



USER GUIDE

## TABLE OF CONTENTS

Introduction . . . . .	3
System Requirements . . . . .	4
Overview . . . . .	5
Top Bar . . . . .	6
Module Displays . . . . .	8
Dynamics Control Set . . . . .	9
Tone Control Set . . . . .	12
Space Control Set . . . . .	15
SFX Control Set . . . . .	17
Bottom Bar . . . . .	18
Individual Plugins . . . . .	19
Module Mode List . . . . .	20
Activation . . . . .	26

# INTRODUCTION

**Xvox Pro** is our vision for the future of professional music production tools. When we asked ourselves what a pro vocal strip *should* look like - we realized it wasn't anything we had seen available before.

It needed to be **fast**. So fast that you could dial it in while listening to a single pass of the chorus of a song.

It needed to be **intuitive** - it shouldn't require tons of re-learning and experimenting in order to get incredible sound from it.

It needed to handle **any pro workflow** that was thrown its way, and it needed to do so with ease.

All of this needed to be true - while maintaining **uncompromising sonic quality** that Nuro Audio is known for.

The result? Not just a single plugin. A suite of **6 plugins** that gives you complete and total control over your vocal chain.

This meant creating all-new technical processes from scratch to allow for amazing CPU performance and even more control, like with our **True Dimension HD** spatial algorithm.

It meant pushing the limits of what's possible with our existing algorithms like **Advanced Fusion Dynamics 2.0** - giving new controls for shaping the character and color of each compressor, and unlocking new possibilities for modes like the **Smooth Dynamics** mode.

All this and *much more* is powering Xvox Pro - making it possible to achieve incredible vocal mixes in seconds. And it's giving you tons of room to tweak, manipulate, and get creative to truly discover your sound.

You've unlocked a **cheat code for getting professional vocal mixes** - so have fun making music with Xvox Pro.

# SYSTEM REQUIREMENTS

Please visit <https://nuroaudio.com/xvox-pro-system-requirements> for the latest operating system & DAW version requirements.

# OVERVIEW

Xvox Pro is a complete vocal processing chain with swappable modules which allows for hundreds of different chain combinations.

Plus, you can load individual plugins if you only want to use a specific module on a particular track, for example using Xvox Space as a Send / Return plugin at 100% Wet.

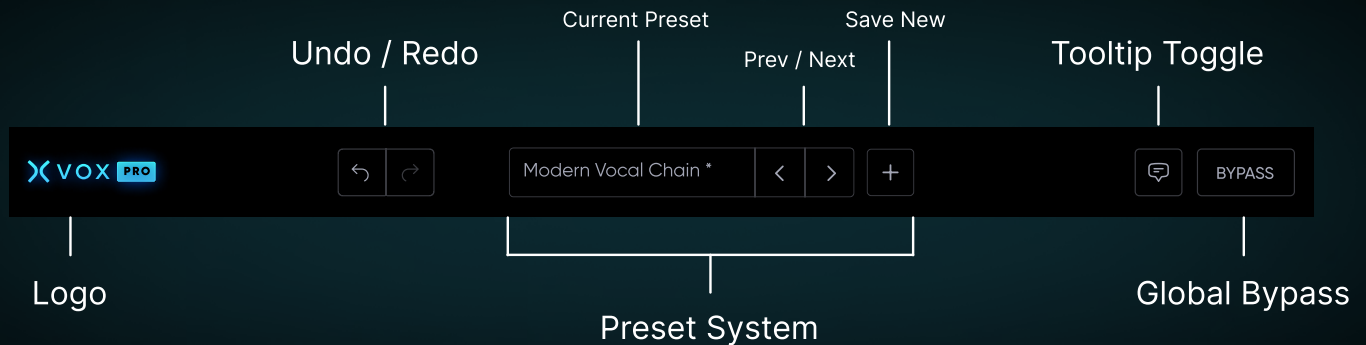
The interface features four primary **Modules** (Dynamics, Tone, Space, SFX), each with a display section and custom control set.

The **Top Bar** of the plugin allows access to the Undo/Redo commands, Presets, Tooltips, and the Global Bypass for the plugin.

