Alessandro Boschi

ACUSTICA AUDIO   NEBULA3 PRO

VVKT inside   BYPASS
                                OVER

ProgMode   SMP: 300   KRN: 6   PRF: 14 %   L
                                  SAVE   RELOAD
AlexB 4KD²⁰⁰ₖ   ECONO   BYPASS
                                          EDIT

DSC: www.alessandroboschi.eu
FRT: 96000 Hz -> 96000 Hz

GAIN IN: 0.0000 dB   GAIN OUT: 0.0000 dB
THRESHD: -0.000 dB ATT: 30.000 ms
LIQUIDTY: 0.0000 %   REL: 0.1000 s
REDUCTION: -2.991 dB   INPUT L: -0.010 dB
MAKEUP: 0.0000 dB   OUTPUT L: -3.002 dB
PROG   KERN   MAST   MIDI   DISK

INPUT

OUTPUT

INPUT   OUTPUT

1   2   3   4   5   6   7   8

ATT   REL   THRSH   -   AHEAD   DRIVE   MAKP   LIQDT
30.00   0.10   -0.00   0.00   0.00   0.00   0.00
ms   s   dB   ms   dB   dB   %

Audio Engineering

AlexB – 4KD PRO
Library for Nebula3 audio plugin

Library Creator: Alessandro Boschi
Release Date: 06.2011
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1. Introduction

Welcome and thank you for purchasing the *4KD PRO* library programs for Nebula.
Now you have one of the best professional high quality audio software. I have spent countless hours to develop these no-compromise programs to give you only the best analog sound and the feel as close as possible to the real deal. I hope that my programs will help you to make better and professional mixes enjoying yourself... Because: Sound First !

If you have any trouble with my software please do not hesitate to contact me: sales@alessandroboschi.eu

2. System Requirements

- Intel or AMD CPU based PC or MAC computer
- 200MB free disk space
- Nebula3 Core II with installed commercial license

For more info please refer at this topic:
http://www.acustica-audio.com/forum/index.php?f=13&t=1545&rb_v=viewtopic

3. End User License Agreement

The customer purchases the right to license the use of the programs, not the actual ownership of a copy of the program. The purchaser of this library is free to use these Nebula Preset Programs for mixing, remixing, mastering, premastering, editing, and whatever it takes to make their recordings as great as the presets can help them to be. Only the actual purchaser of the library may use this library. That means no sharing or resell. The cost is minimal, and goes to help me to continue creating the next release(s) :

I'm not a big company but a single person, so every sale is important !

If you purchase this library, do not share it: recommend it ! With each release there will be free release presets.
This program-library is for registered Nebula Commercial users only!
Do Giancarlo and Team at Acustica Audio the same respect of purchasing a legitimate copy of Nebula. The cost is the best deal on the planet, and they work tirelessly on this project.
Users are not permitted to re-release, copy, upload, mirror links to this library, and it may not under any circumstances be repackaged or included in other release collections without express consent by it's owner: Alessandro Boschi.
The user is free to edit and save new presets for their own use, and not to distribute to others. If you make an alteration to a preset that you like and find it useful, please save it as a new preset for your own use.

Thank you

4. Installation

> Please install the last release of Nebula Plugin <

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:
Use the "LibraryInstall.app" or copy all "n2p" files to your Nebula "Programs" folder and copy all "n2v" files to your "Vectors" folder.

With the Nebula browser you'll find the "4KD" folder with the programs. You can navigate into the "44" (44,1kHz) and "96" (96kHz) subfolders. Every subfolder contains "CH" (channel compressor), "GC" (group compressor), and "LMC" (Listen Mic compressor) folders with the programs.

- In the Nebula's MAST page it's better to set the RATE CNV at 3200ms or more to load correctly the library.

