THR VoxGuru User Manual

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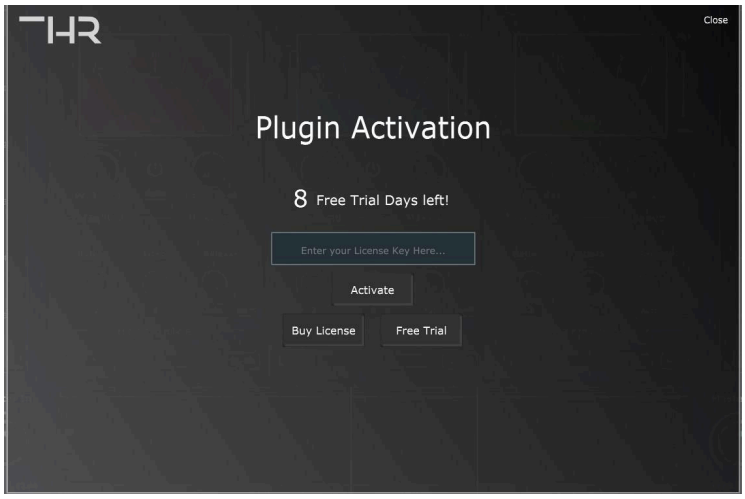
Plugin Activation

Important: An active internet connection is required to activate and run the plugin.
After purchase, you will receive an email in your inbox with the license keys.
Note: If you purchased the plugin on one of the resellers, they will be responsible for delivering the license keys.



Activation Steps:

- Enter the serial number you received into the activation field.
- Click Activate.
- Done.

Important note: Firewalls and software like “Little Snitch” can keep the plugin from successfully activating.

Modules

THR VoxGuru comes with 5 Modules: Dynamics, EQ, Saturation/Distortion, Time (Reverb & Delay), and FX.
You can Drag and Drop the modules to swap the processing order for fine-tuning your sound.

Dynamics Module

The Dynamics module in VoxGuru offers both **compression** and **de-essing** functionalities to control and shape the dynamics of your audio. Whether you're looking to smooth out peaks, tame harsh sibilance, or enhance the overall tone of your track, the Dynamics module provides the tools you need for precise control.

This module is available in two modes: **Simple UI** and **Advanced UI**, allowing users to adjust settings at varying levels of detail.

Compressor Styles

VoxGuru's Compressor module offers **four distinct compressor styles** to suit different mixing needs and musical genres. Each style brings its own unique character to the sound, allowing you to tailor your compression to the vibe of your track:

1. **Clean**
   Provides transparent, precise compression with minimal coloration, perfect for situations where you want to control dynamics without altering the tonal characteristics of the signal.
2. **Analogue**
   Emulates the warmth and harmonic richness of analog compressors, adding subtle saturation and coloration to the signal. This style is ideal for a more vintage or "vibey" compression effect.
3. **Tube**
   A style that introduces the smooth, pleasing distortion characteristic of tube compressors, adding warmth and character to the sound. It’s great for adding some extra "musicality" to vocals or instruments.
4. **Dynamic**
   Offers high precision with the addition of a 5ms lookahead, making it ideal for processing high-dynamic content like percussion or fast transients. This style ensures tighter control over peaks while maintaining the natural dynamics of the performance.

Simple UI

The Simple UI provides easy-to-use controls for quick adjustments:

1. **DeEsser & Compressor Threshold**
   Controls the threshold at which the de-esser or compressor engages. Signals that exceed the threshold are processed, either by reducing sibilance (de-esser) or reducing dynamic range (compressor).
2. **Tone**
   Adjusts the overall tonal character of the processed signal. This can subtly affect the presence or warmth of the sound, allowing for tonal refinement.
3. **Mix**
   Blends the processed signal with the dry (unprocessed) signal, allowing for parallel processing. This is useful for preserving the natural dynamics while still applying compression.