The **Bottom Bar** provides helpful input and output trim knobs, as well as meters.



# TOP BAR



## Xvox Pro Logo

Click on this logo to bring up the credits screen for Xvox Pro, which includes access to our Support Team, the User Guide PDF, and to check for updates to the plugin.

## Undo / Redo

These buttons allow you to undo / redo adjustments you've made to the plugin. This is helpful if you want to experiment with different settings, but want to be able to step back at any point.

## Preset System

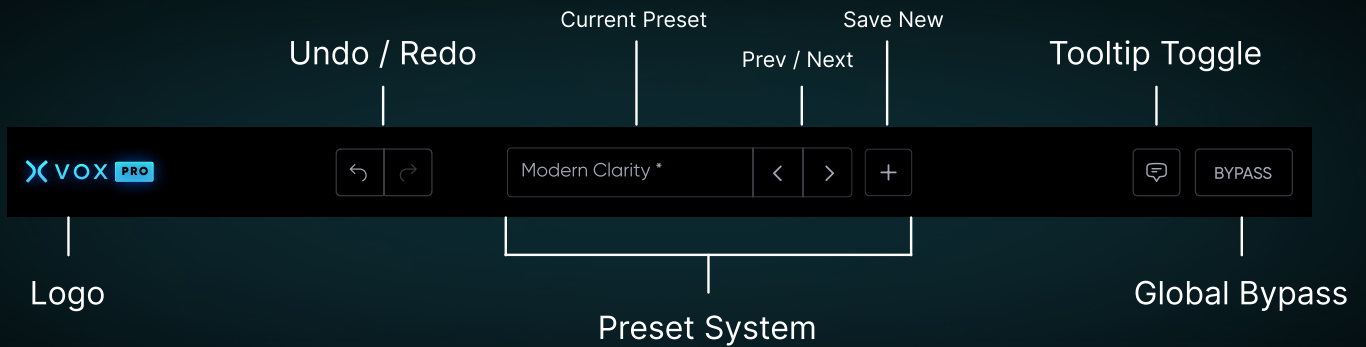
The preset display shows the currently loaded preset. If the preset has been modified, an asterisk ( \* ) will appear after the preset name.

Clicking on the preset name pulls up the preset menu drop down, where you can browse and select a preset to load. Clicking on a preset in the list will load it.

The previous / next arrows allow you to flip through presets one at a time.

The Save New button allows you save your own user preset based on the current settings of the plugin. It will prompt you to name your preset, and you can recall it in the future using the Preset Menu dropdown.

# TOP BAR (cont.)



## Tooltip Toggle

Turn this on to get helpful insights as you hover over each control on Xvox Pro's interface.

## Global Bypass

This button bypasses all processing for Xvox Pro.

# MODULE DISPLAYS



## Module On / Off

This turns on / off the processing for that module. When turning this off, it completely removes the processing for that module from the signal path.

## Module Solo

This turns all other modules off, allowing you to hear only what the currently solo'd module is doing to your signal.

## Module Mode Select

This shows which mode you are currently using for each module. See page 20 for a complete list and description of each module.

## Module Trim

This trim knob allows you to adjust the gain of the output of each module. This is helpful to control and maintain proper gain staging between modules.

# DYNAMICS CONTROL SET



## Gain Reduction (GR) Meter

This meter shows the total gain reduction as a result of the compression being applied by the Dynamics module. Essentially, this is a visual representation of how much compression you are applying.

## De-Esser (DS) Meter

This meter shows the total gain reduction of the De-Esser being applied by the Dynamics module. As you turn up the DE-ESS knob, you will see the DS Meter move on sibilant sounds. For best results, set the DE-ESS knob so that you see the DS Meter move only on harsh sibilant sounds like “s” and “t”.

# DYNAMICS CONTROL SET *(cont.)*



## **COMP Knob**

This knob controls the amount of Advanced Fusion Dynamics compression that is applied to the signal.

## **COMP Color**

This control lets you decide how much color you want from each Dynamics Mode. Boosting over 100% adds more of the natural character and color of the compressor. Cutting below 100% removes color for a more sterile compression.