5. About the original hardware

Dynamics collection from the world's most successful studio production console which was the first one to incorporate dynamics processing in every channel and a master compressor in the console centre section. It's the first choice of world's best audio engineers to give punch, drive and to glue the mix together maintaining under control the dynamics of single tracks.

6. The sampling process

Carefully sampled with all natural imperfection and nuance by myself - I'm over 15 years experienced in electronics and audio engineering - in professional recording studio with high quality audio and digital cables, master grade top notch converters with audio levels perfectly matched and calibrated at 44,1kHz and 96kHz sample rate. Precisely programmed without normalizing or other destructive digital processing.

8. Audio characteristics

Punch, drive and dynamics are the mains characteristics of THAT sound, here sampled with the whole natural imperfection and nuance, thanks to a properly 44,1kHz and 96kHz sampling process. The compressors have been refurbished and every single stage has been isolated from the console to maintain the pure audio path without unwanted console coloration.
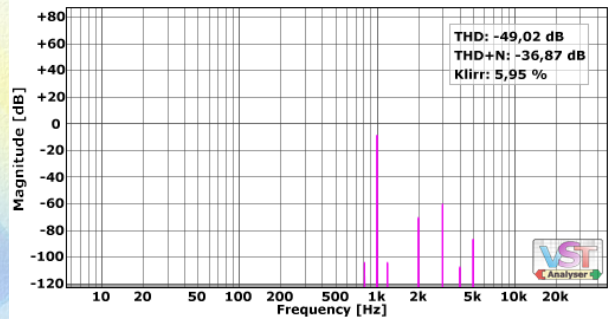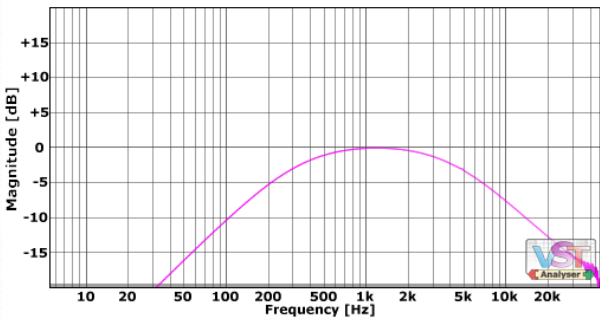
In the following diagrams you can see the frequency response and harmonic contents.
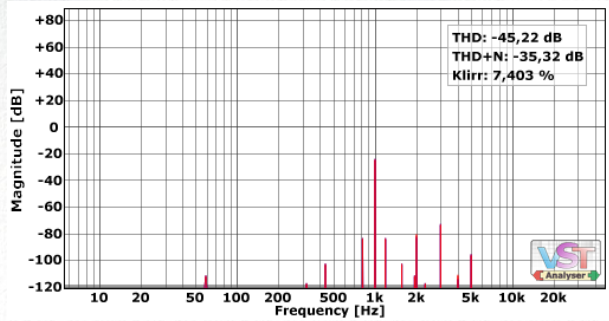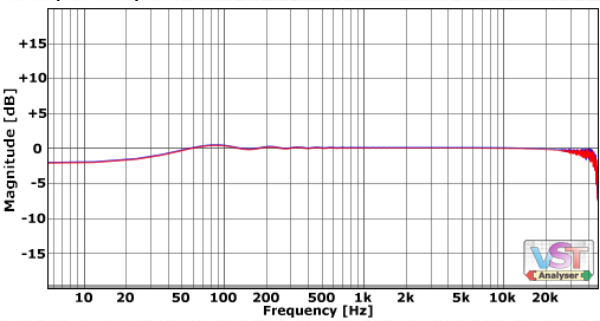
Channel Compressor
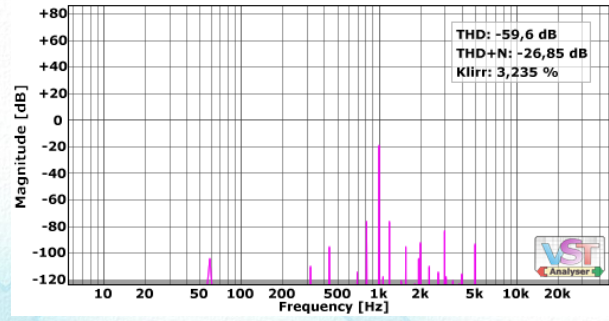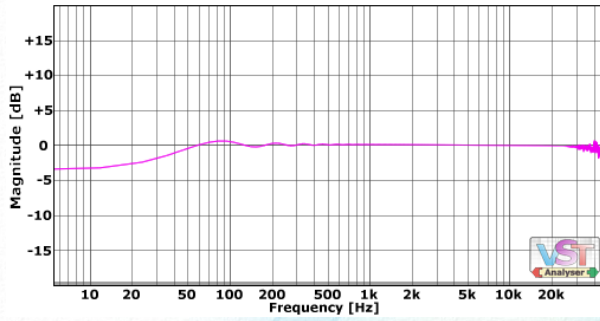
Listen Mic Compressor

