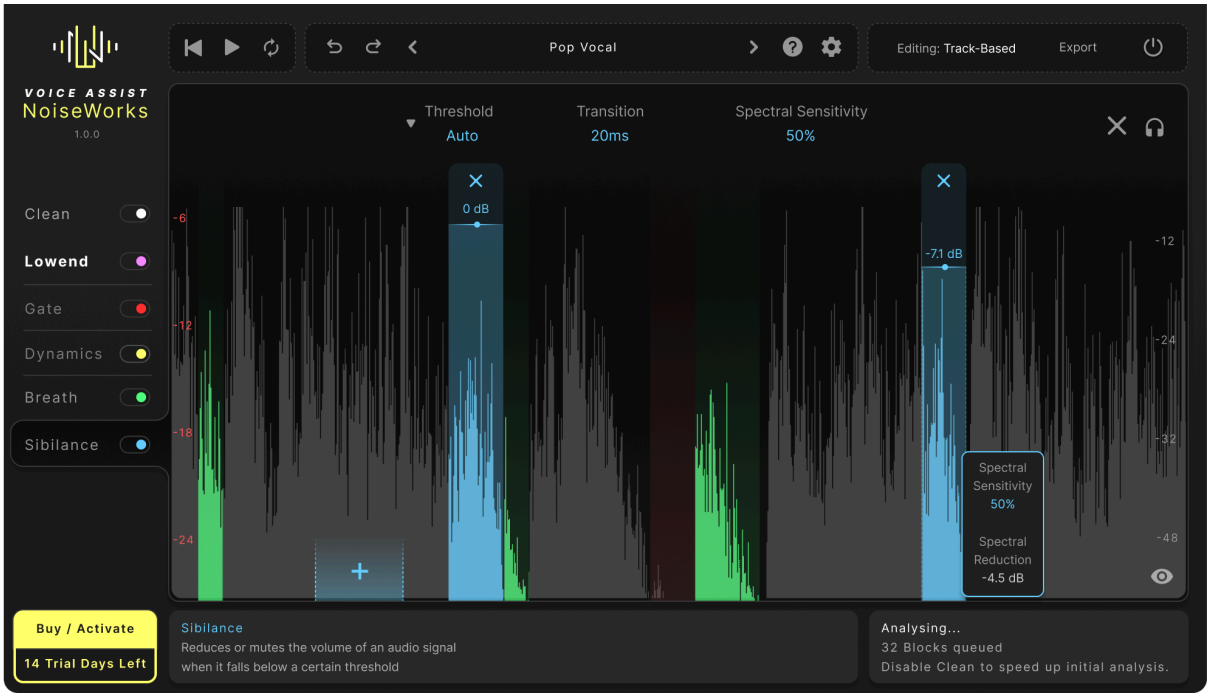
NOISEWORKS

# NoiseWorks “VoiceAssist”

## User Manual



# General information

**Download WIN:**
https://nw-product-downloads.s3.eu-north-1.amazonaws.com/prod/VoiceAssist/LATEST/win/VoiceAssist.exe

**Download MAC:**
https://nw-product-downloads.s3.eu-north-1.amazonaws.com/prod/VoiceAssist/LATEST/mac/VoiceAssist.pkg

**MAC:**
Intel & Apple Silicon Support (min. OS 12.0)
Win: 64 bit (min. Windows 10 & min Intel Core i5/i7 4th Gen “Haswell” from June 2013 or higher

**Licensing:** iLok & NoiseWorks licensing system

**Seats per license:** 2

**Supported formats:** AU,VST,AAX

**Integration:** ARA, standalone application (No Transfer Mode for release version)

**Supported DAWs via ARA:** Pro Tools 2024.10+, Studio One, Luna Pro, Reaper, Cubase, Nuendo, Logic Pro (Intel & Apple Silicon via Rosetta)

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# Introduction

## About VoiceAssist

Since its release in May 2024, DynAssist has become a standard in modern, AI-driven audio engineering. Now, with VoiceAssist, its powerful new sibling has arrived—offering even more features and improved versions of DynAssist's core tools.
VoiceAssist is an AI-powered ARA and standalone plugin that helps you edit voice recordings in minutes. It includes tools for denoising, reverberation, gain leveling, breath detection, sibilance control, and intelligent gating.
VoiceAssist represents the future of audio engineering—AI that assists the engineer by handling the repetitive tasks, without taking away creative control.
That's what we aim for at NoiseWorks.

