

The "Siemens W295B" EQ

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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

"Siemens W295B EQ For Nebula" consists of 20 programs:
You will find these in your Nebula "W2B" category.

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 "W2B" and you will see all 20 programs. Click a second time and you will find the Programs divided into two sub-categories:
EQ and PRE, standing for "W295B" equalizer programs and preamp programs.

Click on "EQ" and you will be given three categories:

"CLN" for Clean EQ with no harmonic content
"DST" for EQ with 1st and 2nd order harmonics
"INT" for Interpolated eq, or eq that has been designed with unlimited gain and frequency controls.

Click on "PRE" and you will see all 'console' or preamp programs listed. Click a second time to choose from the following sub-categories:

"HOT" - These programs contain the highest level of harmonic content
"MED" - These are slightly cleaner preamp settings
"LOW" - These are your cleanest programs

Program Description:

W295B Hi Shelf

This is the famous Siemens High Shelf eq. It contains harmonic content and is fixed at 3dB steps, ranging from -15dB to +15dB. At its highest point, the unique shape of this eq begins around 700Hz, with a gradual rise of +2dB up to 2kHz, +7dB at 5kHz, with a peak at 15kHz.

W295B HiShlfCln

This is the same as above but is a clean setting, containing no harmonic content.

W295B Hi_Lo Shlf

This program combines the High and Low fixed shelf eq's into a single program. Since there are more settings, it takes a little more cpu to run, but allows for simultaneous use of High and Low at once.

W295B HLShlfCln

This is the same as above but is a clean setting, containing no harmonic content.

W295B HLShlfInt

This is the same as the Hi_Lo Shlf program, with the addition of the special interpolation feature. This allows you to move freely between the previous

fixed positions, meaning that you can not only control from +3dB to +6dB for instance, but any position in between, like 3.2dB or 5.95dB. This is also the case for the frequencies! Move the control from left to right to toggle between low and high frequency modes. You can get the full volume range of either the high or low shelf, or balance any weight in between. You can use this new feature to create unique curve points not available in the original unit.

W295B HLShlfInt+

This is the same as above but it adds the addition of more harmonic content. This is similar to using the unit with a slightly higher gain input, increasing the amount of intentional, pleasant harmonic distortion while simultaneously eq'ing.

W295B HLShlfI-C

This is the same as above but is a clean setting, containing no harmonic content.

W295B Low Shelf

This is the beautiful Low Shelf eq of the Siemens, with harmonic content added. The fixed Low Shelf ranges from -15dB to +15dB in 3dB increments. This unique eq begins at around 1kHz, with a Peak at 40Hz.

W295B LoShlfCln

This is the same as above but is a clean setting, containing no harmonic content.

W295B Mid EQ

This is the mid range eq from the Siemens W295B. It has a gain range from -8dB to +8dB in 2dB increments. The following frequencies are sampled:

700Hz
1kHz
1.5kHz
2.3kHz
3.5kHz
5.6kHz

W295B Mid Cln

This is the same as above but is a clean setting, containing no harmonic content.

W295B Mid Int

This is the special interpolated version of the Mid Range eq. It contains harmonic content and allows all movement between frequencies and gain positions.

W295B Mid I-C

This is the same as above but is a clean setting, containing no harmonic content.

W295B Mid Int+

This is the same as the "Mid Int" program, but contains additional harmonic content.

W295BPreHot

This is the highest amount of harmonic content sampled at multiple volumes to give a full, dynamic recreation of the hardware unit. Use this program for the most audible character.

W295BPreH2

This is the same as above, with slightly less harmonic distortion. Use this when you want the color of the preamp without it being as obvious.

W295BPreMed1

This is a setting slightly above normal everyday use as far as the amount of harmonic content. Use this setting for moderate amounts of color.

W295BPreMed2

This setting represents normal clean everyday use of the device with enough color to add motion and musicality to a mix without being obvious.

W295BPreLo1

This represents using the eq in a clean setting, still with a good amount of harmonic content, but clean enough to use on dozens of tracks in a mix if desired.

W295BPreLo2

This program is the cleanest preamp program and can be used for subtle changes to a track.

About The "W295B" Collection

"Siemens W295B EQ For Nebula" consists of 20 programs.

The Siemens W295B is a vintage, early 1970's, West German, discrete solid state 3-band eq with beautiful sounding transformer inputs and outputs and the very special Sitral transistor. The unit used for this release is all original in excellent working condition.

The W295B has a High Shelf eq, and Low Shelf eq, both with +/-15dB in 3dB increments. It also has a Middle Range bell eq with fixed frequencies of 700Hz, 1kHz, 1.5kHz, 2.3kHz, 3.5kHz, and 5.6kHz with +/- 8dB in 2dB increments.

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 Nebula3Pro.

What makes owning this eq for Nebula even more special? Added functionality!

Now, the Siemens W295B has extra frequency capability from every mid-point between the fixed frequencies of the mid range eq, and at every gain level mid-point between fixed gain stages. There is also a special collection of high and low shelf combined frequencies, allowing you to balance highs and lows at the same time, at any variable balance. Also, all fixed and interpolated versions of this eq come in a version with complex harmonic distortion, clean, and advanced interpolated harmonic distortion with 10 kernels of streaming harmonics!

Also included is the sound of the unit as a 'console' or preamp. For no extra charge, the complete set of preamp programs are included. Many choose to place this eq in their mastering chain just for the sound of passing audio through its signal path. Now you can achieve this unique character without leaving your DAW!

About The Hardware

The Siemens W295B is a vintage, early 1970's, West German, discrete solid state 3-band eq with beautiful sounding transformer inputs and outputs and the very special Sitral transistor. The unit used for this release is all original in excellent working condition.

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It is regularly compared to the 'GEQ' and Pultec as the sweetest, silkiest sounding high end ever created, and remains in my top 5 best sounding shelf and mids as well! It is unique to other units, and has a special character all its own.

There are many other designs from the same era and later, that are based upon the same schematics, but because the parts used for the Siemens model were only made for their W295B production, and are no longer available, the difference in pristine quality from others like ANT, Filtek, BFE, etc. can be heard. Yes, there are others that come close, but none that are equal. After the closing of Telefunken's ELA, ANT arrived for replacements and servicing, but the original transistor created for the Siemens was replaced with rather plain sounding new parts, as is the case for the variant 'versions' of the '295'.

The Siemens used to be the best bargain in high end eq. You will find user's comments stating 'my favorite vocal eq' for tracking and 'my favorite mastering eq' for certain types of music. But now, the price for them climbs daily, as every unit that exists either resides in a high end studio or mastering facility, and very few ever return to circulation unless they cannot be serviced. Thanks to your support of "The Peak" EQ, I tracked down and purchased an extremely special unit specifically for this release.

Program List

"Siemens W295B" EQ

W295B Hi Shelf
W295B HiShlfCln
W295B Hi_Lo Shlf
W295B HLShlfCln
W295B HLShlfInt
W295B HLShlfInt+
W295B HLShlfi-C
W295B Low Shelf
W295B LoShlfCln
W295B Mid Cln
W295B Mid EQ
W295B Mid Int
W295B Mid I-C
W295B Mid Int+
W295BPreHot
W295BPreH2
W295BPreMed1
W295BPreMed2
W295BPreLo1
W295BPreLo2

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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