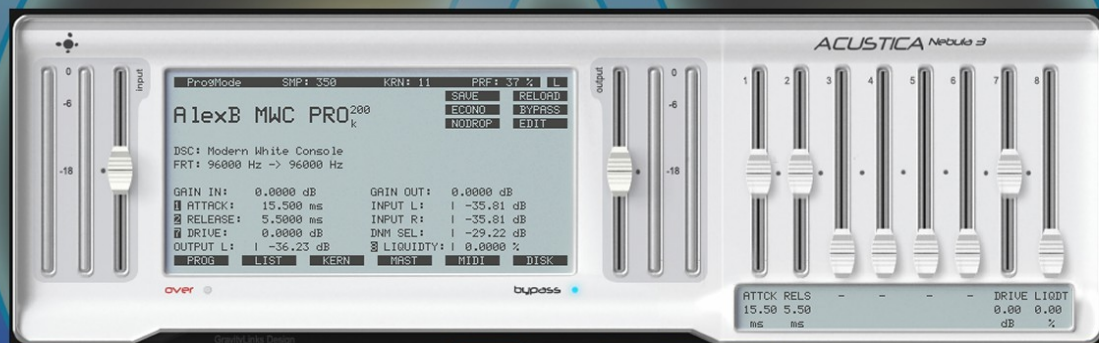


Alessandro Boschi



Audio Engineering



AlexB - Modern White Console PRO

Library for Nebula3 audio plugin

Library Creator: Alessandro Boschi

Release Date: 08.2010

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1. Introduction

Welcome and thank you for purchasing the *Modern White Console 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
- 820MB free disk space
- Nebula2 or Nebula3 with installed commercial license

For the best results and low CPU load it's recommended to use the Nebula3CoreII "reverb" instance.

3. End User License Agreement

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. 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 \nebulatemp repository 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.

With the Nebula browser you'll find the "MWC" folder with the programs. With double click you can navigate into the "full" (basic) and "se" (special edition) subfolders. Every subfolder contains "IN" (input channel), "BG" (buss group), "MB" (mix buss) and "FX" (send-return) folders. As bonus you'll find the exclusive "Precision Analog Panner" (-3dB pan law) into the "PAN" folder.

- 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

This excellent console has the most sweet, modern and musical sound. The circuit topology is unprecedented: custom transformers, high voltage, discrete op-amp cards that have been developed to offer extended headroom, dynamic range, and frequency response.

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 96kHz sample rate. Precisely programmed without normalizing or other destructive digital processing.

7. The programs

The basic programs have "full" harmonic and dynamic contents as the original hardware, the "se" programs are CPU friendly with less and different harmonic contents but with full dynamic as the basic version. Nobody with "golden ears" will say they sound exactly like the basic version, but they still sound great and are very usable.



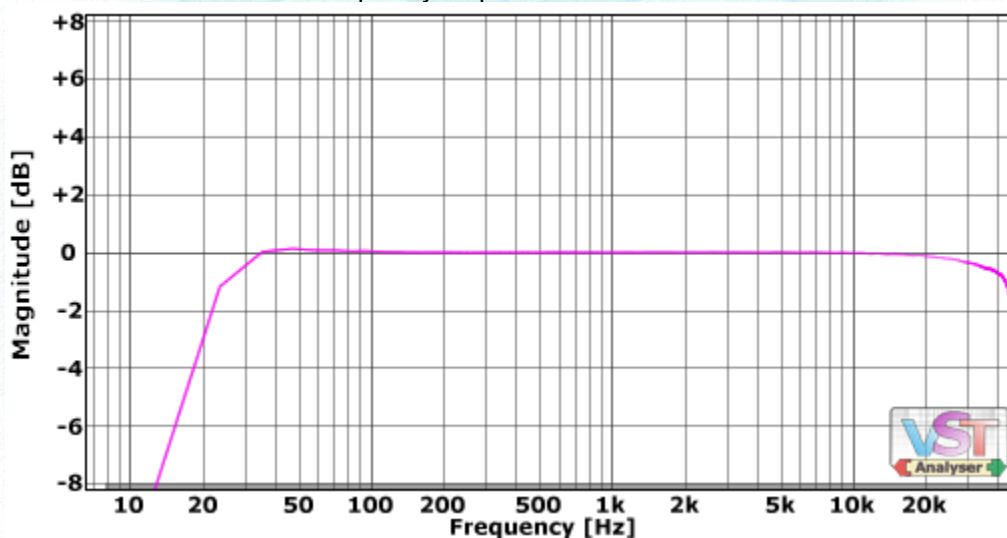
8. Audio characteristics

Elegant, warm and dynamic are the main characteristics of the sound, ideally perfect for modern pop and rock mix, here sampled with the whole natural imperfection and nuance, thanks to a properly 96kHz sampling process.

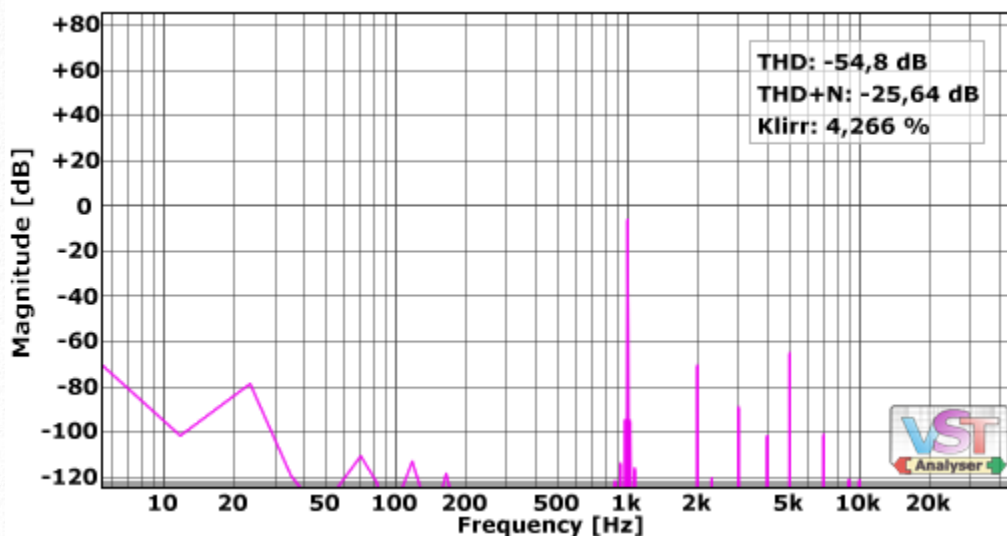
In the following diagrams you can see the differences between the input channels of the console due to the natural tolerance by electronic components, the buss groups and the mix busses. Please take some time to listen and learn how every preset sounds, this can help you to choose the right one to fit in your tracks.