Advanced UI

The Advanced UI unlocks additional controls for fine-tuning and more detailed processing:

1. **DeEsser Frequency Control**
   Sets the frequency range that the de-esser will target for sibilance reduction. Lower values are typically used to address "s" sounds, while higher values target harsh, high-frequency content.
2. **DeEsser Threshold**
   Controls the level at which the de-esser becomes active. When the input signal exceeds this threshold, the de-esser applies gain reduction to the sibilant frequencies.
3. **DeEsser Range Slider**
   Adjusts the maximum amount of gain reduction that the de-esser can apply. This controls how aggressively the de-esser reduces sibilance, ensuring a natural, transparent result.
4. **Compressor Threshold**
   Sets the threshold for the compressor to begin working. When the signal surpasses this level, the compressor reduces its dynamic range to prevent peaks from becoming too loud.
5. **Compressor Makeup**
   Allows you to boost the output level after compression, compensating for any gain reduction and maintaining the desired loudness in the mix.
6. **Compressor Auto Makeup Button**
   When enabled, this feature automatically adjusts the makeup gain to compensate for the amount of compression applied. This ensures a consistent output level with minimal manual adjustments.
7. **Compressor Range Slider**
   Controls the maximum amount of gain reduction the compressor can apply, allowing for more precise control over the level of compression.
8. **Compressor Time Constants (Fast, Slow, Auto)**
   Adjusts the compressor's attack and release behavior:
   - **Fast:** Offers quick response, ideal for tight control of transients.
   - **Slow:** Slower attack and release, providing a more natural compression.
   - **Auto:** Automatically adjusts attack and release times based on the incoming signal, offering an adaptive response.
9. **Tone**
   Fine-tune the tonal balance of the compressed or de-essed signal. This can help emphasize or soften certain frequencies to achieve a smoother or more vibrant sound.
10. **Mix**
    Blend the processed dynamics with the unprocessed signal for parallel processing, allowing you to retain the natural dynamics while still applying compression or de-essing.

With the **Dynamics Module**, VoxGuru allows you to achieve precise control over both the transient behavior of your audio and the management of sibilance, ensuring a polished and balanced sound in your mix. Whether you're working in the simple or advanced interface, you have the flexibility to shape your audio with precision.

EQ Module

The EQ module in VoxGuru offers powerful tools for shaping the tonal balance of your audio, with intuitive controls and versatile preset options. Whether you want to dial in subtle tonal enhancements or make dramatic changes to your sound, the EQ module provides everything you need for precise frequency adjustments.

The module includes **four distinct modes** (Classic, Pop, Modern, and Vintage), each offering a unique EQ character suited for different musical styles and mixing needs. With both **Simple UI** and **Advanced UI** options, you can choose between a streamlined interface for quick adjustments or a detailed parametric equalizer for more in-depth control.

EQ Modes

VoxGuru offers four EQ modes to suit a variety of musical genres and preferences:

1. **Classic**
   A balanced, versatile EQ character ideal for a wide range of applications, providing clear and natural tonal shaping.
2. **Pop**
   A mode designed to emphasize clarity and presence in the higher frequencies, perfect for modern pop, vocal-heavy tracks, and polished mixes.
3. **Modern**
   Offers a more aggressive EQ curve with punchy lows and crisp highs, ideal for modern genres like electronic, rock, or anything requiring a dynamic, modern sound.
4. **Vintage**
   Provides a warm, vintage character that emulates analog-style EQ curves, ideal for achieving a nostalgic, analog vibe in your mix.

Simple UI

The Simple UI is designed for users who prefer quick, easy adjustments, featuring a streamlined layout with essential controls for fast tonal shaping.

1. **Frequency Curve**
   Displays the frequency response of your audio based on the current EQ settings. Unlike a spectrum analyzer, this curve shows how the EQ is shaping the overall tonal balance of the signal, making it easy to see the effect of your adjustments at a glance.
2. **Master Knob**
   A convenient, all-in-one control that adjusts all EQ parameters automatically based on the selected preset. Whether you're using the Classic, Pop, Modern, or Vintage mode, turning the Master Knob will set all frequency bands to match the preset's unique tonal profile.
3. **HPF Slider (Low Cut)**
   The High-Pass Filter (HPF) slider allows you to cut the low frequencies from your signal. This control is useful for eliminating unwanted sub-bass rumble or to clean up low-end clutter in a mix. The HPF slider adjusts the cutoff frequency, letting you decide how much of the low end is filtered out.

Advanced UI

The Advanced UI offers more detailed control for users who want precise, individual adjustments to each frequency band, along with a full-featured parametric equalizer.

