Nice EQ

Library Creator: Michael Angel, www.CDSoundmaster.com

Manual Index

Installation

For PC Users:

Use the included installer to select your NebulaTempRepository Folder to install the collection there. Or, you can simply copy all "n2p" files to your Nebula "Programs" folder and copy all "n2v" files to your "Vectors" folder.

For Mac Users:

Copy all "n2p" files to your Nebula "Programs" folder and copy all "n2v" files to your "Vectors" folder.

The Programs

"Nice EQ For Nebula" consists of 36 programs:
You will find these in your Nebula "NEQ" category. Nice EQ has two completely unique high voltage, ultra-high quality signal paths: It is a Solid State device and it is a Vacuum Tube device.

Programs are sampled at 96kHz and are tested to retain accuracy at 44.1kHz and 48kHz sample rates with the latest version of Nebula3 Pro.

Programs are fully organized and categorized for easiest use in Nebula3. Click one time on "NEQ" and you will see all 36 programs. Click a second time to divide programs into Solid State and Vacuum Tube Versions by choosing the sub-category "SS" or "VT". Under these two operation modes, you are presented with choosing from EQ Programs that are enhanced with Harmonic Distortion, 'Clean Mode" EQ Programs that are identical to the same sampled unit, but with all Harmonic Distortion content removed, the unit sampled as a Preamp, and also two unique Mastering Curve Programs. These are divided as follows:

CEQ = "Clean Mode EQ"

EQ = EQ with Harmonic Distortion

PRE = Hardware sampled as a Preamp

MST = Two unique Mastering EQ Curves

Program Description:

NiceSSDist96 & NiceTubeDist96

Full Band Frequency, Bell-Shaped EQ with 1.0 "Q" width, with Odd/Even Order Harmonics.

Frequencies = 100Hz, 250Hz, 750Hz, 1.3kHz, 2.5kHz, 4.8 kHz, 7.5 kHz, 10kHz, 16 kHz, 20kHz, 25kHz. +/-20dB.

NiceSSCln96 & NiceTubeCln96

Full Band Frequency, Bell-Shaped EQ with 1.0 "Q" width, in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 100Hz, 250Hz, 750Hz, 1.3kHz, 2.5kHz, 4.8 kHz, 7.5 kHz, 10kHz, 16 kHz, 20kHz, 25kHz. +/-20dB.

HiPeakSSDist96 & HiPeakTubeDst96

High Frequency, Bell-Shaped EQ with Odd/Even Order Harmonics.

Frequencies = 4.8kHz, 10kHz, 16kHz. +/-20dB. "Q" = 1.0

HiPeakSSCln96 & HiPeakTubeCln96

High Frequency, Bell-Shaped EQ in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 4.8kHz, 10kHz, 16kHz. +/-20dB. "Q" = 1.0

HiShelfSSDist96 & HiShelfTubeDst96

High Frequency, Shelving EQ with Odd/Even Order Harmonics.

Frequencies = 8kHz, 10kHz, 16kHz, 21kHz. +/-20dB.

HiShelfSSCln96 & HiShelfTubeCln96

High Frequency, Shelving EQ in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 8kHz, 10kHz, 16kHz, 21kHz. +/-20dB.

LoPeakSSDist96 & LoPeakTubeDst96

Low Frequency, Bell-Shaped EQ with Odd/Even Order Harmonics.

Frequencies = 34Hz, 56Hz, 100Hz, 180Hz, . +/-20dB. "Q" = 1.0

LoPeakSSCln96 & LoPeakTubeCln96

Low Frequency, Bell-Shaped EQ in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 34Hz, 56Hz, 100Hz, 180Hz, . +/-20dB. "Q" = 1.0

LoShelfSSDist96 & LoShelfTubeDst96

Low Frequency, Shelving EQ with Odd/Even Order Harmonics.

Frequencies = 20Hz, 100Hz, 270Hz. +/-20dB.

LoShelfSSCln96 & LoShelfTubeCln96

Low Frequency, Shelving EQ in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 20Hz, 100Hz, 270Hz. +/-20dB.

NarrowSSDist96 & NarrowTubeDst96

Full Band Frequency, Bell-Shaped EQ with narrow 4.0 "Q" width, with Odd/ Even Order Harmonics.

Frequencies = 750Hz, 2kHz, 13kHz, 20kHz, 25kHz. +/-16dB.

NarrowSSCln96 & NarrowTubeCln96

Full Band Frequency, Bell-Shaped EQ with narrow 4.0 "Q" width, in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 750Hz, 2kHz, 13kHz, 20kHz, 25kHz. +/-16dB.

WideSSDist96 & WideTubeDist96

Full Band Frequency, Bell-Shaped EQ with wide 0.4 "Q" width, with Odd/ Even Order Harmonics.

Frequencies = 100Hz, 750Hz, 2.5kHz, 13kHz. +/-14dB.

WideSSCln96 & WideTubeCln96

Full Band Frequency, Bell-Shaped EQ with wide 0.4 "Q" width, in "Clean Mode", where additional harmonic content has been removed.

Frequencies = 100Hz, 750Hz, 2.5kHz, 13kHz. +/-14dB.

NicePreSS96 & NiceTubePre96

Hardware EQ sampled with all bands engaged and set to 0dB. 8 kernels of harmonic distortion sampled for the Solid State version, and 10 kernels sampled for the Vacuum Tube version.

LitePreSS96 & LiteTubePre96

Hardware EQ sampled with all bands engaged and set to 0dB. Distortion kernels reduced to 5 kernels for the Solid State version and 6 kernels for the Vacuum Tube version.