Knowing every console stage's sound is the main secret for to do the better mix

IL1: Input line clean
Frequency response at flat controls

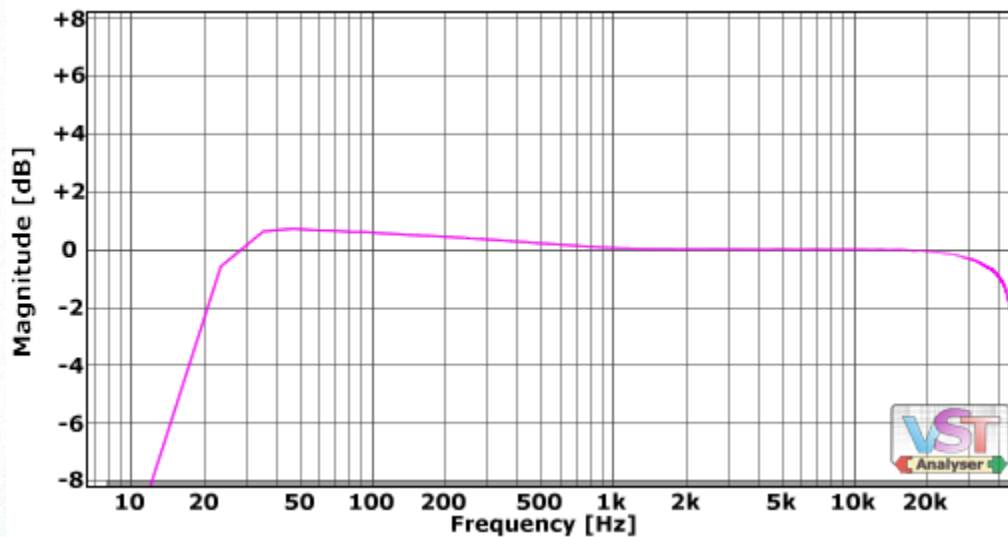


Harmonic contents at flat controls 1Khz -3dBfs test tone

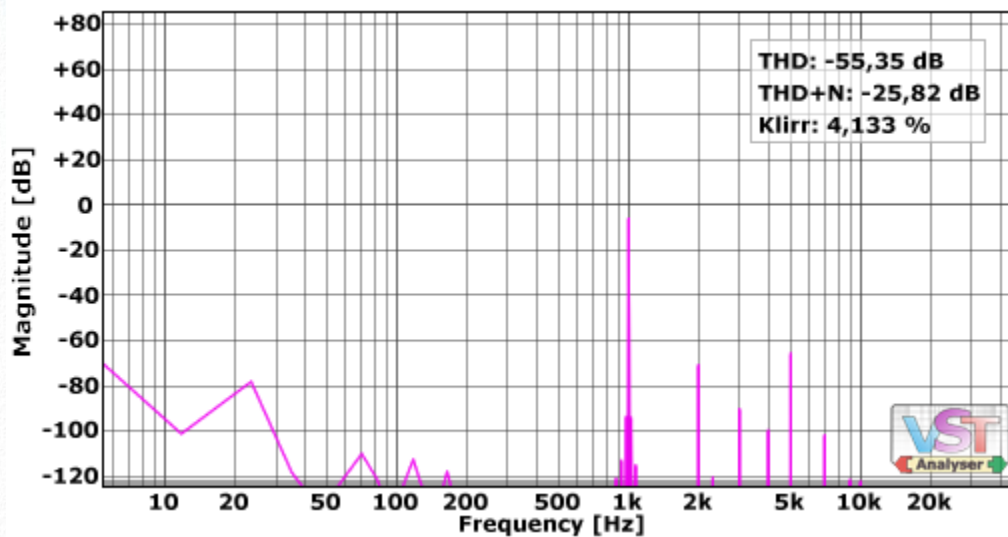




IL2: Input line clean
Frequency response at flat controls

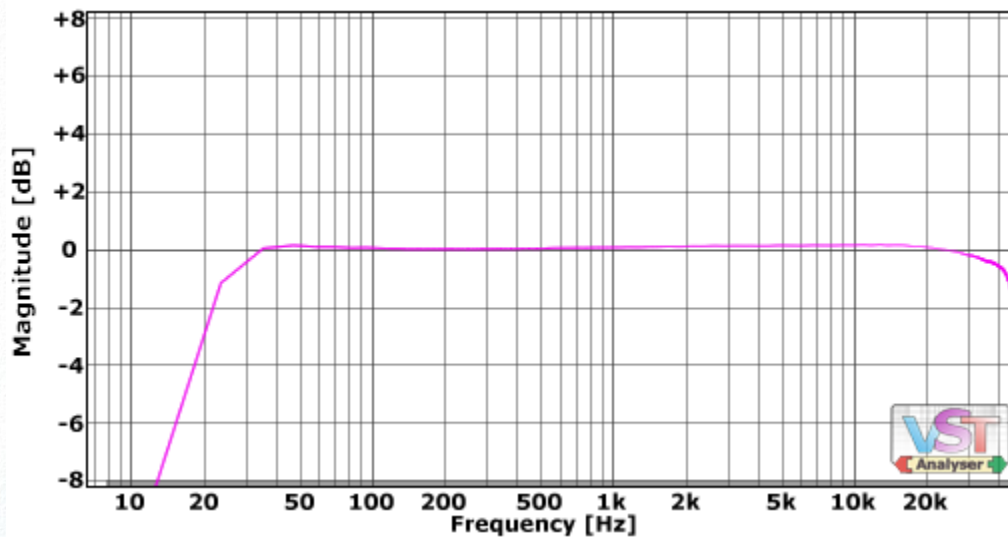


Harmonic contents at flat controls 1Khz -3dBfs test tone

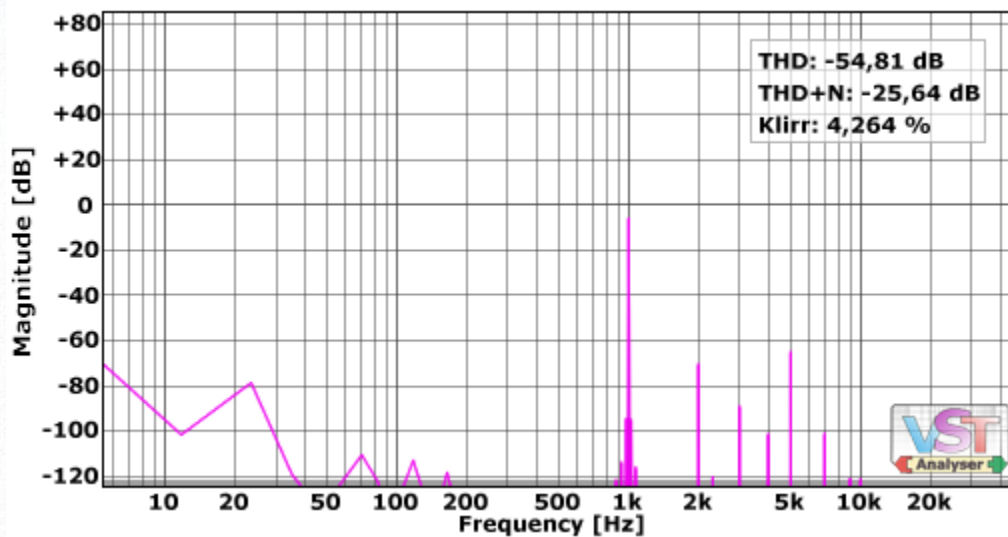




IL3: Input line Clean
Frequency response at flat controls

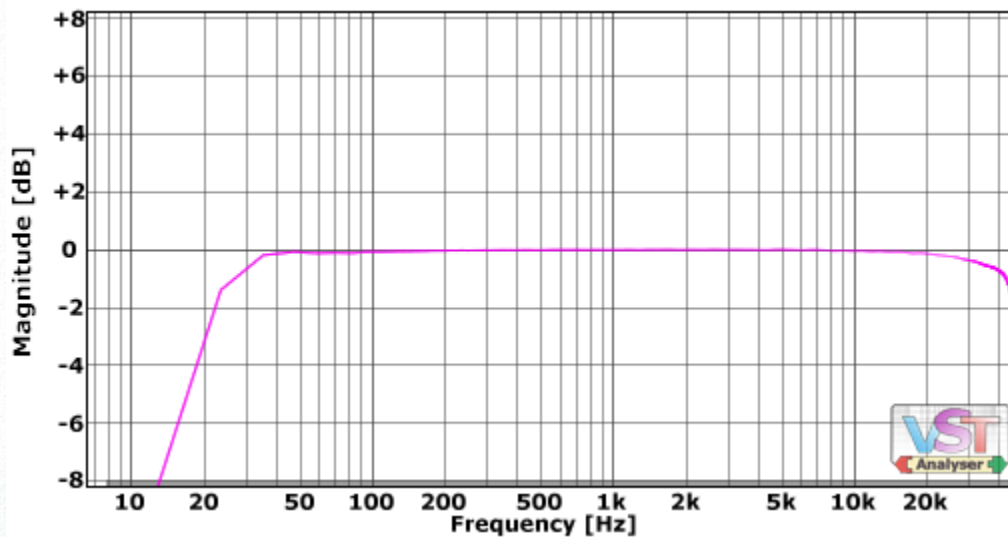


Harmonic contents at flat controls 1Khz -3dBfs test tone

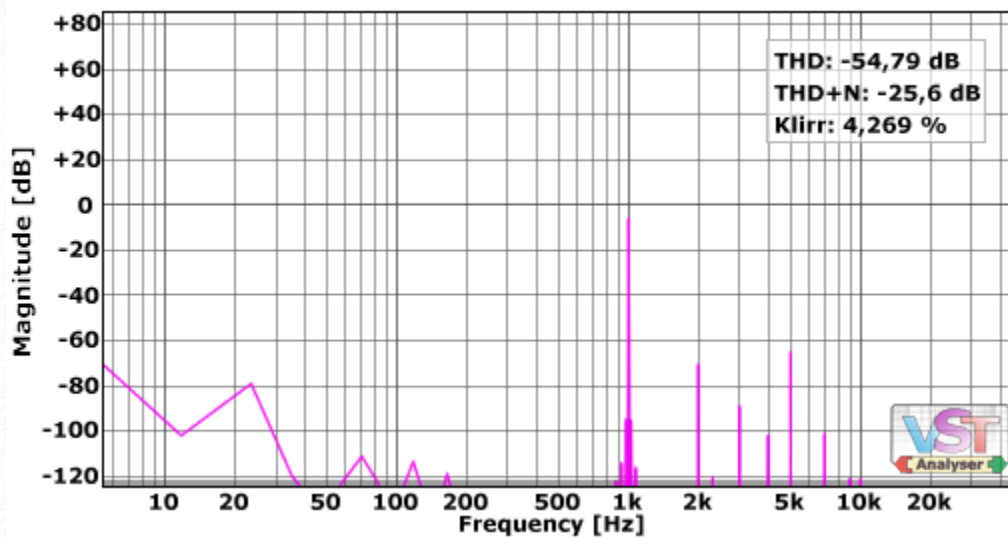




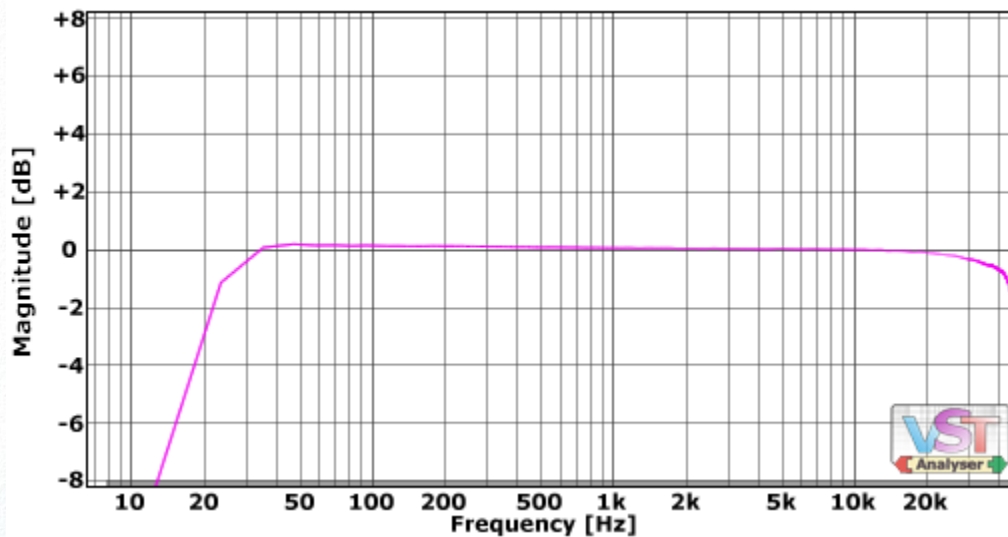
IL4: Input line clean
Frequency response at flat controls