1. **Full Frequency Analyzer with Draggable Thumbs**
   A visual representation of the entire frequency spectrum, where you can see the exact curve of the EQ in real-time. The draggable thumbs allow you to manipulate the frequency bands with precision, adjusting the gain and frequency of each point for exact tonal shaping.
2. **4 Sliders: Low, Mid, Highs, Air**
   - **Low**: Adjusts the low-frequency range, allowing you to add warmth or tighten up the bottom end.
   - **Mid**: Fine-tunes the midrange frequencies, which are crucial for the clarity of vocals, guitars, and many other instruments.
   - **Highs**: Controls the higher frequencies, adding brightness or reducing harshness.
   - **Air**: Adds an extra layer of sparkle and presence to the highest frequencies, often used to enhance the perceived clarity and openness of the sound.
3. **Low Cut**
   The Low Cut filter (also known as HPF) is adjustable, allowing you to tailor the frequency at which the low-end is filtered. This is especially useful for cleaning up unnecessary low-frequency rumble or for creating space in the mix.

With the **EQ Module**, VoxGuru gives you all the flexibility you need to shape your sound, whether you're after quick adjustments with the Simple UI or a more detailed, hands-on approach with the Advanced UI. The included presets and four distinct EQ modes ensure that you can easily achieve the tonal qualities that fit your mix, while the customizable parameters allow for detailed, precise control.

Saturation Module

The **Saturation Module** in VoxGuru offers a rich palette of harmonic distortion effects designed to add warmth, color, and texture to your sound. Whether you want to simulate the classic warmth of tape, the smoothness of tube saturation, or the raw intensity of fuzz, this module provides you with the tools to inject character into your audio.

With four distinct **saturation modes**, VoxGuru's Saturation module gives you the flexibility to dial in just the right amount of harmonic distortion for any given track or mix. Whether you're working with the simple interface for quick changes or the advanced interface for deeper control, the Saturation module ensures you can achieve the perfect blend of warmth and edge.

Saturation Modes

VoxGuru's Saturation module offers four unique modes, each delivering a different flavor of distortion:

1. **Tape**
   Emulates the smooth, natural saturation of analog tape, adding warmth and subtle harmonic distortion. Ideal for vintage vibes and smoothening digital harshness.
2. **Soft Clipping**
   Adds mild saturation with soft clipping, providing a gentle, transparent warmth to your sound. This mode is great for enhancing clarity and depth without introducing heavy distortion.
3. **Tube**
   Simulates the characteristic harmonic distortion of tube amplification, providing a rich, musical warmth with a bit of grit. Perfect for adding character to vocals, guitars, and drums.
4. **Fuzz**
   For those looking for intense, raw distortion, the Fuzz mode delivers powerful harmonic content with an edgy, aggressive sound. Great for experimental music or adding a bit of dirt to your sound.

Simple UI

The Simple UI is designed for ease of use, providing the essential controls for fast, efficient saturation adjustments.

1. **Master/Level Parameter**
   This control sets the overall saturation level. Adjusting the Master parameter determines the amount of harmonic distortion applied to the signal, with gain compensation automatically adjusting to maintain a consistent output volume, ensuring that your mix retains its loudness without clipping.

Advanced UI

For more detailed control over your saturation, the Advanced UI unlocks a range of parameters for fine-tuning the effect to suit your specific needs.

1. **Drive**
   The Drive control adjusts the intensity of the saturation effect. Increasing the Drive adds more harmonic content and distortion, while lower values offer a subtler, smoother saturation.

2. **Output**
   Sets the final output level after the saturation has been applied. This control allows you to adjust the output to match your desired loudness and prevent clipping when applying heavy saturation.
3. **Output Link (Compensates Volume)**
   Automatically compensates the output volume based on the applied saturation, ensuring consistent loudness even when adjusting the Drive. This feature helps maintain your signal's level without introducing unwanted gain changes.
4. **Bias**
   The Bias control adjusts the DC offset of the saturation effect, allowing you to fine-tune the harmonic response. This parameter can add further warmth or modify the tonal character of the saturation, giving you more flexibility to shape your sound.
5. **Mix**
   The Mix control blends the saturated signal with the dry signal for parallel processing. This feature lets you retain the natural dynamics of your audio while still benefiting from the character of the saturation effect.
6. **Tone**
   Adjusts the overall tonal character of the saturated signal. Use the Tone control to brighten or darken the sound, giving you more control over the tonal balance of the effect.

With the **Saturation Module**, VoxGuru enables you to inject musicality and warmth into your tracks with a variety of distortion flavors. Whether you're after the subtle warmth of tape, the smoothness of tubes, or the raw intensity of fuzz, this module provides all the controls needed to shape your sound with precision.