## Who is VoiceAssist for?

VoiceAssist is made for anyone working with vocals & dialogue—whether professionally or as a hobby. It's perfect for those who want to spend less time on technical cleanup and more time focusing on the creative side of their work.

**By taking voice editing to the next level, VoiceAssist is a powerful assistant for:**

- Editing podcasts
- Editing audiobooks
- Editing vocal tracks for songs
- Editing any kind of dialogue

If you work with voice, VoiceAssist will save you time and help you achieve high-quality results. It gives you a clean and consistent starting point, no matter what kind of recording you're working with.

**VoiceAssist is great for handling:**

- Poor recordings with background noise (street sounds, fan noise, room reverb, or headphone bleed, missing frequency ranges)
- Unwanted volume jumps
- Harsh sibilance or loud breaths
- Subtle vocal adjustments that preserve the artist's dynamics and performance

With VoiceAssist, you stay in control—while the plugin takes care of the tedious tasks - giving you a perfectly clean starting point

# Quickstart

First, download VoiceAssist via the trial popup on our website or log in to your user account. If you already have a license, you'll find the latest installer and your order history in your account dashboard.

VoiceAssist is supported via ARA in the following DAWs:
Pro Tools 2024.10+, Studio One, Luna Pro, Reaper, Cubase, Nuendo,

## Pro Tools (2024.10 or later)

1. Right-click on the clip you want to edit.
2. Select "VoiceAssist" from the dropdown list.
3. VoiceAssist will automatically analyze the clip.

## Studio One

**Option 1:**

1. Right-click on the audio event.
2. Navigate to "Event FX".
3. Select "VoiceAssist" from the list.

**Option 2:**

1. Select the track with the desired clip.
2. Open the Track Inspector on the left side.
3. Scroll down to the "Event FX" section.
4. Choose "VoiceAssist" from the dropdown list.

## Luna Pro

1. Select the clip you want to edit.
2. Right-click and choose "Extensions".
3. Select "VoiceAssist".
4. VoiceAssist will load and begin analyzing the clip automatically.

## Reaper

### Option 1: Track-based Workflow

1. Add "VoiceAssist" to the first insert slot on the track.
2. Add your voice clips to the track.
3. VoiceAssist will automatically process all clips on that track.

### Option 2: Item-based Workflow

1. Right-click on the clip.
2. Navigate to "Take" → "Show FX Chain for Active Take".
3. Add "VoiceAssist" from the plugin list.

## Cubase & Nuendo

### Option 1: Clip Extensions

1. Select the audio clip you want to edit.
2. Go to the top menu and find the **Extensions** section.
3. Choose **VoiceAssist** from the dropdown menu.
4. VoiceAssist will open and begin analyzing the selected clip automatically.

### Option 2: Track Extensions

1. Select the track that contains your audio clips.
2. In the left-hand menu (Track Inspector), locate the **Extensions** section.
3. Choose **VoiceAssist** from the dropdown list.
4. VoiceAssist will open and begin analyzing all clips on the track.

# VoiceAssist overview

## How to integrate VoiceAssist

VoiceAssist can be used in three different ways, depending on your DAW and workflow:

### 1. ARA Integration

ARA (Audio Random Access) gives VoiceAssist direct access to the audio file within your DAW. This means the plugin can analyze the audio instantly—without the need for external recording or transfers.

With ARA, everything happens right inside your session. No extra steps, no bouncing audio—just fast, seamless integration.

> **Supported DAWs for ARA:**
> Pro Tools (2024.10+), Studio One, Reaper, Cubase, Nuendo, Logic Pro (via Rosetta), and Luna Pro.

### 2. Standalone application

VoiceAssist also comes with a **standalone application**, which you can use without a DAW. This is perfect for quick voice cleanups or when working in video editing software.

1. Open the **VoiceAssist** app from your Applications folder (macOS) or Start Menu (Windows).
2. Drag and drop your audio file into the window.
3. VoiceAssist will automatically start analyzing the audio.