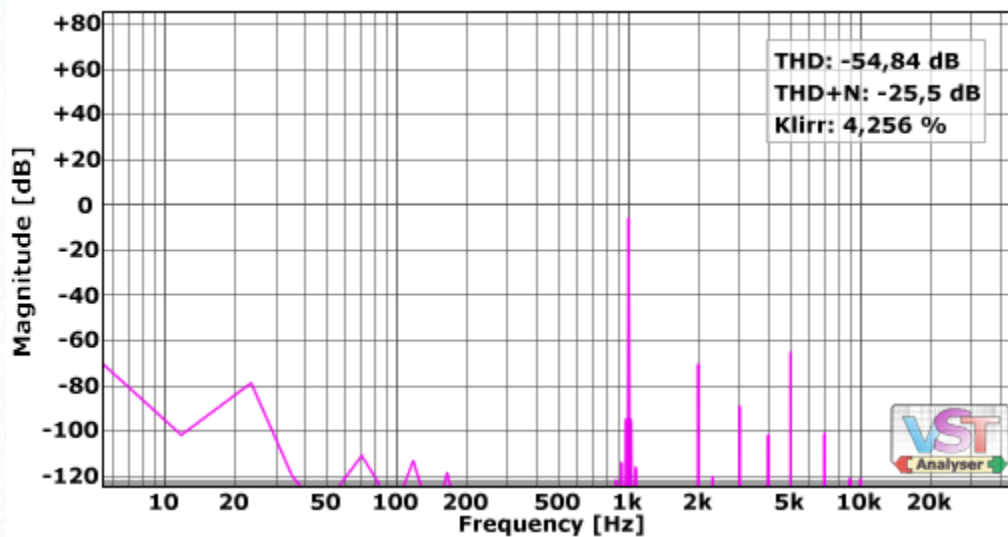
Harmonic contents at flat controls 1Khz -3dBfs test tone