Time Module

The **Time Module** in VoxGuru combines the rich, atmospheric qualities of **Reverb** with the rhythmic precision of **Delay** to add depth, space, and movement to your sound. Whether you're creating expansive reverb tails or rhythmic delay effects, the Time Module offers a comprehensive set of controls to fine-tune your spatial effects.

With **seven distinct modes**—Room, Hall, Chamber, Small, Medium, Large, and Huge—you can choose from a variety of spaces to emulate, from intimate rooms to vast, grand halls. The module provides both **Simple UI** and **Advanced UI** options, allowing for quick setup or more detailed control depending on your needs.

Reverb & Delay Modes

VoxGuru's Time Module offers seven reverb and delay modes to suit different applications and create a variety of spatial effects:

1. **Room**
   Simulates the sound of a small room, providing subtle reflections and a compact, intimate reverb effect.
2. **Hall**
   Creates a large, lush reverb effect that mimics the acoustics of a concert hall, perfect for vocals and orchestral instruments.
3. **Chamber**
   Emulates the sound of a smaller, reflective chamber, providing a natural, rich reverb with a bit of complexity.
4. **Small**
   A tighter, smaller reverb with a controlled decay, ideal for adding a bit of space without overwhelming the mix.
5. **Medium**
   Offers a balanced, natural reverb that sits well in most contexts, providing depth without excessive space.
6. **Large**
   Delivers an expansive reverb with more tail, ideal for creating vast spaces or adding atmosphere to larger productions.
7. **Huge**
   A truly expansive, cavernous reverb effect, perfect for creating massive spaces or dramatic, atmospheric moments.

Simple UI

The Simple UI offers straightforward controls to manage your reverb and delay effects, focusing on ease of use for quick adjustments.

1. **In/Out Ducking Meters (Reverb and Delay)**
   Visual meters showing the in and out levels of the reverb and delay signals. These help you monitor the overall signal processing and ensure the effects sit well in your mix.
2. **Reverb and Delay Level Sliders**
   Adjust the wet signal levels of both reverb and delay. These sliders control how much of each effect is mixed with the dry signal, allowing you to set the desired effect intensity.
3. **Reverb and Delay Ducking Sliders**
   The ducking controls allow you to automatically reduce the effect’s level when a signal exceeds a certain threshold, creating a more dynamic space that clears up when the main signal is present. The sliders let you adjust the amount of ducking for both reverb and delay.

4. **Delay Rate (Synced Time Interval for the Delay)**
   Controls the delay time, synchronized to your project's tempo. Adjust the Rate to set the time interval between the delayed repetitions, providing rhythmic or ambient effects that stay in sync with your music.

Advanced UI

The Advanced UI provides deeper control, unlocking a variety of additional parameters for fine-tuning both reverb and delay effects.

1. **Reverb Controls**
   - **Decay**: Adjusts the length of the reverb tail, controlling how long the reverb lasts before fading away. Longer decay times create more spacious, atmospheric effects.
   - **Room Size**: Controls the perceived size of the room or space being simulated, from a small, intimate room to a large, grand hall.
   - **Diffusion**: Adjusts the density of reflections within the reverb. Higher diffusion settings create a smoother, more blended reverb, while lower settings give a more distinct, discrete reflection pattern.
   - **Damping**: Reduces high-frequency reflections within the reverb, adding warmth or controlling excessive brightness in the reverb tail.
2. **Delay Controls**
   - **Feedback**: Determines how many times the delay signal repeats. Higher feedback values will create more repetitions, while lower values result in a more subtle delay.
   - **Rate**: Controls the delay time in milliseconds or in tempo-synced values. This can be set to create rhythmic delays or ambient echoes.
   - **Ping Pong (On/Off Button)**: Activates a ping-pong delay effect, which alternates the delayed signal between the left and right channels for a stereo effect.
   - **Stereo Width (Only if Ping Pong is Enabled)**: Controls the width of the stereo image for the ping-pong delay. Increasing the width expands the left-to-right spread, while narrowing it centers the effect.

With the **Time Module**, VoxGuru offers everything you need to create lush, immersive spaces with reverb and rhythmic delay effects. Whether you're aiming for subtle ambiance or large, dramatic spaces, this module provides intuitive controls for both quick tweaks and precise, detailed adjustments.