## **DE-ESS Knob**

This knob controls the amount of Ultra Transparent De-Essing that is applied to the signal. When the DE-ESS knob is set to 0, the De-Esser is completely removed from the processing chain.

# DYNAMICS CONTROL SET *(cont.)*



## **De-Esser Focus**

This provides control over the underlying spectral architecture of the De-Esser algorithm. By changing this value, you are able to shift the frequency of the De-Esser to dial in for different vocalists and types of sibilance.

## **GATE Control**

The Gate in Xvox Pro is a very natural and gentle gate, designed specifically for vocals to achieve clarity and remove common low-level noises in vocal records with ease. Set the Gate Control to the appropriate level by seeing the meter behind it. When the Gate control is Green, the gate is open. When it is Red, the gate is closed.

# TONE CONTROL SET



## Tone Display Curve

This is a visual representation of the tone curve that is applied based on your tone settings.

## Low Tone Slider

This slider controls the body frequencies of your vocal. Pushing this slider up adds more body, and pulling it down cuts out muddiness.

## Mid Tone Slider

This slider controls the presence and mid frequencies of your vocal. Pushing this slider up adds more clarity and presence, and pulling it down cuts out nasal sounds.

# TONE CONTROL SET *(cont.)*



## High Tone Slider

This slider controls the high frequencies of your vocal. Pushing this slider up adds crispness and detail to your vocal, and pulling it down mellows out the vocal.

## Air+ Tone Slider

This slider controls the airyness of your vocal without adding any harshness. Note that this slider goes from 0 - 100%, and allows you to add as much air to your vocal as you like.

## Filters

Xvox Pro features a variable HPF and LPF for achieving a wide variety of effects. These filters can be set independently, and when the filters are in their default position, they are completely removed from the circuit and audio signal path.

# TONE CONTROL SET (cont.)



## Tone Handles

Tone Handles give you even more control over the Low, Mid, and High Tone sliders. Adjusting these Tone Handles gives you tons of control over the shape and position of each curve, while still maintaining the signature curve shapes of Xvox Pro's Tone modes.

Dragging the Tone Handles vertically changes the gain of its corresponding Tone Slider.

Dragging the Tone Handles horizontally changes the spectral position of the Tone Slider.

## Analyzer Toggle

The Analyzer button toggles the FFT analyzer on / off in the Tone Curve Display.

# SPACE CONTROL SET



## Space Meter Display

These meters show the input level and output level going to the Space processing path. It also shows the amount of Ducking applied to the Reverb and/or Delay.

## REVERB Knob

This knob applies reverb to your vocal chain. Control the level of the Reverb being blended in with this control.

## DELAY Knob

This knob applies delay to your vocal chain. Control the level of the Delay being blended in with this control.

## REVERB Controls

Set the Decay Time of the Reverb.

# SPACE CONTROL SET (cont.)



## DELAY Controls

Set the Delay Rate and whether the Delay is in Ping-Pong or Mono mode.

## Space Ducking Controls

Set the amount of Ducking for the Reverb and Delay independently. This control allows you to duck the reverb and/or delay whenever the is signal present, which can be used for various effects. Use it in small amounts to tighten up your vocals while still using lush reverbs. Or, use it in extreme amounts for creative effects where the reverb / delay is only heard at the ends of vocal parts.

## Space Tone Slider

The Space Tone Slider lets you control the overall tone of the Space module, including the Reverb and Delay in a single control. Add brightness and clarity by pushing the slider to the right. Make the spaces darker and warmer by pushing the slider to the left.