IL5: Input line clean
Frequency response at flat controls

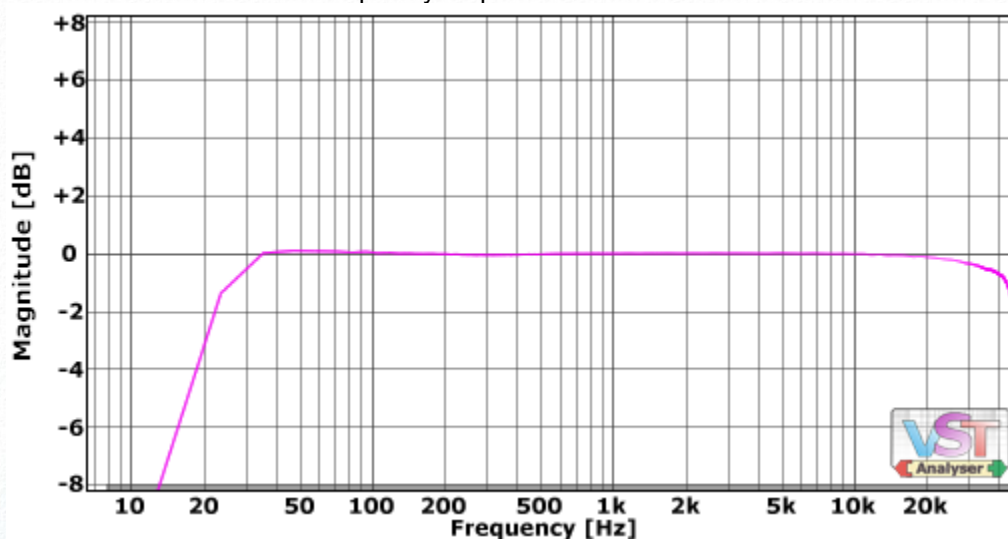


Harmonic contents at flat controls 1Khz -3dBfs test tone

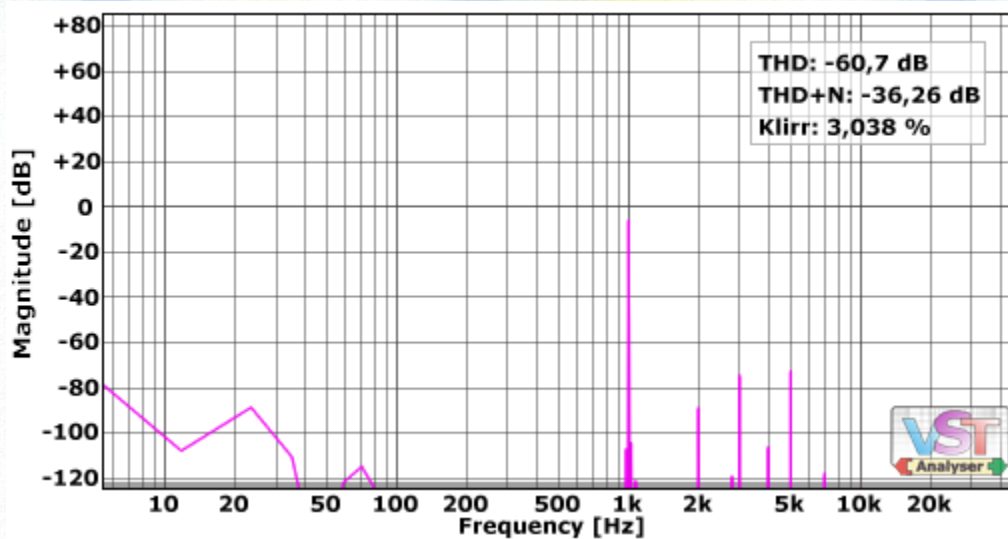




IL6: Input line clean
Frequency response at flat controls

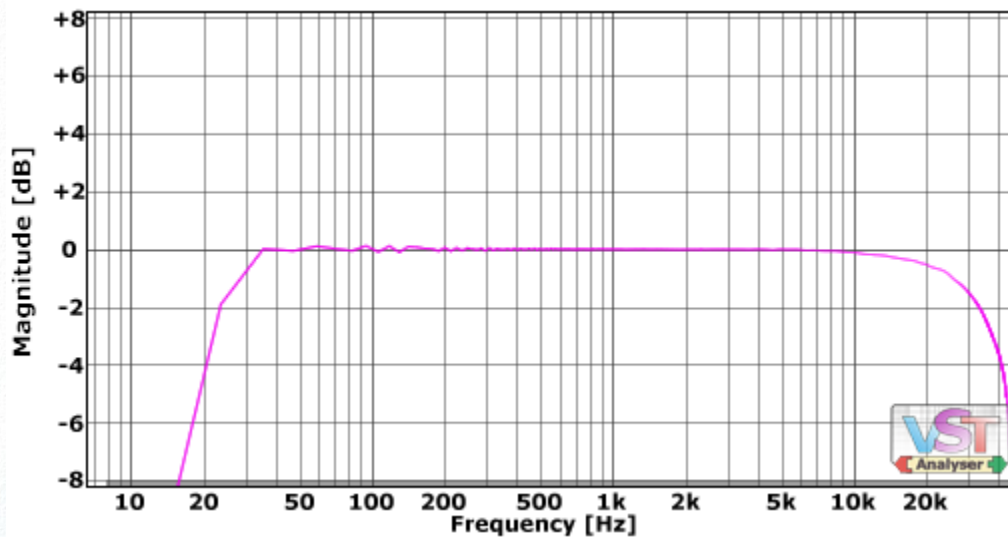


Harmonic contents at flat controls 1Khz -3dBfs test tone

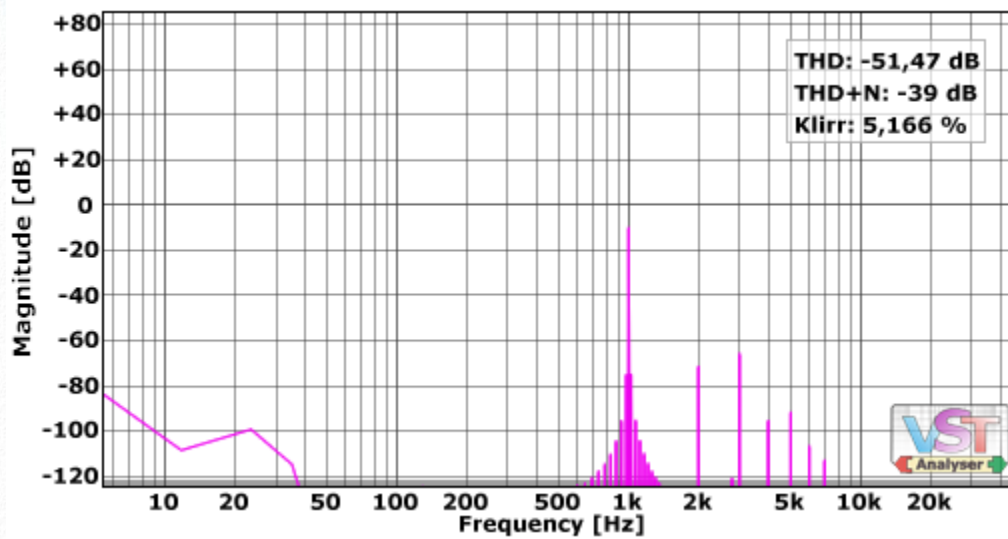




IM1: Input mic clean
Frequency response at flat controls

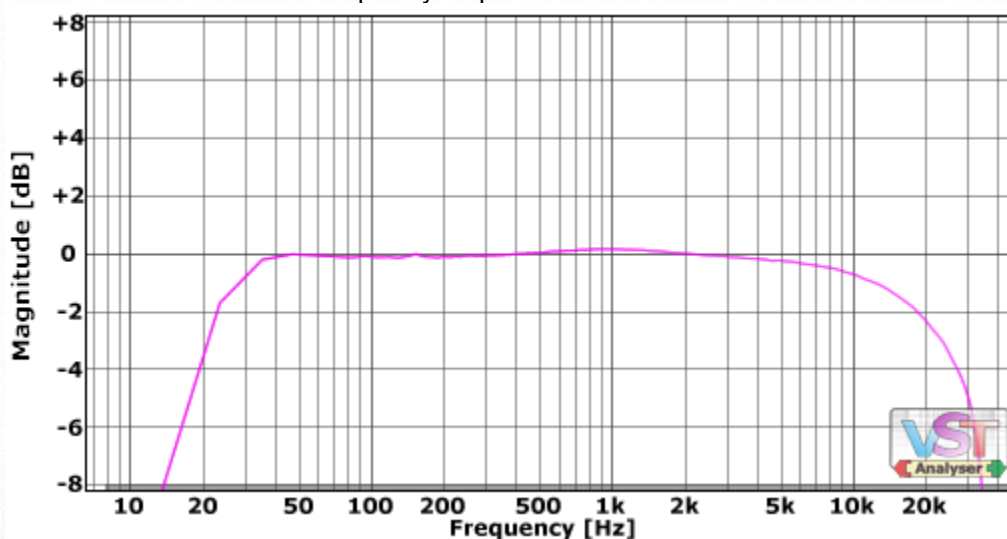


Harmonic contents at flat controls 1Khz -3dBfs test tone

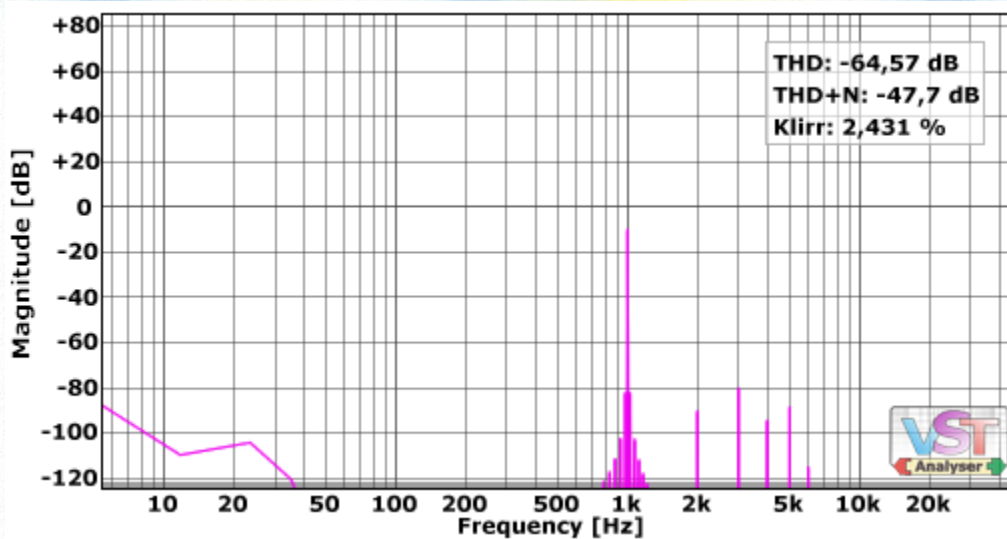




IM2: Input mic clean silk
Frequency response at flat controls

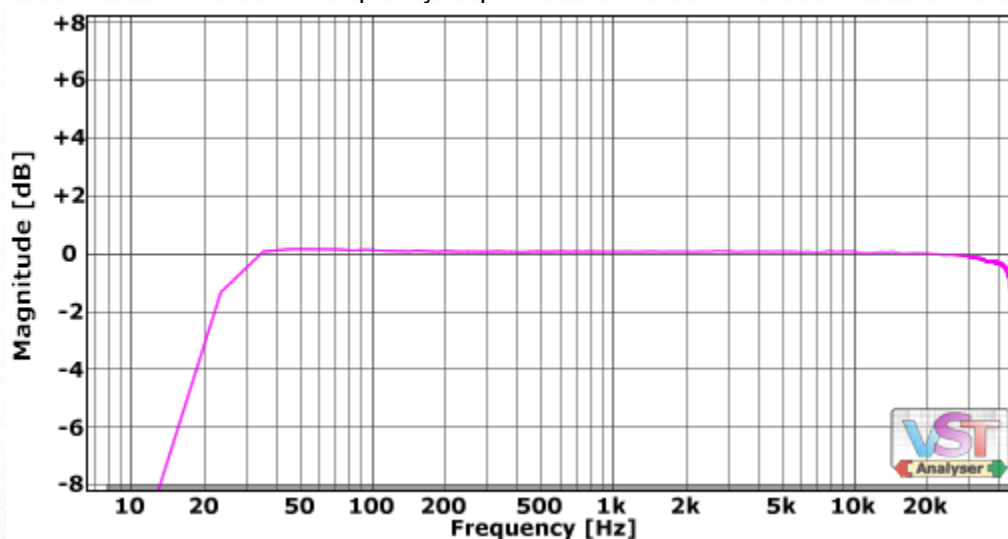


Harmonic contents at flat controls 1Khz -3dBfs test tone

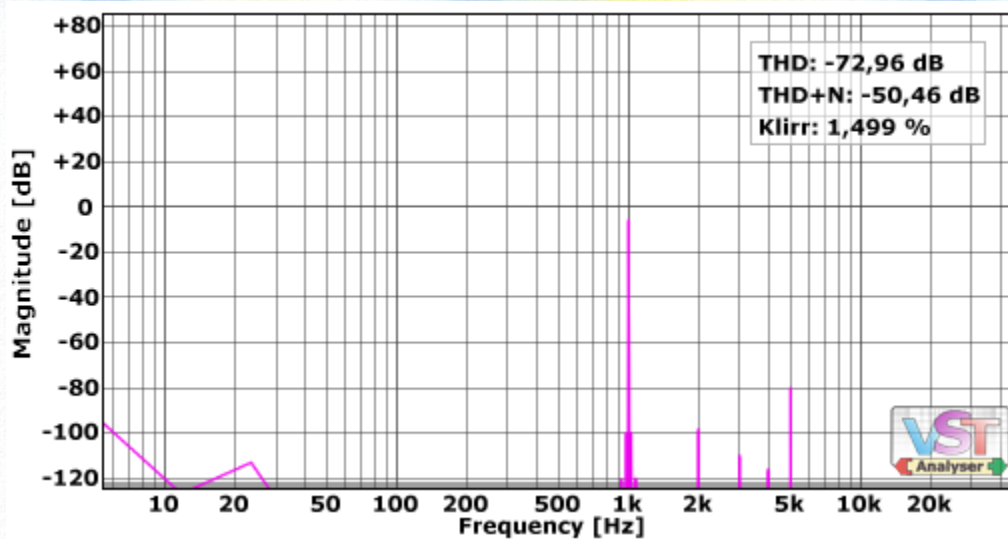




BGC: buss group clean
Frequency response at flat controls

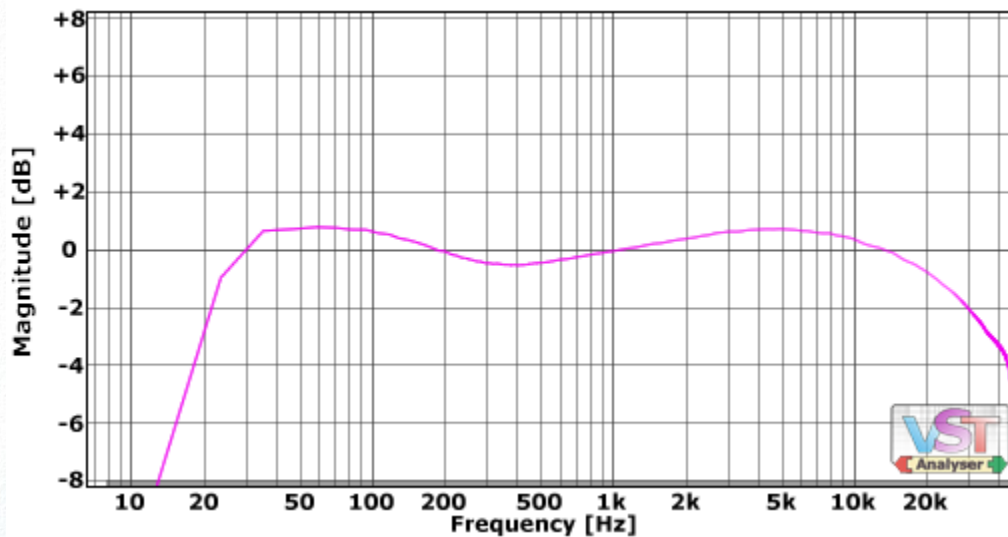


Harmonic contents at flat controls 1Khz -3dBfs test tone

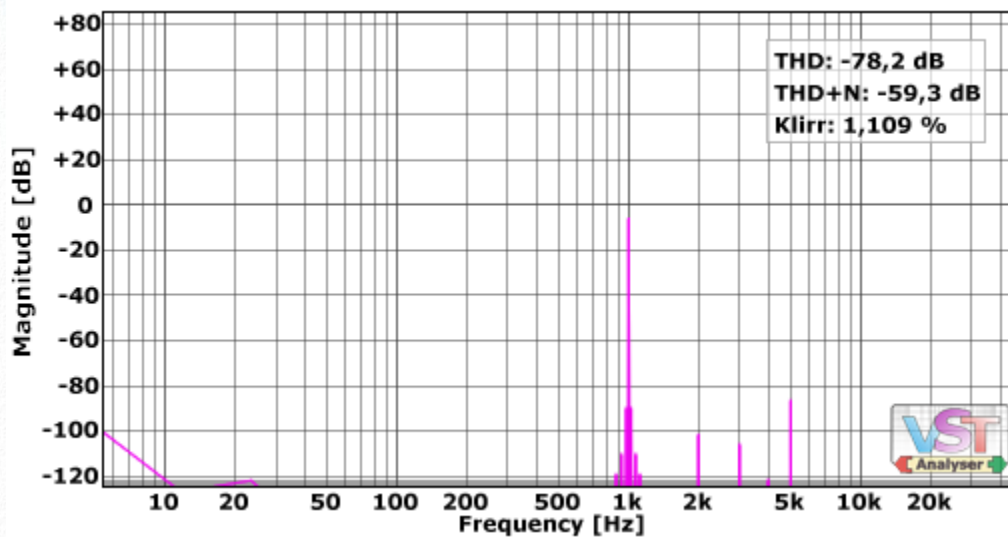




BDR: buss drums group
Frequency response at flat controls

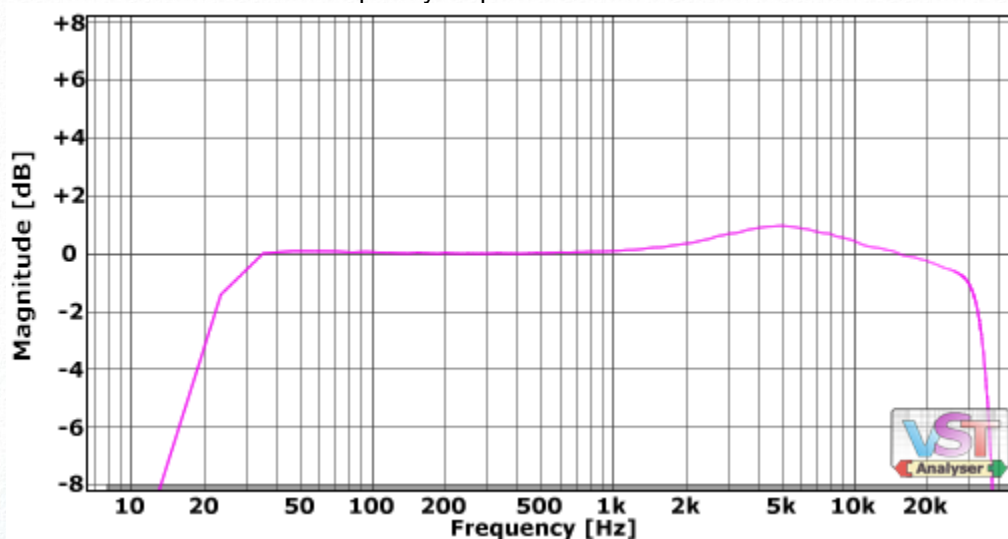