FX Module

The **FX Module** in VoxGuru is designed to add creative flair, texture, and dimension to your vocal tracks. Whether you want to thicken up a lead vocal, create harmonies, or add vintage character, the six effects in this module offer a wide range of possibilities to shape your sound.

With **Doubler**, **Phone**, **Chorus**, **Amplifier**, **Harmony**, and **Phaser**, you can experiment with everything from subtle enhancement to bold transformation, all tailored specifically to vocal processing.

Available Effects in the FX Module

Here's an overview of each effect in the **FX Module**, with a focus on their application to vocals:

1. **Doubler**
   The **Doubler** effect thickens your vocals by creating multiple, subtly detuned copies of the original voice. By varying the timing and pitch slightly, it simulates the effect of

multiple vocal performances, adding width and depth. This is perfect for doubling lead vocals, creating lush backing vocal textures, or thickening sparse vocal arrangements.

2. **Phone**
   The **Phone** effect mimics the sound of vocals being transmitted through a phone or low-fi speaker. It reduces the frequency range, emphasizing midrange frequencies and giving the vocal a "muffled" quality. This is ideal for creating vintage-sounding vocal effects, like distant or lo-fi voices, or for sound design when you want a voice to sound as if it's coming from a speaker or a phone call.
3. **Chorus**
   The **Chorus** effect introduces a lush, shimmering quality to your vocals by creating slight detuning and delay of the vocal signal. It simulates the effect of multiple voices or instruments singing in unison, adding movement and depth. It’s perfect for wide, atmospheric backing vocals or adding a more ethereal and spacious quality to lead vocals, especially in genres like pop, rock, and electronic.
4. **Amplifier**
   The **Amplifier** effect brings the sound of an amp to your vocals, offering a range of tonal options from clean to slightly driven sounds. Whether you want to add warmth and character or introduce light distortion for a more edgy, rock-style vocal, this effect gives you the flexibility to shape the tone and character of your voice. Ideal for indie, rock, or even experimental vocal styles that benefit from a bit of grit.
5. **Harmony**
   The **Harmony** effect generates real-time harmonies based on the pitch of your lead vocal. You can use this effect to instantly add harmonies to your vocal lines, whether you're looking for simple thirds, or more complex harmonizations. It’s perfect for thickening solo vocals, creating choral effects, or adding an additional vocal layer to enhance the richness of the performance.
6. **Phaser**
   The **Phaser** effect modulates the phase of the vocal signal, creating a sweeping, movement-like sound. This is useful for adding texture and depth to your vocals, especially when you want a more atmospheric or psychedelic vibe. The Phaser is great for subtle, background movement or creating a more dramatic, spacey effect when applied to vocal pads or ad-libs.

The **FX Module** in VoxGuru allows you to shape your vocal performances in creative and unique ways. Whether you're doubling your lead vocals, adding harmonic layers, or experimenting with vintage effects, this module provides all the tools needed to elevate your vocal tracks and add distinctive textures.

Doubler

The **Doubler** effect in VoxGuru is designed to thicken your vocals by generating multiple, slightly detuned copies of the original signal. It creates the impression of multiple vocal performances, adding width, depth, and richness to your sound. This effect is especially useful for enhancing lead vocals, creating lush backing vocals, or adding vocal layers that feel natural and wide.

Simple UI

The **Simple UI** for **Doubler** offers straightforward controls to quickly adjust the effect level and easily integrate it into your mix.

1. **Level**
   This control adjusts the overall level of the doubled vocals. It lets you set how prominent

the doubled voices should be in the mix relative to the dry signal. Increasing the level thickens the vocal texture, while lowering it makes the effect more subtle.

Advanced UI

For more precise control, the **Advanced UI** provides additional parameters to fine-tune the **Doubler** effect.

1. **Level**
   Just like in the Simple UI, this control adjusts the level of the doubled vocals. However, in the Advanced UI, it allows for finer adjustments to suit your specific mix.
2. **Variation**
   The **Variation** control introduces slight pitch and timing variations between the original signal and the doubled copies. By adjusting this parameter, you can make the doubled voices sound more natural and less robotic, creating the illusion of multiple vocal performances. Higher variation values add more "human" randomness, while lower values make the doubling effect tighter and more artificial.
3. **Stereo Width**
   The **Stereo Width** control adjusts the spread of the doubled voices in the stereo field. Increasing the width pushes the doubled vocals further apart, creating a wider, more expansive sound. Lower values narrow the stereo image, keeping the doubled vocals closer to the center. This control is essential for placing the doubled vocals in the right spatial context within your mix.

