VSM-4
PLUGIN

VERTIGO VSM-4
MIX SATELLITE '59
OPERATION
MANUAL

THE VERTIGO SOUNDVSM-4 PLUGIN
MIX & MASTERING SATURATION TOOLBOX PLUGIN

The valve distortion and saturation generators are based on the the W. Frank Custom Tube Desk circuitry from 1959 wich we brought back to life with my former company HE Studiotechnik. The W. Frank custom console is packed with huge transformers, clever valve circuits and passive filters.

The plugin comes with all the useful features of the VSM-2 Mix Satellite plus some more new functionality for your Mix and Mastering needs of today.

VSM-4 PLUGIN

FEATURES OF THE VSM-4 PLUGIN:

-Transformer Emulation with Autogain and Bass Lift
-Triode Emulation with Bias Control (High/Low)
-Pentode Emulation with Type Selector (Dense/Clear)
-Input Filter with Fixed Bands (VSM-2) and continuous Bandpass (Mode VSM-4 only)
-MS funcionality for Triode and Pentode Saturation
-MS and Distortion Solo for Triode and/or Pentode Stage
-MS and LR Output Level Control
-Scaleable GUI

THE VSM-4 CONTROLS

Input Level
Start with the Input Knob in the 12 o'clock position. (Unity Gain) You can use the Input knob to trim the
stereo level for all following stages. The "Global System" Switch bypasses all stages of
the VSM-4.

MS Solo
The MS Solo switch allows you to monitor mid or side signal of the
output of the plugin. This can be especially useful when evaluating the coloration , spread and MS setup.

Output
The Output section allows you to compensate your Gain and Stereo image .

Meter
At a level of 0dBFS in the digital domain a readout of +22dBU will result at your DA converters.

Power
Deactivates the VSM-4.

Drive
Sets the Input level or threshold to "What" and "How much" is going into the Triode, Pentode or transformer stage.
The Yellow / Red LED shows how much gain is used at the moment. If the LED is lighting red
the distortion effect will be quite drastic.

Level
The Level pot is very important if you don't work in Full or Track mode. With this level you can
adjust a new level for the processed band similar to a multiband compressor. The left yellow
LED shows the original level and the right LED the new level added.

Input Filter
With the Input Filter you can define what frequency goes into the „valve" generators. The "Track" mode is designed
to process individual instruments. In this Mode the THD Mix control is switched off. The Shape control is filtering the
output of the distortion only. No frequencies of the original unprocessed signal are mixed in.

THE VSM-4 CONTROLS

Mode
Mode switches the Input filters from a fixed band functionality to a continuous bandpass filtering. This mode is especially useful for effects or for spotting certain defined frequency ranges.

Shape
Shape is a Hi Cut filter that affects the higher harmonic content to prevent a harsh and gritty, or too "brilliant" result. The Filter cuts the Highs of the distortion band while filling in the unprocessed frequency content.
In Track input filter Mode no original frequencies are filled in.

THD Mix
This is a dry/wet control where you can mix between the unprocessed signal and the output of the harmonic tube generators.

LR and M or S Selector
This toggle switch defines if either LR, M or S is sent to the saturation/distortion stages.

Bias and Type
Here you can define the attitude and style of the harmonic generator; you can adjust the sonic behaviour of the valve stage emulation.

ACTIVATION & LICENSES:

Please Download the VSM-4 Analog Operation Manual from our website for more details and hints how to use the VSC-3 properly.

https://www.vertigosound.com/support/downloads

Please use the Vertigo Licenser App wich is included in the Plugin Installer to activate your trial or purchase. We recommend to create an account on our website wich helps a lot in case of support is required. Login with Username and Password and adminstrate 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.

VSM-4 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 11
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

VERTIGO SOUND
ONE NAME STEPS OUT OF THE HERD

CONTACT

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