four settings, if you're looking to change the default sizing. Please note that the GUI size setting is a global preference that affects all Black Rooster Audio plug-ins installed on your system. If you are stuck with large GUI sizes, please right click on any non-control section of the plug-in for the regular settings menu to adjust GUI size.

KNOB BEHAVIOUR & KEYBOARD SHORTCUTS

Use the plug-in settings menu to select your preferred knob mode globally. Please note that all of our plug-ins share the same settings across 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 you to change the knob mode setting in their preference menu. Our plug-ins will respect the host knob mode in that setting.
• In "Circular" or "Relative Circular" mode, all knobs will react to circular mouse gestures and you have to drag your mouse in a clockwise or counter-clockwise direction to change its 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 and adjust it to your liking. Please note that 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 a 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 a applicable in linear knob mode) Shift + Mousewheel - Fine control