SS96DistMast1 & Tube96DistMast1

Multiple bands of the hardware unit are adjusted to provide an excellent preset to reduce muddiness in a mix while adding extra clarity. The Solid State version is recorded with 5 kernels of distortion, and the Vacuum Tube version is recorded with 7.

SS96DistMast2 & Tube96DistMast2

Multiple bands of the hardware unit are adjusted to provide an excellent preset to create a mix that leans more towards a high end slope while gently reducing low end. This is helpful for mixes that are well-balanced, but have too much overlapping low end from multiple instrument tracks. The Solid State version is recorded with 5 kernels of distortion, and the Vacuum Tube version is recorded with 7.

About The Nice EQ Collection

The "Nice EQ" brings one of the most sought after hardware eq's directly to your DAW with amazing accuracy. You are actually working with two unique hardware eq's within one collection!

There are 18 Solid State Programs and 18 Vacuum Tube Programs. You are provided with a single Program that includes your most useful frequency bands with the full gain range of +/-20dB, along with each band separately, and additional "Clean Mode" versions of each Program and Preamp and Mastering Programs as well! Not only have all frequencies been created at the standard 1.0 "Q" width, but also in .4 and 4.0 "Q" widths, providing you with the ability to use it for problem solving, sweetening, and general sound shaping. Shelf and Peak modes are provided for further flexibility, and since they are sampled at 96kHz, the famous high end Peak and Shelf extend all the way to the top for amazing results! All 1.0 "Q" width Programs are presented in 2dB increments from -20dB to +20dB. Narrow "Q" Programs are provided in 4dB increments from -16dB to +16dB. Wide "Q" Programs are provided in 2dB increments from -14dB to +14dB.

All Programs in this collection are sampled at 96kHz and have been tested for compatibility at 48kHz and 44.1kHz using the latest version of Nebula3 Pro.

Total Frequencies = 20Hz, 34Hz, 56Hz, 100Hz, 180Hz, 250Hz, 270Hz, 750Hz, 1.3kHz, 2.0kHz, 2.5kHz, 4.8kHz, 7.5kHz, 8kHz, 10kHz, 13kHz, 16kHz, 20kHz, 21kHz, 25kHz.

About The Hardware

Nice EQ For Nebula is created from the actual hardware unit. Both Solid State and Vacuum Tube versions of the hardware are sampled at every setting. The hardware is detented at 2dB increments with an almost unheard of gain range of +/-20dB. The hardware was sampled with Mytek Converters usingBalanced Belden cables for Analog and Apogee WydeEye cabling for SPDIF Digital.

My personal favorite characteristic of this device, and what many favor the"Nice EQ" for is its extreme high frequency equalization. Settings at 20kHz upwards of 25kHz are absolutely beautiful and harmonically rich, providing truly unmatched clarity and silkiness at the extreme high end.

In both modes, the hardware has an extremely wide bandwidth, and is within +/- 2dB perfect flat response from 10Hz to 25kHz. There is a slight rise in volume from around 150Hz all the way to 1.2kHz of approximately . 7dB, which lends a very warm subtle quality to the eq.

This eq can produce harmonic distortion as low as .005% at its cleanest setting, and can generate as much as 25% when pushed into hotter signal levels at '+" gain settings.

The intentionally musical and beautiful sounding harmonics blend in with eq changes in a unique way in both modes, with slightly higher harmonic distortion in Vacuum Tube mode. Even and Odd harmonics differ slightly in both modes, giving even more of an incredible range of usefulness to the device. All of this has been captured for you in these programs!

What many find the most valuable about this device is its unique bell shape in both modes. In the Vacuum Tube mode, the shape of the eq curve is generally spread out more evenly, is more balanced to the center frequency, and gives the widest actual volume range from negative to positive settings. But, the shape of the curve at smaller settings is also unique in comparison to the shape at its greatest peaks. The result is an amazingly ideal example of the classic Vacuum Tube Mastering EQ sound, where minimal voicing and sound shaping are desired. In Solid State mode, the device makes a very smooth transition from small to large gain change, with a steeper, sharper peak than the Vacuum Tube, and a sharper peak at

boost than cut. This means that although both modes exhibit the expected bell shape at 1.0, they have unique character differences that are ideal to the signal path used depending on the mode it is set for.

At wider "Q" settings, this eq polishes and glues sound better than most devices. At narrow "Q" settings, the peak becomes sharper at the greatest gain levels and we see even more adjustment at other parts of the spectrum to help deliver the perceived adjustment to overall balance. The slight changes to complimentary related frequencies inspired many of my original "Mastering Suite" eq programs, where very small changes in correlating frequencies make for better, smoother eq change with more pronounced effect and minimal effort.

Program List

Solid State Version

HiPeakSSDist96
HiPeakSSCln96
HiShelfSSDist96
HiShelfSSCln96
LitePreSS96
LoPeakSSDist96
LoPeakSSCln96
LoShelfSSDist96
LoShelfSSCln96
NarrowSSDist96
NarrowSSCln96
NicePreSS96
NiceSSDist96
NiceSSCln96
SS96DistMast1
SS96DistMast2
WideSSDist96
WideSSCln96

Vacuum Tube Version

HiPeakTubeDst96
HiPeakTubeCln96
HiShelfTubeDst96
HiShelfTubeCln96
LiteTubePre96
LoPeakTubeDst96
LoPeakTubeCln96
LoShelfTubeDst96
LoShelfTubeCln96
NarrowTubeDst96
NarrowTubeCln96
NiceTubePre96
NiceTubeDist96
NiceTubeCln96
Tube96DistMast1
Tube96DistMast2
WideTubeDist96
WideTubeCln96

I truly hope that this collection makes an awesome addition to your enjoyment of Nebula.

Thanks and God Bless You.

Sincerely,

Michael Angel
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