Group Compressor

9. Preset list:

The 4KD PRO library includes 64 different programs:

<u>**Channel Compressor**</u>
Programs 5k

4KD CH 1,5:1   : channel compressor with 1,5:1 ratio - mono
4KD CH 1,5:1 s   : channel compressor with 1,5:1 ratio - mono with sidechain function
4KD CH 1,5:1 st   : channel compressor with 1,5:1 ratio - stereo
4KD CH 1,5:1 sts : channel compressor with 1,5:1 ratio - stereo with sidechain function

4KD CH 2:1   : channel compressor with 2:1 ratio - mono
4KD CH 2:1 s   : channel compressor with 2:1 ratio - mono with sidechain function
4KD CH 2:1 st   : channel compressor with 2:1 ratio - stereo
4KD CH 2:1 sts   : channel compressor with 2:1 ratio - stereo with sidechain function

4KD CH 2,5:1   : channel compressor with 2,5:1 ratio - mono
4KD CH 2,5:1 s   : channel compressor with 2,5:1 ratio - mono with sidechain function
4KD CH 2,5:1 st   : channel compressor with 2,5:1 ratio - stereo
4KD CH 2,5:1 sts : channel compressor with 2,5:1 ratio - stereo with sidechain function

4KD CH 3:1   : channel compressor with 3:1 ratio - mono
4KD CH 3:1 s   : channel compressor with 3:1 ratio - mono with sidechain function
4KD CH 3:1 st   : channel compressor with 3:1 ratio - stereo
4KD CH 3:1 sts   : channel compressor with 3:1 ratio - stereo with sidechain function

4KD CH 4:1   : channel compressor with 4:1 ratio - mono
4KD CH 4:1 s   : channel compressor with 4:1 ratio - mono with sidechain function
4KD CH 4:1 st   : channel compressor with 4:1 ratio - stereo
4KD CH 4:1 sts   : channel compressor with 4:1 ratio - stereo with sidechain function

4KD CH 5:1   : channel compressor with 5:1 ratio - mono
4KD CH 5:1 s   : channel compressor with 5:1 ratio - mono with sidechain function
4KD CH 5:1 st   : channel compressor with 5:1 ratio - stereo
4KD CH 5:1 sts   : channel compressor with 5:1 ratio - stereo with sidechain function

4KD CH 7:1   : channel compressor with 7:1 ratio - mono
4KD CH 7:1 s   : channel compressor with 7:1 ratio - mono with sidechain function
4KD CH 7:1 st   : channel compressor with 7:1 ratio - stereo
4KD CH 7:1 sts   : channel compressor with 7:1 ratio - stereo with sidechain function

4KD CH 8:1   : channel compressor with 8:1 ratio - mono
4KD CH 8:1 s   : channel compressor with 8:1 ratio - mono with sidechain function
4KD CH 8:1 st   : channel compressor with 8:1 ratio - stereo
4KD CH 8:1 sts   : channel compressor with 8:1 ratio - stereo with sidechain function