The **Doubler** effect gives you everything you need to add depth and richness to your vocals. Whether you want subtle thickening or a dramatic widening effect, the controls in both the Simple and Advanced UIs allow you to customize the effect to your liking.

Phone

The **Phone** effect in VoxGuru simulates the sound of a vocal being transmitted through a phone or small speaker. It cuts off the high and low frequencies, emphasizing the midrange and giving your vocal a "lo-fi" and muffled quality. This effect is ideal for creating vintage, distant, or compressed-sounding vocals, and is commonly used in sound design, creative effects, or to simulate a phone call.

Simple UI

The **Simple UI** for the **Phone** effect is designed for quick, easy control of the overall level of the effect.

1. **Level**
   This control adjusts the overall volume of the processed "phone" effect. It lets you blend the phone-effected vocals with the dry signal, controlling how prominent the effect is in

the mix. You can dial it in for a subtle, telephone-like coloration or crank it up for a more extreme, lo-fi sound.

Advanced UI

The **Advanced UI** gives you deeper control over the tonal characteristics of the **Phone** effect, allowing for more nuanced sound shaping.

1. **Level**
   This is the same control as in the Simple UI but with more precise adjustments available in the Advanced UI. It sets the overall volume of the phone-effected signal relative to the dry signal.
2. **Drive**
   The **Drive** control introduces a mild distortion to the phone effect, adding warmth and grit. Increasing the drive simulates the "crunchiness" that occurs when pushing the phone or speaker signal, which can help to emphasize the lo-fi, vintage quality of the sound. Use this control to add some character and texture to the phone effect.
3. **Resonance**
   The **Resonance** control boosts the resonance frequency, emphasizing a particular frequency range within the midrange of the phone effect. This can make certain parts of the vocal stand out more, giving it a more pronounced “telephone” character. Higher values bring a more nasal or honky sound, while lower values make the effect more neutral.
4. **Center Frequency**
   The **Center Frequency** sets the center of the frequency range where the phone effect is most prominent. This frequency determines the tonal character of the phone effect—moving the center frequency higher will focus the effect more on the upper midrange, while lowering it will emphasize the lower midrange, making the phone sound “muddy” or “boxy.”

The **Phone** effect is perfect for transforming vocals into a vintage, lo-fi sound, simulating the narrow bandwidth of a telephone or speaker. The **Advanced UI** gives you the flexibility to adjust the tonal details, while the **Simple UI** allows for easy application and blending of the effect into your mix.

Chorus

The **Chorus** effect in VoxGuru adds lushness and depth to your vocals by simulating the sound of multiple voices or instruments singing in unison, slightly detuned and delayed. This effect creates a shimmering, wide sound, making your vocals feel more expansive and dynamic. It's perfect for adding movement and a spacious quality to vocals, especially in genres like pop, rock, and electronic.

Simple UI

The **Simple UI** for the **Chorus** effect is designed for ease of use, allowing you to quickly adjust the overall level of the chorus effect.

1. **Level**
   This control sets the volume of the processed chorus effect. It adjusts how much of the wet, chorused signal is mixed with the dry vocal, allowing you to find the right balance

between the two. Increasing the level makes the chorus effect more prominent, while lowering it keeps the effect subtle.

Advanced UI

The **Advanced UI** gives you finer control over the tonal and spatial characteristics of the **Chorus** effect, allowing for more detailed sound shaping.

1. **Level**
   Similar to the Simple UI, this control adjusts the level of the chorus effect in the mix. In the Advanced UI, you have finer control over the wet signal relative to the dry vocal.
2. **Rate**
   The **Rate** control adjusts the speed of the chorus modulation. Increasing the rate makes the chorused voices detune and shift more quickly, creating a more noticeable, fast-moving effect. Lowering the rate slows down the modulation, resulting in a more subtle, smooth chorus sound. This control is crucial for determining how "active" the chorus effect feels in your vocal performance.
3. **Depth**
   The **Depth** control defines the intensity of the detuning and modulation of the chorused voices. Higher values result in more pronounced pitch shifts, giving the effect a more dramatic, shimmering quality. Lower values make the effect more subtle, with less noticeable detuning, providing a more natural and refined chorus sound.
4. **Delay**
   The **Delay** control sets the amount of time delay before the chorused voices are heard. This parameter controls the spacing between the original vocal and the chorused versions, determining the width of the effect. Longer delay times create a more spacious, wide effect, while shorter delay times produce a tighter, more intimate sound.