# SFX CONTROL SET



## SFX Knob

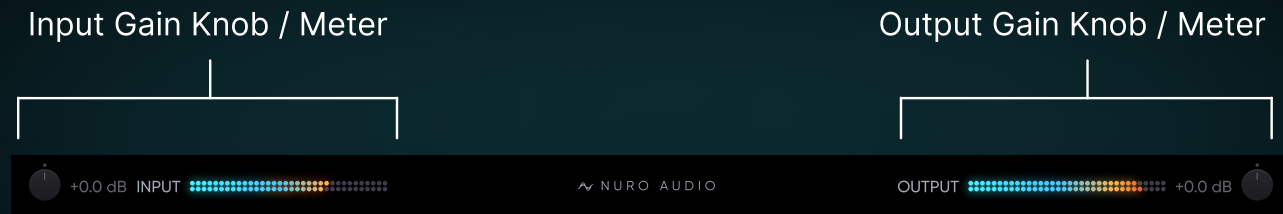
This knob controls the amount of the SFX that is being applied to your signal. Pro Tip: using low amounts of SFX like Pitch Widener and Chorus can add a lot of thickness to your vocal without sacrificing a natural sound. Or, push it harder for a more apparent vocal effect.

## SFX Routing

These buttons allow you to change the routing of Xvox Pro by placing different elements at the end of the audio signal path.

Space Post places the Space module audio at the end of the chain, allowing you to apply SFX to before the Space module. Filter Post places the HPF and LPF at the end of the signal path for applying global filter effects, helpful for ad libs or creative processing.

# BOTTOM BAR



## Input Gain Knob / Meter

The Input Gain knob allows you to adjust the level of the signal before it hits Xvox's processing path.

**Pro Tip:** For best results, the Input Meters should be just touching into the yellow part of the meter. This equates to -12dB.

## Output Gain Knob / Meter

The Output Gain knob allows you to adjust the level of the signal after all processing is done by Xvox, immediately before the output of the plugin.

# INDIVIDUAL PLUGINS



## Loading Individual Plugins

Individual plugins of each module can be loaded as an insert in your DAW in order to use only that module, or to create your own routing possibilities.

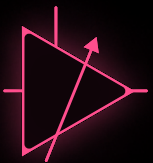
Xvox Comp, Xvox DS, Xvox Tone, Xvox Space, and Xvox SFX are all available to load as separate inserts in your DAW.

# MODULE MODE LIST



## Opto + FET DYNAMICS

Combining the trademark smoothness of opto compression with the classic punch of a vintage FET compressor, this compressor is amazingly detailed and transparent, even when applying extreme amounts of Gain Reduction.



## VCA + FET DYNAMICS

Fast, reactive, and punchy - this fusion compression circuit provides unparalleled punch power to wrangle even the most unruly vocals and push them right to the front of the mix.



## Tube + FET DYNAMICS

Full-bodied and punchy, this custom compression circuit combines the rich warmth found only in vintage tube compressors with the modern punch and vitality of classic FET compressors.



## Smooth DYNAMICS

Unbelievably smooth and full of character, this vocal compression algorithm is perfect for adding tons of body and power to a vocal. It uses a new temporal process to keep the transients in check for an ultra polished, pro vocal mix.



## Vox Bus DYNAMICS

Perfect for gluing stacks of vocals together and adding cohesiveness at the bus level, this custom compression algorithm combines several characteristics from famous solid-state bus compressors to achieve subtle yet powerful compression.

# MODULE MODE LIST *(cont.)*



## Modern

TONE

Open up your vocals with this custom tone circuit that cleans up muddiness, adds clarity in the mids, and extra sparkle and shine on the top end without harshness. Perfect for pop, melodic hip-hop, and more.



## Clear

TONE

Pristine clarity and transparency make this special tone circuit perfect for adding presence while maintaining a smooth upper mid range. This mode is a favorite for rap, hip-hop, and RnB vocals.



## NYC

TONE

Signature clarity and focus are front-and-center with this model of a classic 500-series EQ. With more precise curves and proportional Q shapes, dial in incredible clarity for your vocal with ease.



## Shaper

TONE

This classic Tube-style EQ creates beautifully unique shapes in the lows and highs, offering the ability to subtly lift these frequency ranges for bringing out tons of character and vibe in a colorful way.



## Vintage

TONE

Color, vibe, and analog warmth come naturally with this custom tone circuit. Give your vocals the perfect amount of richness and life. This mode is excellent for warm, natural vocals in any style.