4KD CH 12:1   : channel compressor with 12:1 ratio - mono
4KD CH 12:1 s   : channel compressor with 12:1 ratio - mono with sidechain function
4KD CH 12:1 st   : channel compressor with 12:1 ratio - stereo
4KD CH 12:1 sts : channel compressor with 12:1 ratio - stereo with sidechain function

4KD CH 20:1   : channel compressor with 20:1 ratio - mono
4KD CH 20:1 s   : channel compressor with 20:1 ratio - mono with sidechain function
4KD CH 20:1 st   : channel compressor with 20:1 ratio - stereo
4KD CH 20:1 sts : channel compressor with 20:1 ratio - stereo with sidechain function

4KD CH 60:1   : channel compressor with 60:1 ratio - mono
4KD CH 60:1 s   : channel compressor with 60:1 ratio - mono with sidechain function
4KD CH 60:1 st   : channel compressor with 60:1 ratio - stereo
4KD CH 60:1 sts : channel compressor with 60:1 ratio - stereo with sidechain function

4KD CH 100:1   : channel compressor with 100:1 ratio - mono
4KD CH 100:1 s   : channel compressor with 100:1 ratio - mono with sidechain function
4KD CH 100:1 st : channel compressor with 100:1 ratio - stereo
4KD CH 100:1 sts : channel compressor with 100:1 ratio - stereo with sidechain function

Attack control is continuous instead at switch, so more flexibility thanks to Nebula interpolation.

Listen Mic Compressor
Programs 5k

4KD LMC   : listen mic compressor - mono
4KD LMC s   : listen mic compressor - mono with sidechain function
4KD LMC st   : listen mic compressor - stereo
4KD LMC sts : listen mic compressor - stereo with sidechain function

Group Compressor
Programs 5k

4KD GC 2:1   : group compressor with 2:1 ratio - stereo
4KD GC 2:1 s   : group compressor with 2:1 ratio - stereo with sidechain function
4KD GC 2:1 A   : group compressor with 2:1 ratio - stereo Auto release
4KD GC 2:1 A s : group compressor with 2:1 ratio - stereo Auto release with sidechain function

4KD GC 4:1   : group compressor with 4:1 ratio - stereo
4KD GC 4:1 s   : group compressor with 4:1 ratio - stereo with sidechain function
4KD GC 4:1 A   : group compressor with 4:1 ratio - stereo Auto release
4KD GC 4:1 A s : group compressor with 4:1 ratio - stereo Auto release with sidechain function

4KD GC 10:1   : group compressor with 10:1 ratio - stereo
4KD GC 10:1 s   : group compressor with 10:1 ratio - stereo with sidechain function
4KD GC 10:1 A : group compressor with 10:1 ratio - stereo Auto release
4KD GC 10:1 A s : group compressor with 10:1 ratio - stereo Auto release with sidechain function

Attack and Release controls are continuous instead at switch, so more flexibility thanks to Nebula interpolation.

10. Use:

Just insert the instance of Nebula plugin in your tracks choosing the compressor that you prefer.
Use your ears and not Nebula meters.

The programs are unity gain. You can use the "drive" control to drive the plugin over the original characteristics.

The programs are close to the hardware, then: 0dBVU = -18dBfs.

You can use this free vintage VU meter by PSP:
http://www.pspaudioware.com/plugins/tools_and_meters/psp_vintagemeter/

If your DAW is not so powerful you can render or freeze the tracks.

If you want rendering your tracks with Nebula's presets, I strong recommend the NRGUI PRO by Zabukowski from Nebula/Tools forum:
http://www.acustica-audio.com/forum/index.php?f=23&t=166&rb_v=viewtopic

Thank you, all the best !

www.alessandroboschi.eu