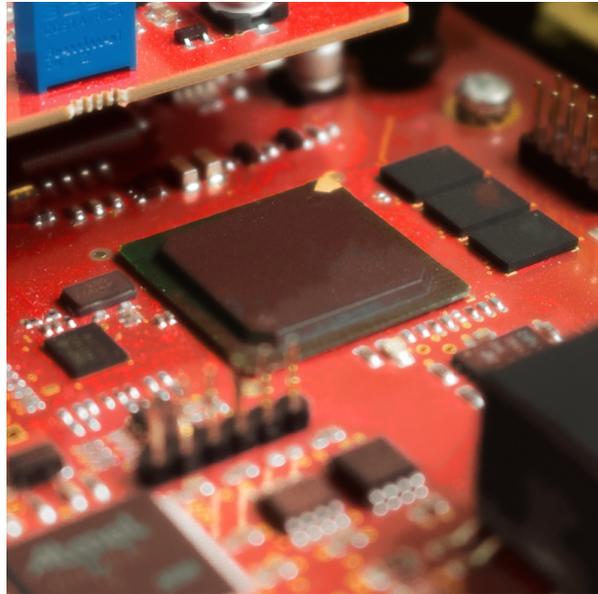


# ANTELOPE AUDIO

## HARDWARE-BASED AUDIO FPGA- EFFECTS

### Massive hardware modeling capabilities

Already leaders in the field of digital audio clocking Antelope Audio is now on a mission to revolutionize the world of digital audio interfaces. Our custom Field Programmable Gate Array (FPGA) not only guarantees the lowest sound latency on the market when creating and streaming multiple mixes, but provides our devices with massive hardware modeling capabilities.



### Forget about expensive effects

They often sound flat and soulless and can be quite a pain to your computer. Our FPGA effects bring audio realism to a new level. They sound, behave and feel just like real hardware gear, because they ARE real hardware gear.

**Orion Studio, Orion 32+, Zen Studio, Zen Tour and Goliath** – all our latest audio interfaces – feature this new breed of powerful hardware-based audio effects. These include Antelope’s very own enhanced versions of legendary studio gear and vintage & contemporary guitar amp & cab simulations developed in collaboration with Overloud.

### EQUALIZER LEGENDS:



### NEU-W492

The NEU-W492 is based on the inimitable circuitry design of the original, carrying its signature German sound. As a favorite mastering tool of generations of record producers and sound engineers, the unit features a 4-band EQ with bypass available for each

band or the entire unit. Versatile and simple to use, the NEU-W492 is particularly powerful in the midrange, delivering a warm analog sound character.



### NEU-W495

The NEU-W495 meantime, is based on the original mixer strip designed for mastering consoles. From a sonic perspective, the NEU-W495 is able to fatten bass much like an analog EQ, and in ways that are not possible with typical software plug-ins. The NEU-W495 is also highly effective in smoothing out mid and high frequencies. Everybody needs more of that German analog precision in their sound.



### NEU-PEV

The NEU-PEV EQ is modeled on a rare German passive equalizer designed in the 60s. Its simple interface belies the complex tonal possibilities achievable with its four main knobs. A low shelving filter is fixed at 60Hz and can apply a boost or cut. The “Presence” section offers up to 8 dB of boost for one of 7 selectable frequencies between 700 Hz and 5.6 kHz, while a 10kHz high shelf allows boost or cut at the top end of the frequency spectrum. An on-off switch and output gain control provide users with even more utility. Notable for its warmth and spacious midrange, the NEU-PEV makes some of the most compelling sounds of both yesterday and today achievable without a massive rack of aging vintage gear.

### VEQ-4K SERIES

Having imparted its sound signature on generations of artists and hit recordings for more than 50 years, the VEQ-4K SERIES are based on a rock-solid analog design — now coming to life in Antelope’s FPGA FX modules. Antelope’s VEQ-4K is complete with four different colored hardware-original revisions, each delivering its own unique sound shaping characteristics.



VEQ-4K Black: Likely the most popular version of the EQ module, this unit was designed following the recommendations of many of the world’s top engineers. The ‘original black’ features a louder EQ with +/-18dB cut/boost and a steeper High Pass cut off slope (18db).



VEQ-4k Brown: The first model in this legendary line of EQ modules, it remains a classic and still in use by many engineers. It has 4 bands with a sweepable mid Q. The HF and LF can be switched to Bell/Shelf modes altering with the degree of boost/cut by +/- 15db.



VEQ-4K Pink: Originally appearing in the late 80s and with proportional gain settings, the VEQ-4K features shelving HF & LF EQs with a signature combo of dip and bump right before the shelf boost and cut. The Pink module has a wider frequency range with the boost/cut and gain range above +/- 20dB.



