

VSC-3  
PLUGIN



# VERTIGO VSC-3 QUAD DISCRETE VCA COMPRESSOR OPERATION MANUAL

THE VERTIGO SOUND  
VSC-3 QUAD DISCRETE VCA COMPRESSOR PLUGIN  
– THE THOROUGH HARDWARE EMULATION  
WITH DISCRETE SOUND



The VSC-3 is the second independent Plugin release by Vertigo Sound.

The VSC-3 software provides all the fine sonic details of it's 6500\$ analog counterpart plus new additional options like Dry & WET Controls and 6 selectable SC Filter frequencies.

## FEATURES OF THE VSC-3 PLUGIN:

- Discrete VCA based hardware emulation
- VCA distortion spectrum up to 0,6% THD
- Smooth to punchy Compression
- Unique Soft "Tip Toe" mode
- 10 selectable attack and release time constants
- 6 SC Filter selections
- Super fast Metering
- RMS and Peak (VSC-2 mode)

## THE BASIC IDEA AND CONCEPT OF THE VSC-3 ANALOG COUNTER PART:

The VSC-3 is the legal successor of the VSC-2, which now is a modern classic and can be found in many top class studios around the world. Vertigo Sound spent a lot of effort making a good product even better.

The VSC-3 can do all the tricks the VSC-2 is known and loved for plus a bunch of new features and options.

The VSC-3 is still named Quad Discrete Compressor because it's topology stays the same. It is so named, because it uses 4 VCAs built using only discrete components. It's design is a nod toward the best VCA based compressors of the 70s and 80s. The Vertigo VCA is in fact named 1979.

Some of the best features of these classic Compressors have been complimented in the VSC. This classic based topology is combined with a modern mastering grade signal path. Some unique and innovative features lie beneath the bonnet, such as the ratio which increases with level in Soft mode.

The basic idea and concept of the VSC-3

The Vertigo Sound Limiter incorporates four discrete 1979 VCAs for two channels. Each channel has one VCA in the Audio Path and another one inside the sidechain. In stereo mode both sidechains are active (they are not summed together) and the higher signal peak on any of both channels results in the compression of both (in Stereo SC Mode).

Therefore the VSC-3 is reacting also on out of phase signals (peaks) without image shift.

Moreover, the detector (a Peak/RMS Feedback Design) of each channel works in such a way, that stereo compression can be achieved even without stereolinking. This precision makes the VSC-3 also the first choice for mastering applications.

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## FUNCTIONALITY OF THE VSC-3 PLUGIN:

Please Download the VSC-3 Analog Operation Manual from our website for more details and hints how to use the VSC-3 properly.

**<https://www.vertigosound.com/support/downloads>**

Activation and Licenses.

Please use the Vertigo Licenser App which is included in the Plugin Installer to activate your trial or purchase. We recommend to create an account on our website which helps a lot in case of support is required. Login with Username and Password and administrate all your plugins and computers with this tool. You can also activate your trial or purchase with an Activation code. You can copy the activation code from the website (trial) or it is sent to you with the invoice by mail (purchase). If you have had several accounts or there are minor changes done at your computer hardware use the Refresh button of the Licenser App to update your account data.

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## VSC-3 PLUGIN TECHNICAL SPECIFICATIONS

### AVAILABLE FOR:

MAC:

VST3 32 Bit & 64 Bit, AAX NATIVE, AU (V2)

PC:

VST3 32 Bit & 64 Bit, AAX NATIVE 64 Bit

### MINIMUM SYSTEM REQUIREMENTS:

SUPPORTED OPERATING SYSTEMS

MAC OS X 10.8 THROUGH 10.13

WINDOWS 7 THROUGH 10

PRO TOOLS 10.3.10 OR HIGHER OR ANY VST/VST3/AU-COMPATIBLE

HOST RUNNING ON A SUPPORTED OPERATING SYSTEM

MAC

INTEL CPU ONLY (MINIMUM 2 GHZ RECOMMENDED)

PC

INTEL-COMPATIBLE CPU WITH SSE2 INSTRUCTION SET (PENTIUM 4 COMPATIBLE OR HIGHER;  
MINIMUM 2 GHZ RECOMMENDED)

### SYSTEM REQUIREMENTS:

DISPLAY RESOLUTION: 1440 x 900px OR 1280 x 960px OR HIGHER

MEMORY: 2 GB RAM

## VERTIGO SOUND

ONE NAME STEPS OUT OF THE HERD

## CONTACT

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