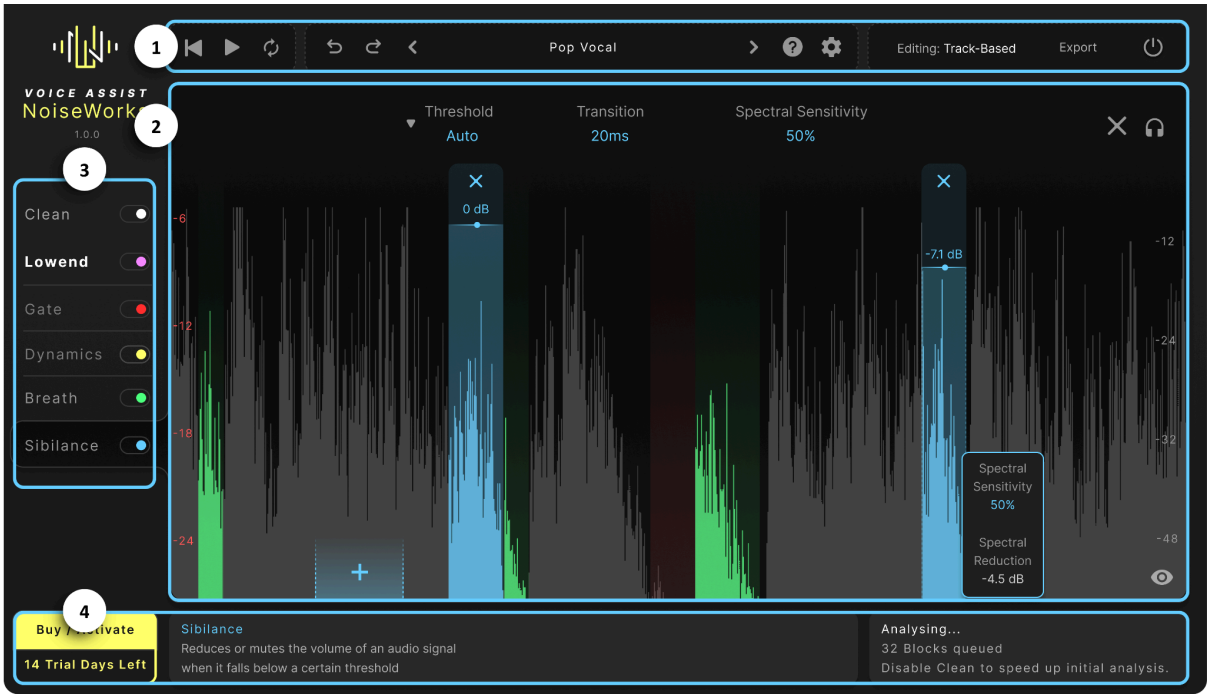
### 3. Transfer Mode (not yet available)

**VoiceAssist in its first version will not include a Transfer Mode.** Please use the standalone application to edit your audio instead. However, we plan to implement this feature in a future version of VoiceAssist. Once available, the implementation will work as follows:

1. Load VoiceAssist on the track.
2. Press the red **Record** button inside the plugin.
3. Hit **Play** in your DAW.
4. Wait for the playback to finish.
5. Stop playback.

VoiceAssist now has access to the audio—just like in ARA mode—and you can proceed with your edits.

# Display




VoiceAssist is divided into three main sections, each representing one of its core features.

1. **Top section**
   At the top, you'll find the **playback controls** (for the standalone application), the **preset manager**, and the **settings menu**.
2. **Main window**
   The central part of the interface shows the **waveform view**, along with all controls and parameters related to the currently selected tab.
3. **Core features**
   On the left side, the main features of VoiceAssist are organized into **tabs**.
   When you select a tab, the main window (3) updates to show the relevant settings and the waveform display for that section.
4. **Bottom section**
   The bottom of the interface includes a few helpful details:
   - If you're using the **trial** or **Lite** version, you'll see buttons for **Buy / Activate** and **Start 14-Day Trial** (based on your current license status).
   - Tooltips appear next to these buttons to guide you through the interface.
   - In the **bottom-right corner**, you'll see the **plugin status**.
     For example, when VoiceAssist is analyzing your audio, it will show how many segments ("chunks") are left to process.

# Controls

## General interaction types

VoiceAssist offers several ways to interact with its interface:

- **Toggle**
  Click to activate or deactivate a setting.
- **Number Fields**
    - Click, hold, and move the mouse **up** to increase or **down** to decrease the value.
    - Or double-click and type in a specific number.
- **Dropdown Menus**
  Click to open the menu and select a value.
- **Buttons & Icons**
  Click to interact with various functions (e.g., play, undo, export).