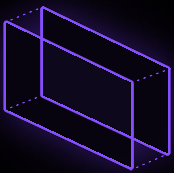
# MODULE MODE LIST *(cont.)*



## Dark Hall

SPACE

Gorgeous depth and colorful low-mids transport your vocals into this pristine space. A go-to choice for when you need a lush, beautiful reverb and exciting ping-pong delay combination.



## Plate

SPACE

Shimmering reverb with tons of clarity and excitement, this custom Space algorithm gives you a faithful reproduction of the classic reverb effect heard on records from every decade of the last half-century.



## Digital

SPACE

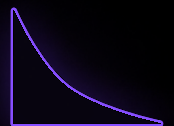
This classic reverb and delay combination place your vocals in one of the most celebrated digital spaces ever created. Maintain intelligibility and clarity in your vocals while adding the perfect amount of width and depth.



## Room

SPACE

Add true-to-life dimension and elevation to your vocals with this tight room reverb and accompanying delay. With a natural ambiance, this custom mode gives your vocals the perfect amount of life.



## Short Plate

SPACE

Bouncy and lively, this custom Space mode gives your vocals perfect placement within the mix while maintaining clarity. Because of the custom release shape of this reverb, it's a favorite for melodic rap and rap vocals.

# MODULE MODE LIST *(cont.)*



## Infiniverb

SPACE

Send your vocals to outer space with this creative reverb effect. Perfect for intros, outros, ad libs, or even morphing your vocals into a beautifully lush pad. Combine it with the SFX modes for even more creative possibilities.



## Chamber

SPACE

Unparalleled depth and richness - this space mode adds tons of size and character to your vocals. With lifelike early and late reflections, this space is perfect for placing your vocals in a natural setting.



## Bright Hall

SPACE

Pristine acoustics and clarity of the high frequencies make this medium hall reverb a favorite for tons of different styles of vocal. Place your vocals in this beautifully crafted space for a massive impact in any genre.



## Crystal

SPACE

This special digital recreation has been carefully crafted to capture one of the most famous digital reverbs ever built - with tons of pleasant highs and high mids, it's the perfect reverb and delay for a present and spacey mix.



## Vibrant

SPACE

Warm and lush, this reverb and delay combination provides tons of lifelike depth and spatial magic to your vocals while maintaining clarity in the low mids.

# MODULE MODE LIST *(cont.)*



## Pitch Widener

SFX

A classic vocal effect that adds tons of width, body, and size to your vocals. Use it in small amounts to thicken up your lead vocals. Or push it harder to create massive background vocals, harmonies, and ad lib effects.



## Chorus

SFX

Thicken up your vocals with this finely-tuned custom chorus algorithm, perfectly dialed in for all styles of vocals. Use a subtle amount to add a little body to your vocals, or in more extreme amounts to add tons of flavor to leads and backgrounds alike.



## Phaser

SFX

A beautiful micro-phaser, custom tuned for providing the perfect amount of sauce and vibe to any vocals. Use it on stacks and background vocals for a massive vocal tone and extra wide sound stage.



## Tape Sat

SFX

Add the perfect amount of vintage tape character to your vocals for a classic thickening and warmth. This mode painstakingly models the response of vocals on tape to achieve lifelike warmth and body.



## Mega Mod

SFX

A creative modulation effect, this mode adds tons of life, motion, and character to any vocal. Add interest and excitement to leads, or use it heavily on ad libs for even more excitement and ear candy.

# MODULE MODE LIST *(cont.)*



## Amp

SFX

Plug your vocals into a classic British guitar stack with this custom distortion effect that provides the perfect amount of crunch and tone while still maintaining intelligibility in your vocals.



## Telephone

SFX

Recreate the classic vocal telephone effect. Made even more powerful by allowing you blend it to add exactly how much of the effect you need, making this the most versatile telephone effect for intros, ad libs, and outros.



## Unison

SFX

Infuse tons of body and thickness without compromising the natural quality of your performance with this unique doubler effect. Perfect for helping your vocals stand out in the mix.

# ACTIVATION

A valid License Key is required to use Xvox Pro. If Xvox Pro is not activated, it will output 5 seconds of silence every 60 seconds. Entering a valid License Key will allow Xvox Pro to function properly.