VEQ-4K Orange: A variation on the VEQ-4k Brown, which's still a huge thing in Japan. Very close as sound to a Pultec EQ and with controls simulating valve EQ curves. This one is not just one more module strip revision, but a hardware rarity with a sound of its own.



### BAE-1073

Born in the 70s this channel module has been surely used on all your favorite records. BAE 1073 can handle it all – from classical music to TV pop, badass hip-hop and rock. Inspired by the hardware original we made sure this tiny beast can give your sound that very specific analog punch, which top producers have been cashing in on for decades now.



### VEQ-HLF

Pultec's simple and effective filter features two knobs: one each for passive low-cut and high-cut filters at carefully selected frequency intervals. With 10 frequency selections available per band, it is the perfect tool for creating space in your mix by eliminating unneeded frequencies at the extremes of the audio spectrum — while ensuring a musical analog tone.



### VEQ – 1A

You're surely into studio legends if you're reading this so let's take you back 60 years ago when a tube legend was born to become a part of every pro studio in the world. VEQ – 1A is not only breathing a new life into a classic, but sounds as thick as the real piece and it does hide quite a few tricks. For example simultaneous cut and boost of the same frequency, which gives the sound a unique quality you can't really get with another EQ. Massive bass, gentle highs and richness – these knobs surely do some analog magic.



### VMEQ-5

But what's proper low and high end with no guts in the mids? VMEQ-5 is this range's best friend. Two peak bands and a dip one are all you need to give your vocals, synth, guitar leads or snare drum the analog punch they've always needed. This little beast can also clean up a murky midrange like a boss.



### VEQ-55A

Your hands are surely already itching to try all these out, but not before we tell you about the parametric VEQ-55A. Having issues getting your bass guitar sound edgy enough? Need some meat in your drums or maybe some body in the guitars? Problem solved, VEQ-55A will emphasize all tiny details your mix has been missing. All that, which has been causing troubles will be gently cut.



### LANG PEQ2

The PEQ2 is modeled after a vintage solid-state parametric EQ. Yes, it's actually a pumped-up 1960s Pultec. Featuring controls similar to the VEQ-1A tube EQ (already available in Vintage Pack 2.0), the PEQ2 really stands apart from the pack thanks to its frequency control, allowing users to set different and separate LF boost and LF cut frequencies. The PEQ2 provides plenty of width in the midrange while retaining tightness on the high end and low end and its high end bands excel at giving tracks that extra shine, making it an all-star on vocals and drum overheads.



### UK-69

Modeled on a classic British console EQ used in recordings by well-known artists of the 60s and 70s ranging from The Beatles to Led Zeppelin, the UK-69 adds astonishing analog detail to your audio it allows Antelope Audio users to achieve depth and texture formerly the sole territory of standalone hardware. The bass band is a stepped 50 Hz shelf filter or frequency selectable peak EQ, the treble band is a fixed 10 kHz shelf EQ, and the mid section sports a frequency-selectable peak or notch EQ with 8 frequencies available. The control panel is rounded out with a level knob, EQ bypass, and phase reverse button. This EQ is notable for its ability to preserve transparency while adding space and presence, and Antelope Audio's model of this highly coveted circuit delivers unprecedented authenticity.



### INTEGRATED EQ

Antelope Audio's integrated EQ offers 5 fully parametric bands, two of those can work in filter or shelving mode the three in the middle can cut or boost selected frequency ranges.

Our users have been using this simply designed yet perfectly sounding plug-in for both tracking in mixing, because it simply provides all that you might need in an EQ.

## COMPRESSORS:



### ANTELOPE FEEDFORWARD COMPRESSOR

The Antelope FeedForward Compressor is featured in all our interfaces. It comes with all necessary Threshold, Ratio, Attack and Release knobs and allows Knee control. The Detector drop-down menu offers several Peak / RMS sense modes to choose from. It's a small machine, but it gets the job done just right while sounding quite like a real hardware compressor.

## AURAVerb™:



*New Reverb Leveraging Unique Algorithms and Proprietary FPGA Chip for “Smooth and Clear” Sound*

AuraVerb Includes 24 Custom Presets Designed by Five-Time GRAMMY Award Winner Brian Vibberts

Antelope Audio introduces AuraVerb, the professional audio company’s first reverb. The software-based reverb leverages Antelope Audio’s powerful 64-bit FPGA chip and features a unique algorithm designed by our team of mathematicians, including company founder Igor Levin. AuraVerb is free for all current and future audio interface owners and it is fully compatible with other upcoming Antelope Audio products.

The reverb features eight different controls including: a “Color” parameter to create everything between darkened textures to a brighter presence; and the “Richness” parameter that controls the reverb density compared with the source audio.

In short, AuraVerb provides color and richness using a simple new approach with the help of our unique algorithm and is capable of producing a wide range of authentic sonic landscapes.