## Top section controls

- **Playback controls**
  Start, pause, or return to the beginning of the playback.
- **Undo/Redo**
  Click the curved arrows to undo or redo your last action.
- **Preset navigation**
  Click the arrows next to the preset name to browse through presets.
- **Access presets**
  Click on the preset name to view and select all available presets.
- **Manual access**
  Click the **question mark** icon to open the manual.
- **Settings**
  Click the **gear icon** to open the settings popup.
- **Export button**
  Export the **Noise Delta** or **volume automation** as MIDI data.
- **On/Off button**
  Bypass the plugin.

## Main Window Controls

- **Waveform zoom**
  Use the mouse wheel to zoom in and out.
- **Waveform horizontal scroll**
  - Hold **Win (Windows)** or **Cmd (macOS)** and use the mouse wheel.
  - Alternatively, use a horizontal scroll wheel (if available).

- **Timeline highlights**
  The Gate, Breath, and Sibilance sections are color-coded and highlighted on the timeline.
- **Switch section**
  Double-click on a less-highlighted section to switch between the core features.
- **Change section length**
  Click and drag either boundary of a section to adjust its duration.
- **Remove section**
  Click the **X** in the top corner of a section.
- **Change section volume**
  - Click and drag the volume number up or down.
  - Or, double-click the number and type in a value.
- **Add a new section**
  Hover your mouse over the waveform. A **plus (+)** icon will appear at the bottom of the window.
  Click the plus to add a new section for the currently active core feature.
- **Remove all manual edits**
  Click the **X** in the top-right corner of the main window to clear all manual edits for the current section.
- **Solo section**
  Click the **headphones** icon to solo the active section and mute all others.

## Gate-Specific Controls

- **Gate fade in/out**
  - Click and drag the fade dot left or right.
  - Or, double-click to enter a specific value.
- **Gate reduction**
  - Click and drag up or down to change the gain reduction.
  - Or, double-click to enter a specific value.