The **Chorus** effect adds depth, width, and movement to your vocals, perfect for creating a rich, atmospheric sound. The **Advanced UI** lets you shape the modulation speed, intensity, and stereo width, while the **Simple UI** allows for quick, intuitive control over the level of the effect.

Amplifier

The **Amplifier** effect in VoxGuru emulates the warmth, grit, and tonal shaping of classic amplifiers, adding character and edge to your vocals. Whether you're looking to add a bit of

distortion for a more driven sound or a clean boost to emphasize certain elements, the **Amplifier** effect provides flexibility in achieving a wide range of tonal colors. This is especially useful for rock, indie, experimental, or any style of vocal performance that benefits from a bit of grit or warmth.

Simple UI

The **Simple UI** for the **Amplifier** effect is designed to provide an easy way to adjust the overall level of the amplified signal.

1. **Level**
   This control adjusts the overall volume of the processed amplified signal. It lets you balance the distorted signal with the dry vocal, ensuring that the amplified effect fits smoothly into your mix without overpowering the original vocal.

Advanced UI

The **Advanced UI** provides a deeper level of control over the amplifier's tone, distortion, and EQ settings, allowing for more precise shaping of the sound.

1. **Amp Type (Drop-down Menu)**
   This drop-down menu lets you choose from three different amplifier types, each with its own distinct character:
   - **Clean**: A transparent amplifier type that adds subtle warmth without distortion, perfect for boosting vocals while retaining clarity.
   - **Overdrive**: Adds light to moderate distortion, giving the vocal a grittier, more edgy tone.
   - **Distortion**: A heavier amplifier setting, providing more aggressive and saturated tones that add significant drive and bite to the vocal performance.
2. **Level**
   The **Level** control in the Advanced UI adjusts the overall output level of the amplified signal, just like the Simple UI's level control. This allows you to match the amplified signal's volume with the dry vocal, giving you control over how prominent the effect is in the mix.
3. **Drive**
   The **Drive** control determines the amount of distortion added by the amplifier. Higher drive values add more saturation and grit, while lower values offer a cleaner sound. This is essential for dialing in the intensity of the amplifier's effect—whether you want a subtle warmth or a more aggressive distortion.
4. **3-Band EQ**
   The **Amplifier** effect includes a 3-band EQ to shape the tonal balance of the amplified signal:

- **Lows**: Controls the low-frequency content of the amplified sound. Adjusting this can add warmth or tighten the low end.
- **Mids**: Adjusts the midrange frequencies, helping to bring out the presence of the vocal or tone down certain "boxy" characteristics.
- **Highs**: Adjusts the high frequencies, adding clarity and sparkle or softening harshness in the upper register.

The **Amplifier** effect allows you to add a range of tonal colors and distortion levels to your vocals. The **Advanced UI** offers complete control over the amp type, drive, and EQ settings, while the **Simple UI** allows you to quickly adjust the overall level of the effect.

Harmony

The **Harmony** effect in VoxGuru generates real-time harmonies based on the pitch of your lead vocal, allowing you to create lush vocal layers. Whether you want to add subtle harmonic support or more complex harmonizations, this effect offers the flexibility to craft the perfect vocal arrangement. It's perfect for thickening solo vocals, creating choral effects, or adding layers that fit seamlessly into the key and scale of your track.

Simple UI

The **Simple UI** for the **Harmony** effect provides easy access to key harmonic settings and allows for a quick setup of harmonized vocals.

1. **Key Selection (Dropdown Menu)**
   This control lets you select the key of your vocal track. The **Harmony** effect will generate harmonies based on the key you choose, ensuring the harmonies align with your song's tonal center.

2. **Scale Selection**
   You can choose between three different scales for the harmonies:
   - **Major**: The standard major scale, giving a bright and consonant harmonic feel.
   - **Minor**: The natural minor scale, creating a more somber, emotional quality to the harmonies.
   - **Harmonic Minor**: A variant of the minor scale with a raised 7th degree, often giving a more exotic or dramatic feel to the harmonies.
3. **Level**
   This control adjusts the volume of the harmony voices relative to the dry lead vocal. Use it to blend the harmonized voices into your mix, from a subtle enhancement to a more prominent, choral effect.

