

## USING THE VX

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Our philosophy is that as far as it is possible, using the plug-in should be exactly like using the real amplifier. Easy and straightforward. Consequently, the sound is adjusted with a number of knobs on the front panel of the plug-in, the same knobs as on the real amplifier. All relevant knobs on the amplifier are simulated, as is their functionality. Not to mention their sumptuous original looks.



In order to get the most accurate sound from the plug-in, the signal from your guitar should go through a line box or a preamp before it goes into the SONIC CORE card. As with physical amps, you can use all your favorite stomp boxes and pedals with the plug-in, unless they are so powerful you risk burning your preamp.

There are two aspects in which the plug-ins differ from the original amplifiers. We have added a Distance knob and normalized the volume output, as specified below. Both are major improvements that make the plug-ins more useful and practical. The Distance knob was added because we did not only simulate the sound of the amp and speakers, but also the way of working in a studio. The knob simulates the position of the microphone in front of the speaker cabinet. Just like in a studio, you can move the mike from near to far field and back - continuously. No pre-set positions, you just tweak the knob from minimum to maximum to adjust the mike. This gives you all the flexibility of a full-scale studio set-up :

- If the Distance knob is set at minimum, the microphone is positioned off-axis in near field. This gives a slight roll-off of the high frequencies.
- With the Distance knob set in the middle (12 o'clock), the microphone is positioned in near field straight in front of the speaker driver. This setting gives the most "uncolored" sound, with lots of high frequencies.
- When the Distance knob is set at its maximum, the microphone is positioned in the far field, about three meters away from the cabinet.

The volume knob on a real amplifier goes from "very quiet" to "really loud and distorted", which isn't very practical on a computer recording system. In order to solve this, we have normalized the volume controls so that the output volume is nearly the same for all volume settings. But the distortion behaves exactly like it does on the real amplifier!

## INTRODUCTION

This plug-in is based on the AC30, one of the icons of amplifier history. This Vox is a quirky gem, a rarity producing both the legendary sound of the "British Invasion" pop of the 60's, as well as some truly interesting, characteristic guitar sounds - to say the least.

The Dynatube™ VX is modelled on is a very early, and exceptionally good-sounding, 6-input/3-channel AC30. The three channels give a very versatile and adaptable sound, which is both focused and at the same time has the full Vox spectrum.

The Dynatube™ VX gives you ample opportunity to vary and tweak the little details until you reach guitar nirvana - a unique sound of your own. It's the plug-in you should get if you have dreams of stardom in the guitar-based pop/rock genre.



## DESCRIPTION

The Vox AC30 is quite a unique amp that produces a very pleasant guitar sound with plenty of character. The warm yet intense poweramp distortion gives an edge to your guitar sound that makes it shine through in mixes, without drowning out other instruments.

The three channels can be blended to your liking, to create your very own sound. It also has a built-in vibrato effect with an amazing space sound. We simulated every aspect of this baby. Get your own Dynatube™ VX today and start experimenting!

The plug-in is based on a Vox AC30/6 Treble combo. The old, worn out speaker drivers of the amp has been replaced with brand new top-notch Celestion Blue 2 x 12" ones. The cabinet is half open back, and as with the other amplifiers of this product line, the plug-in includes a microphone simulation. By tweaking the Distance knob (see Usage Info for explanation), you can move the microphone continuously between near and far field positions in front of the speakers.



## SPECIFICATION

The plug-in is based on a Vox AC30/6 Treble amplifier that has one ECC82 and four EL 84 tubes in the poweramp, and three ECC83 in the preamp. In addition, there are two 12AX7 tubes in the tremolo/vibrato. The speaker has brand new top-notch Celestion Blue 2 x 12" drivers.



Technology :	Patented physical modelling technology.
Sampling Rate :	44.1kHz & 48kHz (internal oversampling)
Resolution :	32 bit audio paths externally, 64 bit floating point internal audio paths.
Inputs/Outputs :	1Input/1Output. Possibility to bypass amplifier and/or speaker simulation for maximum flexibility
MIDI :	Possibility to control all knobs via MIDI.
Latency :	Sample by sample.

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