Harmonic contents at flat controls 1Khz -3dBfs test tone

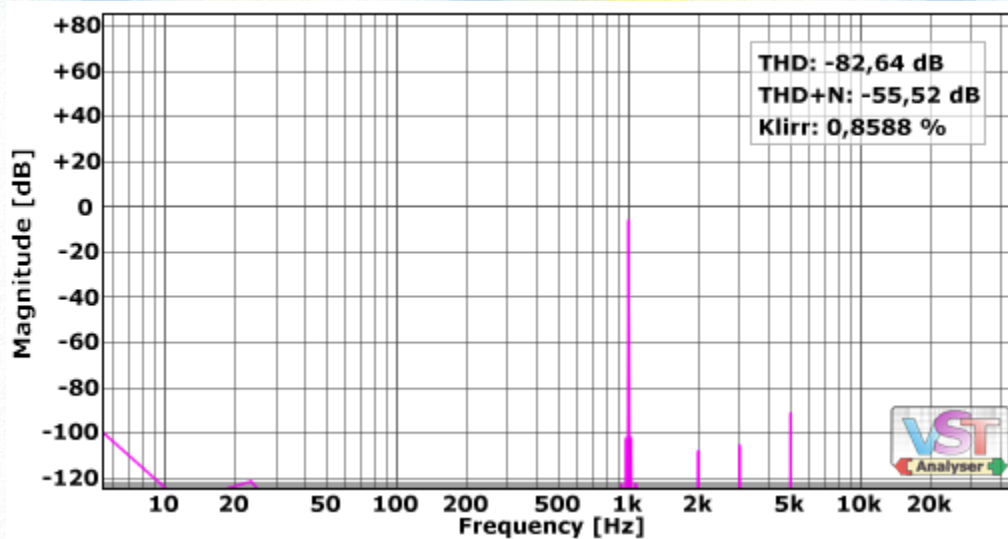




BGT: buss electric guitars group
Frequency response at flat controls

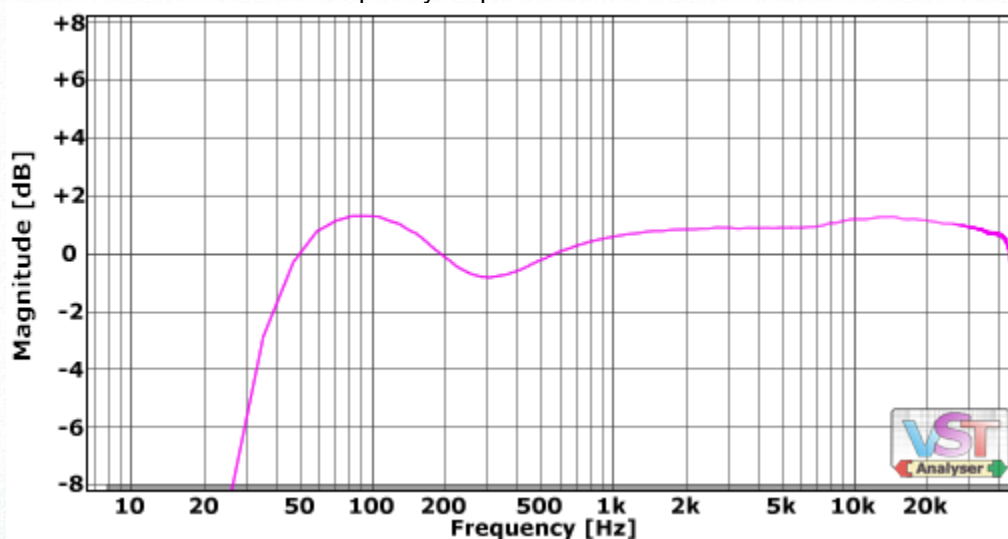


Harmonic contents at flat controls 1Khz -3dBfs test tone

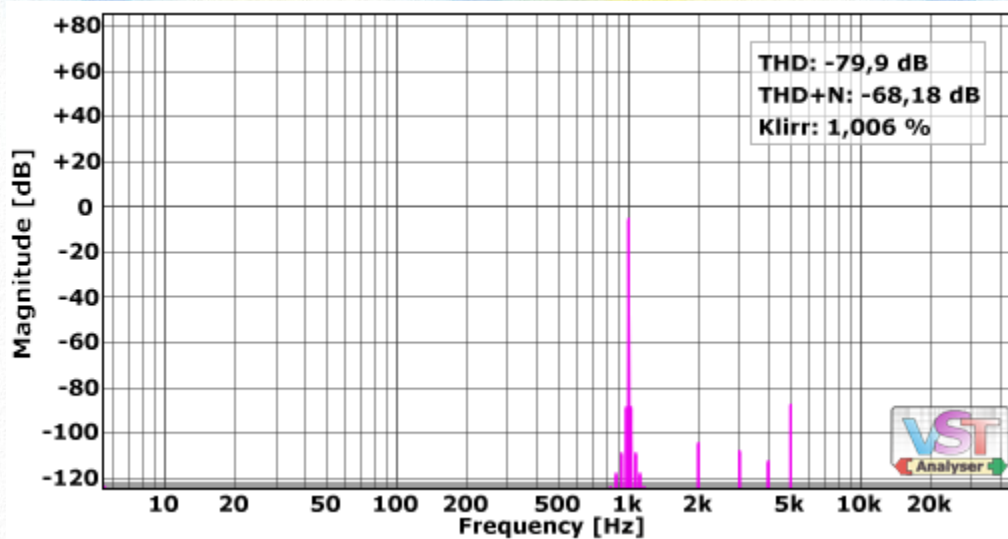




BBV: buss backing vocals group
Frequency response at flat controls

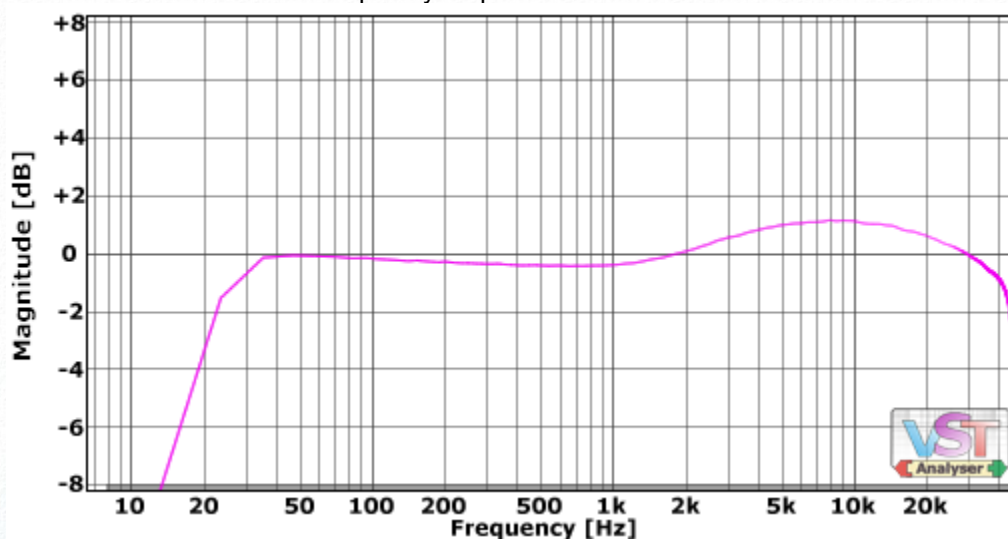


Harmonic contents at flat controls 1Khz -3dBfs test tone

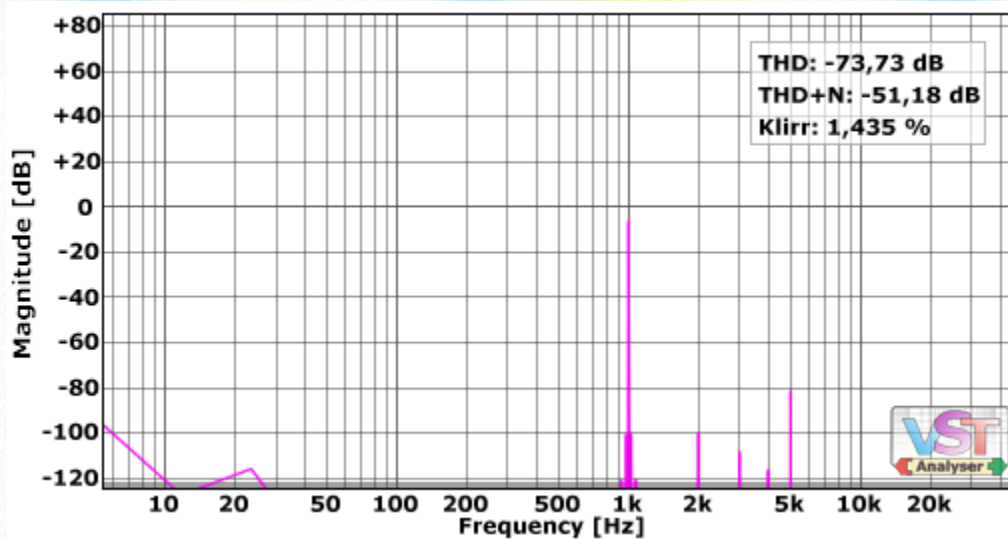




BPR: buss percussions group
Frequency response at flat controls

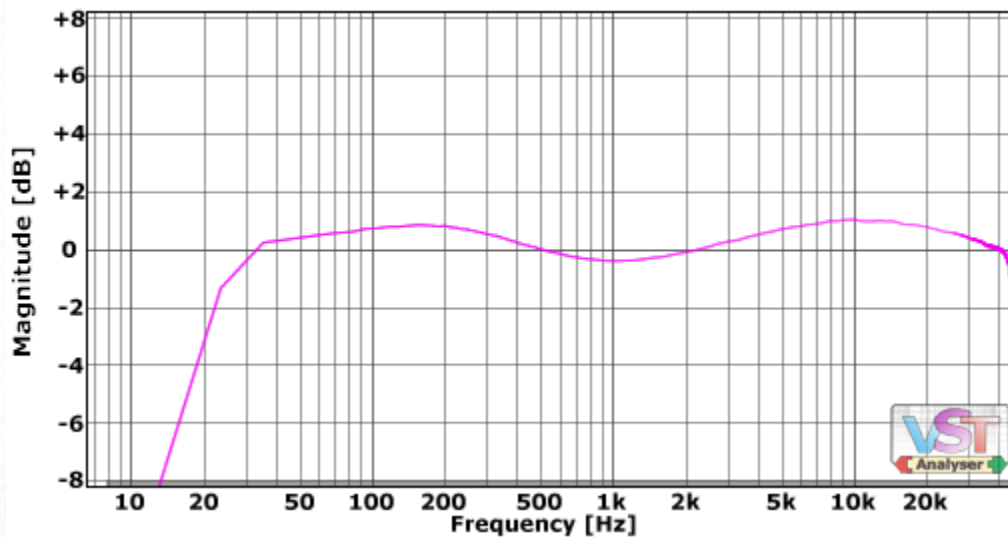


Harmonic contents at flat controls 1Khz -3dBfs test tone

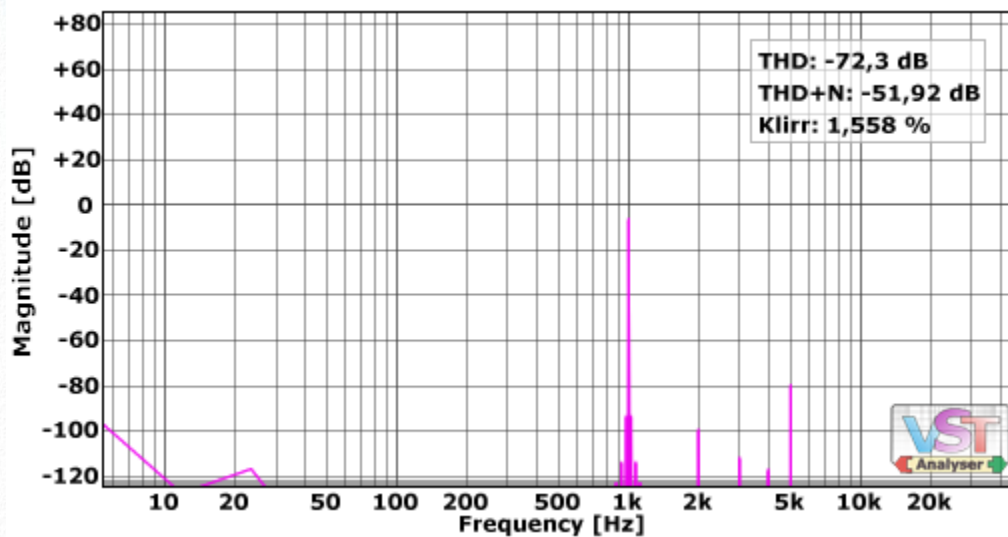




BSP: buss synth pad group
Frequency response at flat controls

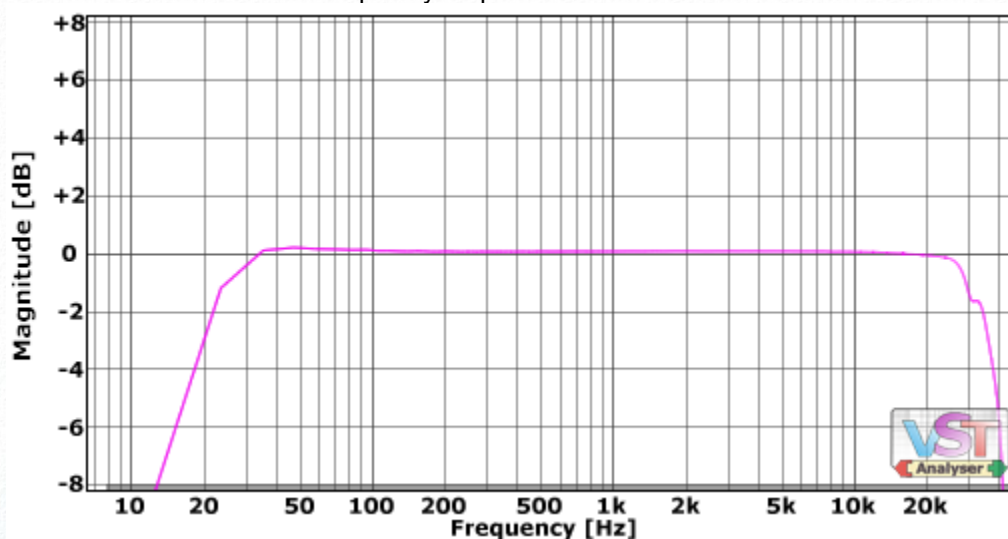


Harmonic contents at flat controls 1Khz -3dBfs test tone

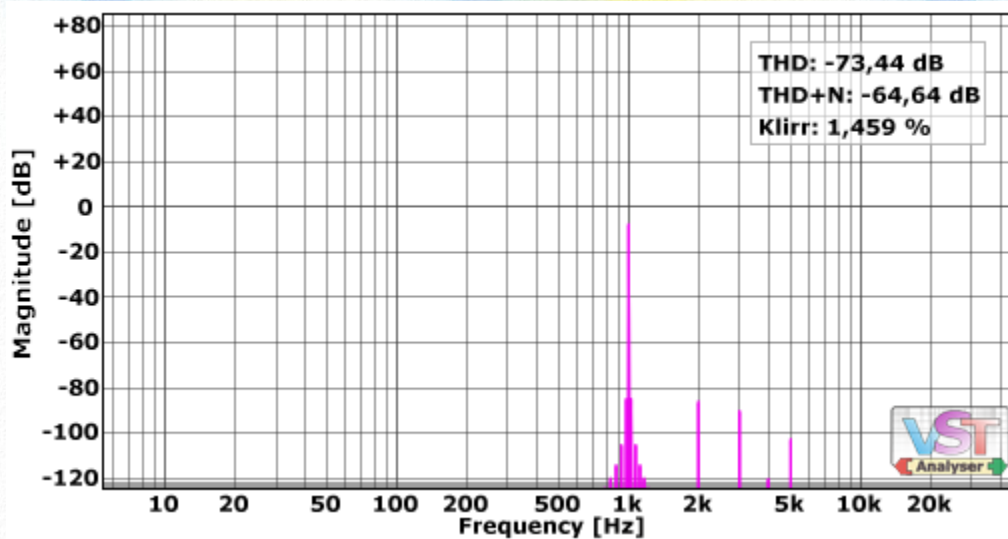




SNR: send return buss
Frequency response at flat controls

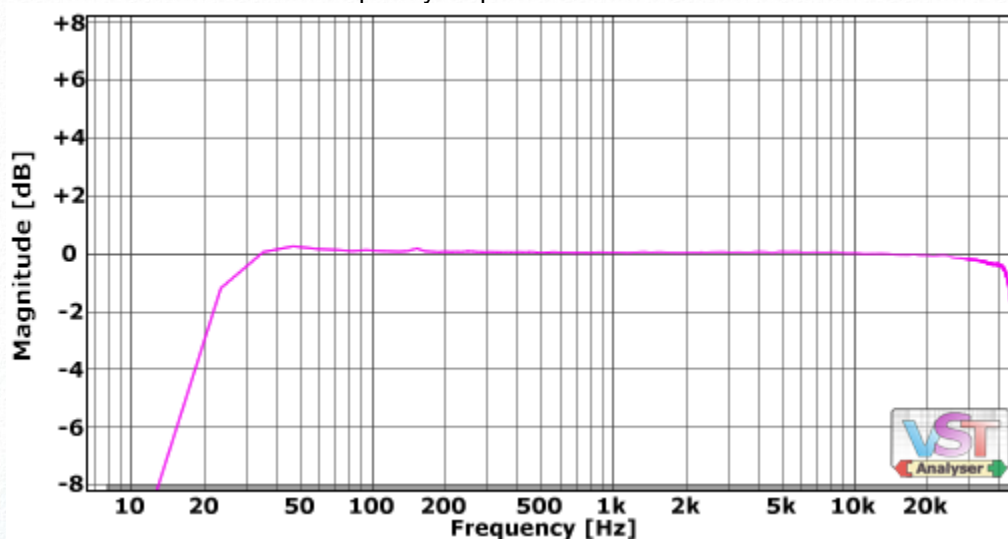


Harmonic contents at flat controls 1Khz -3dBfs test tone

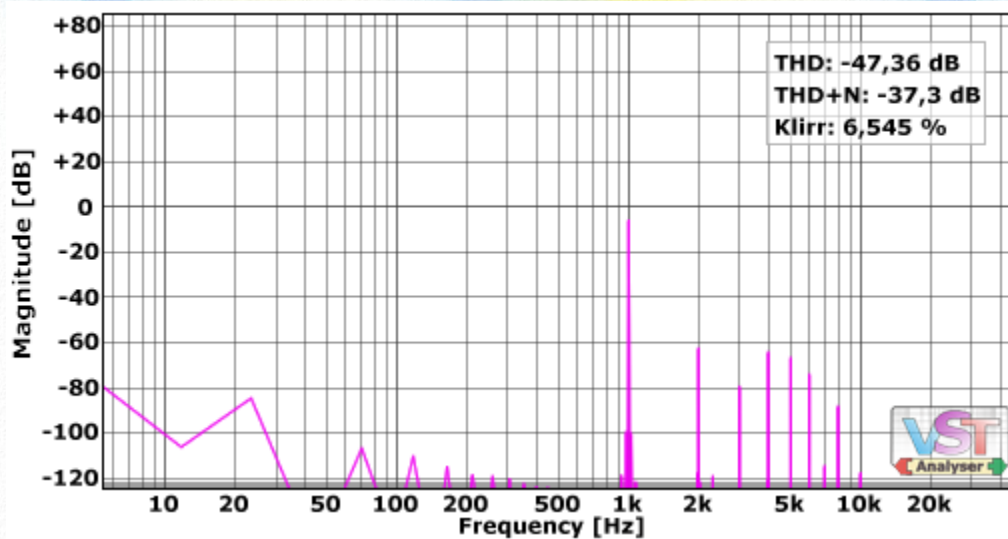