Advanced UI

The **Advanced UI** expands on the **Simple UI** with additional controls to provide more precise and creative control over the harmonies.

1. **Key Selection (Dropdown Menu)**
   Same as in the Simple UI, this lets you select the key of your track to guide the harmony generation.
2. **Scale Selection**
   Choose from **Major**, **Minor**, or **Harmonic Minor** scales to determine the tonality of the harmonies. These options give you the flexibility to create harmonies that suit the emotional tone of your track.
3. **Voice 1 or 2 Bypass Buttons**
   These bypass buttons allow you to toggle each harmony voice (Voice 1 and Voice 2) on or off independently. This is useful if you want to isolate or mute a specific harmony voice in your mix.
4. **Voice 1 and 2 Interval Selection (3rds, 5ths, 6ths Up or Down)**
   Select the interval for each harmony voice to create the desired harmonic relationship with your lead vocal. You can choose:
   - **3rds**: A third interval, which gives a rich and consonant sound.
   - **5ths**: A fifth interval, producing a more open, power-chord-like effect.
   - **6ths**: A sixth interval, which gives a warmer, smoother harmony. You can select either an **up** or **down** interval, depending on whether you want the harmony to rise above or fall below the lead vocal.
5. **Stereo Width**
   This control adjusts the stereo spread of the harmony voices. Increasing the width spreads the harmonies further across the stereo field, creating a more immersive, expansive sound. Lowering the width centers the harmonies, keeping them closer to the lead vocal.
6. **Cents (Fine Tuning)**
   The **Cents** control allows for fine-tuning the pitch of the harmonies in smaller increments,

helping you to make precise adjustments to the harmony's pitch for more natural-sounding results or to intentionally create slight pitch discrepancies for a more dissonant effect.

The **Harmony** effect is a powerful tool for creating rich, layered vocal arrangements, with the ability to fine-tune harmonies to perfectly complement your lead vocals. Whether you're looking for a natural, simple harmony or complex, wide harmonies, the **Advanced UI** gives you the control to shape the harmonies exactly how you want.

Phaser

The **Phaser** effect in VoxGuru modulates the phase of the vocal signal, creating a sweeping, whooshing sound. It’s perfect for adding movement, texture, and a sense of space to your vocals. The effect works by shifting the frequency spectrum of your vocal signal, which can be

used subtly for atmospheric enhancement or more dramatically for psychedelic and experimental sounds.

Simple UI

The **Simple UI** for the **Phaser** effect provides a quick and easy way to control the intensity of the effect.

1. **Level**
   This control adjusts the overall volume of the phaser effect in the mix. It allows you to set how prominent or subtle the phaser effect is relative to the dry vocal. Increasing the level creates a more noticeable sweep, while lowering it makes the phasing effect more subtle.

Advanced UI

The **Advanced UI** offers additional controls to fine-tune the phasing effect, giving you more creative options to shape its sound.

1. **Level**
   Similar to the Simple UI, this adjusts the overall volume of the phaser effect. The **Advanced UI** provides more precise adjustments to fit the effect smoothly into your mix.
2. **Rate**
   The **Rate** control adjusts the speed of the phasing effect. Increasing the rate causes the sweep to occur faster, creating a more noticeable, "choppy" movement. Slowing it down produces a more gradual and subtle sweep, giving the effect a smooth, ebbing quality.
3. **Depth**
   The **Depth** control defines the intensity of the phase modulation. Higher depth values increase the amount of phase shift applied to the signal, making the sweep more pronounced and dramatic. Lower values make the phasing effect subtler and more transparent, with less movement in the sound.
4. **Feedback**
   The **Feedback** control determines the amount of the phased signal that is fed back into the effect, increasing the intensity of the phase shift. Higher feedback values result in a more pronounced, almost "echo-like" effect, while lower values produce a smoother, more natural-sounding phase modulation.

The **Phaser** effect is a great way to add movement and texture to your vocals, from subtle background modulation to dramatic, sweeping effects. The **Advanced UI** provides full control

over the speed, intensity, and feedback of the phasing effect, while the **Simple UI** lets you easily adjust the level of the effect to fit into your mix.

Contact Support

If you need to contact THR support you can do so by filling out this form or by reaching out to support@thraudio.com