SYNTHBLITZ AUDIO

DNX 03 V. 2.0

V.A. Multiband Compressor

New compressors inside
New parameters for compression
New saturation system
New shortcuts
New Fine and Ultrafine Control for Knobs (improve controls for mastering session)
Four modes of operation
New Frequency band parameters (now 33Hz to 18.000Hz - full control sub and super-high)
New Vu Meter (virtual coil) over 6dBu VA
New LED Meters (large scale) for reduction
New Vu Meter LED for output (large scale) over 8 dBu VA
New numerical meters for dB RMS

Installation

The software comes in two different resolutions, standard or to monitor over 20 inches.
Choose your resolution or install both dll files.
To use DNX 03, you only need to copy the file "DNX 03.DLL" into your VST plugins directory.

PC Requirements:

CPU : Intel or AMD processor with SSE support.

RAM : minimum 1GB RAM, 2GB recommended.

Operating system: Windows®.

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First Step

Some keyboard shortcuts and mouse features must be used immediately:

Right-click the knob -Reset knob to default value.

Double Click on Vu Meter coil - Reset compressor to default value

SHIFT + mouse drag - UltraFine tuning knob.

Right click on knob allows the immediately reset to default value,this features speeds up the use, during any operation of setting or testing of the compressor.

DNX 03 now fit different ways of saturation-limiter and in fact can operate in 4 different modes:

TUBE activated

New Internal Saturator,quality equal to the best hosts.
This feature allows you to use the DNX in full VA mode.
Works and shows all available dBu (VA), but in reality blocks the maximum dB FS to zero.
Simulates the reactions of real hardware modules, and the "GAIN OUT" KNOB is basic to control the power output and saturation-distortion.
This feature makes the DNX completely independent, the saturator of the "host" never comes into operation.

TUBE + LIMITER both activated

Simulates a tube module that pushes his power against a brickwall.
Begins to saturate around -1 dB FS, and a red LED indicates the amount of saturation by flashing with the rhythm and the peaks.
Small saturation requests are interesting for audiophiles, and mastering session.
Pushing too much, you can change the low frequency ,harmonics are added, but the sound may become distorted.
The "preamp gain control", and the "gains" of the compressors, are fundamental in order to saturation control .

LIMITER (Brickwall 0dB FS - NO DISTORTION)

This feature allows you to set the maximum peak output level to 0 dB regardless of any other control and with just one click. "Limiter" comes after the compression, and output gain.
"Limiter" provides for an absolute limit to be put on the peak excursions at the output.
Limiter works instantaneously. You can apply moderate amounts of compression and still be protected ; the signal will not exceed 0 db never.
However, the signal can exceed the 0db instantly when the limiter is switched off so be careful with its use.

If the limiter is enabled is impossible to have distorted sound in any condition.
The bass is amortized also working with the band at 33 Hz and the gain(lo band) to +24 dB, the deep bass is impressive.

All other functions are explained in the operators manual (full version).

LIMITER OFF
TUBE OFF

This feature disables all internal saturators.
The outcoming sound of the DNX 03 goes with full power and without any limit beyond 0dB FS.
The host works to saturate the sound.
The distortion can be controlled by the master volume control of the host and by "Gain Out" of the DNX 03.
This feature works fine with the best hosts.

For major details how to use the different modes consult the operator's manual (only full version).

DNX-03 uses a First-order crossover filter .
First-order filters have a 6 dB/octave slope.
First-order filters are considered by many audiophiles to be ideal for crossovers.
This filter type is 'transient perfect';

DNX 03 in any condition passes both amplitude and phase unchanged across the range of interest.

VIRTUAL ANALOG VST FOR WIN

by

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