MBC: mix buss clean
Frequency response at flat controls

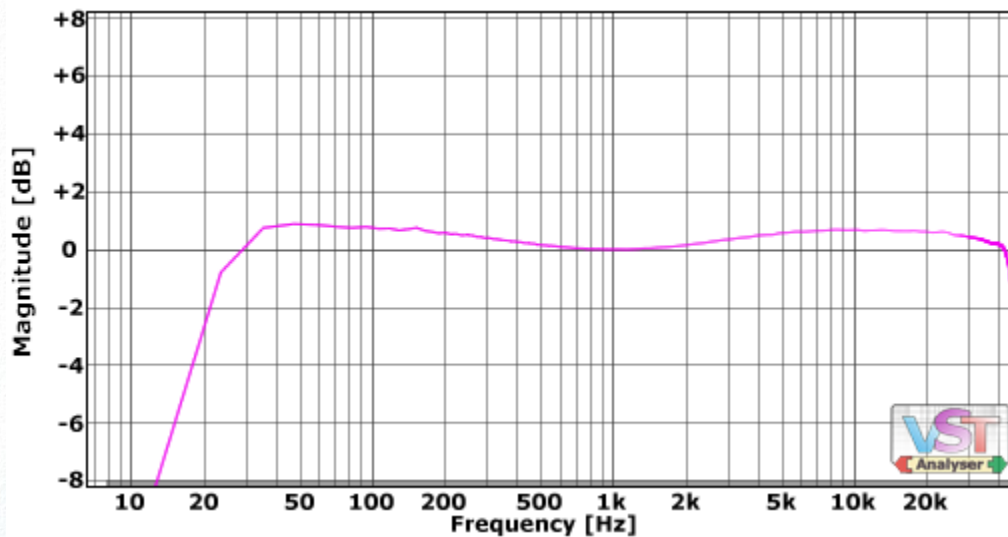


Harmonic contents at flat controls 1Khz -3dBfs test tone

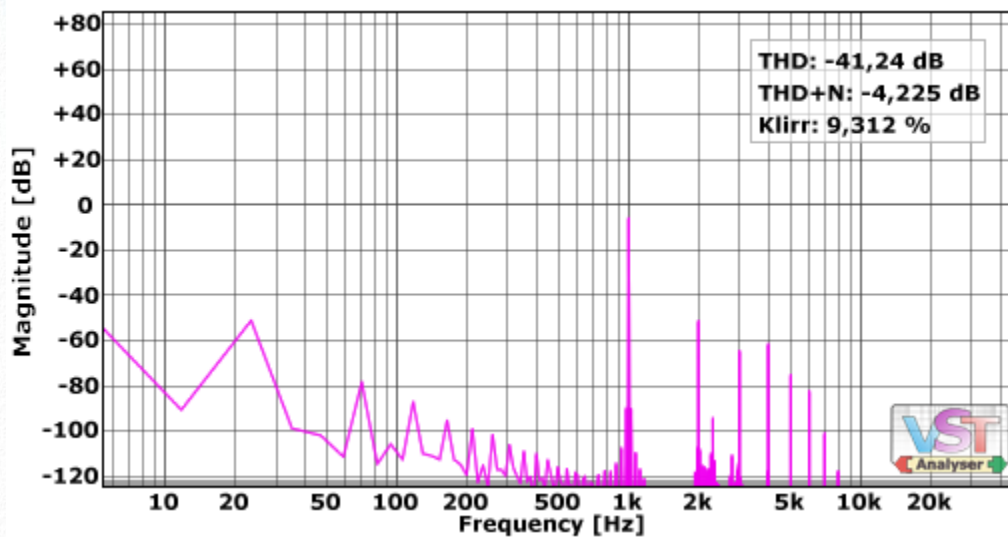




MBM: mix buss Modern - slightly saturated
Frequency response at flat controls

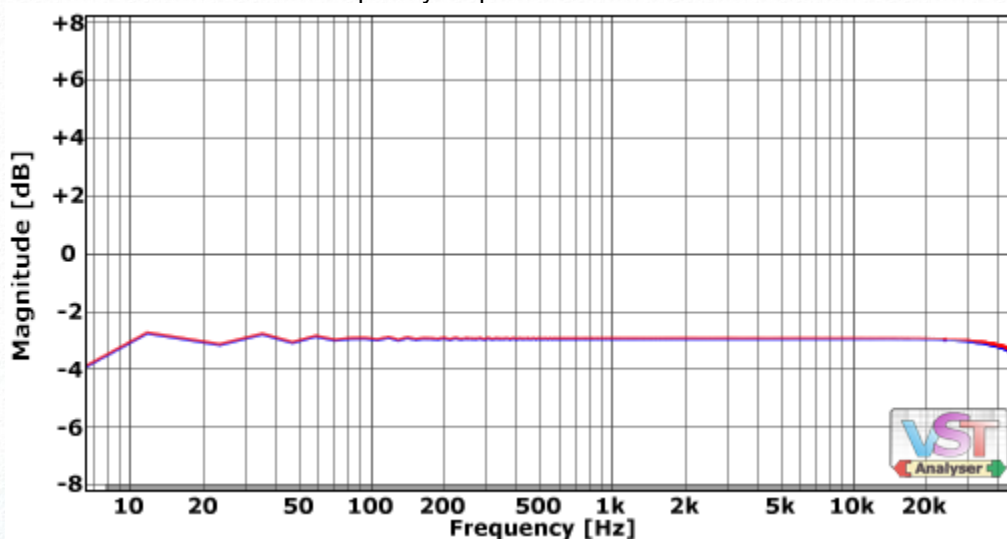


Harmonic contents at flat controls 1Khz -3dBfs test tone

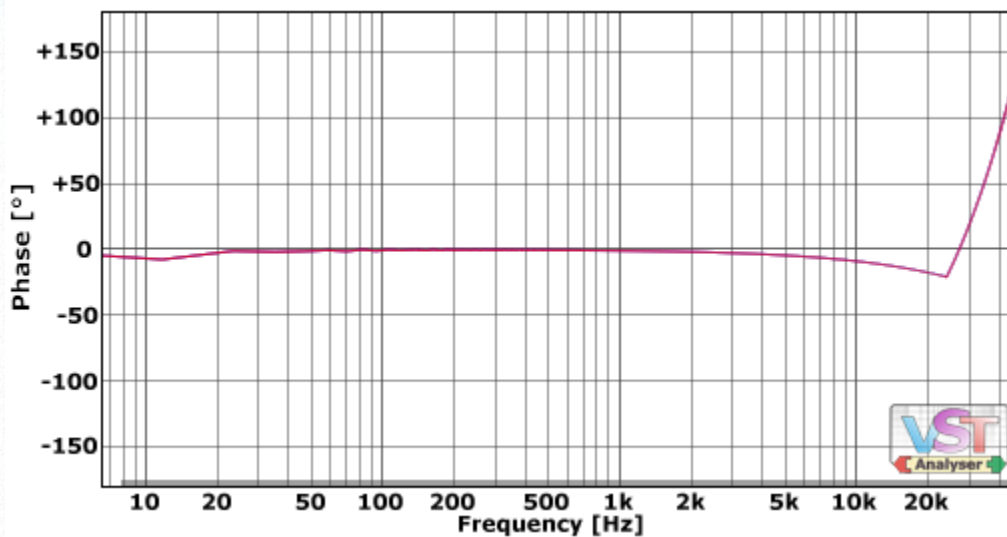




PAN -3: precision analog panner
Frequency response at flat controls



Phase response at 0 (center pan)





9. Preset list:

The MWC PRO library includes 51 different programs:

Console Input Channel mono

Full programs 10k – se programs 5k

MWC IL1 : Input Line Clean - by stock line channel
MWC IL2 : Input Line Clean - by stock line channel
MWC IL3 : Input Line Clean - by stock line channel
MWC IL4 : Input Line Clean - by stock line channel
MWC IL5 : Input Line Clean - by stock line channel
MWC IL6 : Input Line Clean - by stock line channel
MWC IM1 : Input Microphone Clean
MWC IM2 : Input Microphone Clean with “Silk” engaged

With these presets Nebula will process the mono track normally and the stereo track as dual mono

Console Input Channel stereo

Full programs 10k – se programs 5k

MWC IL1 st : Input Line Clean - by stock line channel
MWC IL2 st : Input Line Clean - by stock line channel
MWC IL3 st : Input Line Clean - by stock line channel
MWC IL4 st : Input Line Clean - by stock line channel
MWC IL5 st : Input Line Clean - by stock line channel
MWC IL6 st : Input Line Clean - by stock line channel
MWC IM1 st : Input Microphone Clean
MWC IM2 st : Input Microphone Clean with “Silk” engaged

These presets work better with stereo tracks giving more euphonic and wide sound

Console Buss Group

Full programs 5k – se programs 3k

MWC BGC : Buss Clean - stock buss group clean
MWC BDR : as Buss Clean with little color by EQ, suitable for drums group
MWC BGT : as Buss Clean with little color by EQ, suitable for electric guitars group
MWC BBV : as Buss Clean with little color by EQ, suitable for backing vocals and vocals group
MWC BPR : as Buss Clean with little color by EQ, suitable for percussions group
MWC BSP : as Buss Clean with little color by EQ, suitable for synth pad group



Console FX Buss

Full program 5k – se program 3k

MWC SRN : Send-Return Buss - send-return insert suitable for reverb, echo and FX

Console Buss Out

Full programs 10k – se programs 5k

MWC MBC : Stock MixBuss Clean Sound

MWC MBM : MixBuss Modern - stock stereo buss slightly saturated with top class eQ patched

Precision Analog Panner

program 1k

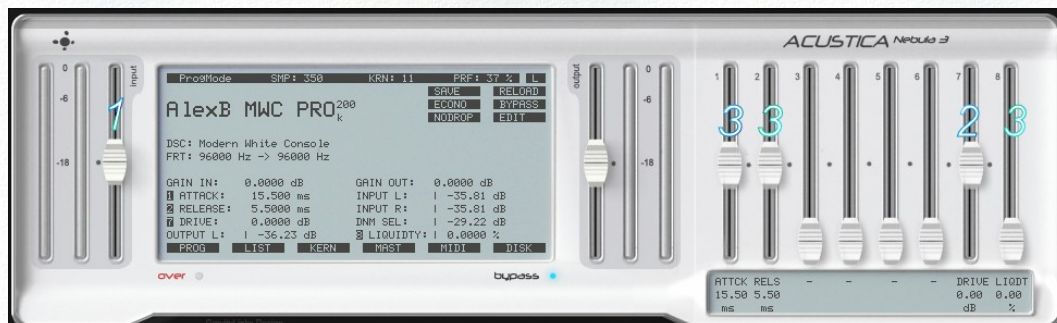
PAN -3 : Precision Analog Panner with pan law -3dB

10. Console emulation:

Just insert one instance of Nebula as first plugin in your tracks choosing the “Console Input Channel” that you prefer. Insert in every buss-group one "Console Buss Group" to your taste and insert one "Console Buss Out" on the mixbuss. Use the precision analog panner or set the DAW pan-law to -3dB.

Now start to mix your song.

The programs are unity gain. You can “drive” the console's stages using the main “Input control” (1) of Nebula instead to use the "Drive fader" (2) which affects the harmonic contents in an unnatural way, but suitable if you look for an effect. Please leave untouched the ATTCK, RELS and LIQDT controls (3).





Take care with gain staging since 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 !