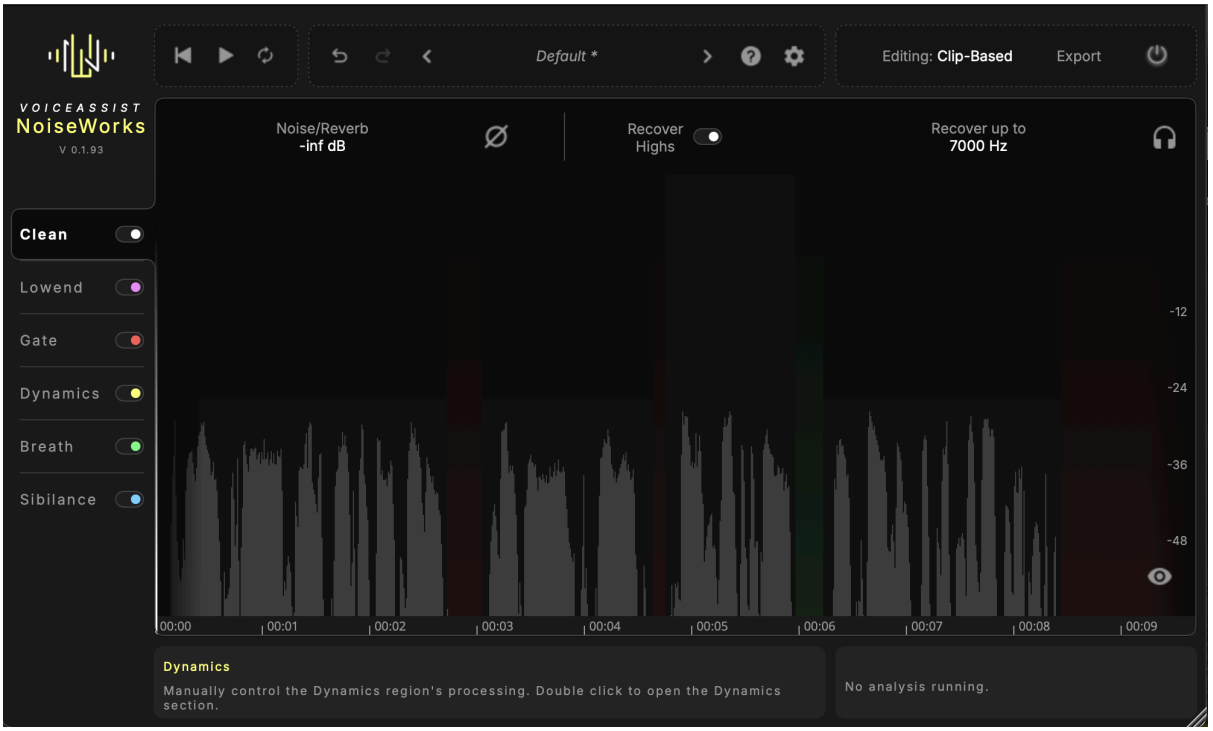
## Volume Automation Controls

- **Change volume**
  - Hover over the automation curve.
  - Click and hold, then move the mouse up or down to adjust volume.
- **Change selection width**
  Hold **Shift** and use the scroll wheel to **widen** or **narrow** the manual selection range.

## Core feature navigation

- **Switch between core features**
  Click on the name of a feature in the **left tab bar** to load its specific settings and waveform view in the main window.

# Section – Clean




The **Clean** section combines powerful AI-based tools for denoising, dereverberation, and frequency repair. It helps create a clean and natural-sounding vocal by removing unwanted noise and recovering lost detail.

**Available parameters:**

- **Noise/Reverb**
  Controls how much background noise and room reverb should be removed.
- **Delta**
  Lets you listen to what the model is removing from your audio. Useful for fine-tuning.
- **Recover Highs**
  Toggle this on to restore high-frequency detail lost during denoising.
- **Recover Up To**
  Set a frequency limit. Frequencies up to this point can be recovered and added back to your signal.

# Section – Lowend


The **Lowend** section restores missing low-frequency content, reduces rumble, and controls resonance. It also includes a flexible low-cut filter to clean up muddy or boomy vocals.

**Available parameters:**

- **Recover Lowend**
  Adds low-end frequencies if they are missing, based on the content and tone of the voice.

- **Resonance Reduction**
  Automatically finds and reduces harsh resonances in the low and low-mid frequency range.
- **Lowcut**
  Offers three filter modes:
  - **Pitch-Based**: Automatically adjusts based on the pitch of the voice.
  - **Custom**: Allows you to set your own cutoff frequency.
  - **Off**: Disables the low-cut filter.

# Section – Gate


The **Gate** section uses AI to intelligently detect where the voice stops and starts. Unlike traditional gates, the AI-powered **Vox Gate** avoids cutting off the start or end of words and syllables.

**Modes:**

- **Vocal Detection**
  AI-powered mode that automatically identifies non-vocal parts.
- **Threshold-Based**
  Classic gating mode where you set a threshold to determine what gets muted.

**Additional controls:**

- **Volume Control**
  Adjust the fade-in/out time and the gate floor level (the volume of gated parts).
- **Min Length**
  Sets the minimum duration a silent part must have to be treated as a pause.
- **Red Highlighted Sections on Timeline**
  These indicate pauses detected by the gate. You can edit them individually (see section “Controls” for manual editing features).

# Section – Dynamics


The **Dynamics** section is the heart of VoiceAssist. It smooths out volume inconsistencies to create a balanced and natural-sounding vocal performance.

**Available parameters:**

- **Speed**
  Controls how detailed and fast the volume automation reacts to changes.
- **Smoothing**
  Works like a dry/wet knob — determines how strongly the automation is applied.
- **Noise Floor**
  Sets a threshold to ignore very low-level sounds that shouldn't be leveled.
- **Target Modes**
  Choose the target loudness mode:
  - **LUFS-I Match**: Automatically matches the integrated loudness of the signal.

    - **LUFS-I Custom**: Set your own LUFS-I target.
    - **LUFS-S Match**: Matches the short-term loudness of the signal.
    - **LUFS-S Custom**: Set your own LUFS-S target.
- **Catch Peaks**
  Reduces transient peaks to keep them under control without compressing the entire track.

**Manual editing**

Applying other changes, such as adjusting parameters, will not affect your manual edits.

- Click and drag up or down to boost or cut the selected part.
- Press **Cmd + Shift + scroll wheel** to change the selection size.

-

# Section – Breath


The **Breath** section uses AI to detect breaths and reduce them naturally, without removing too much or making the voice sound unnatural.

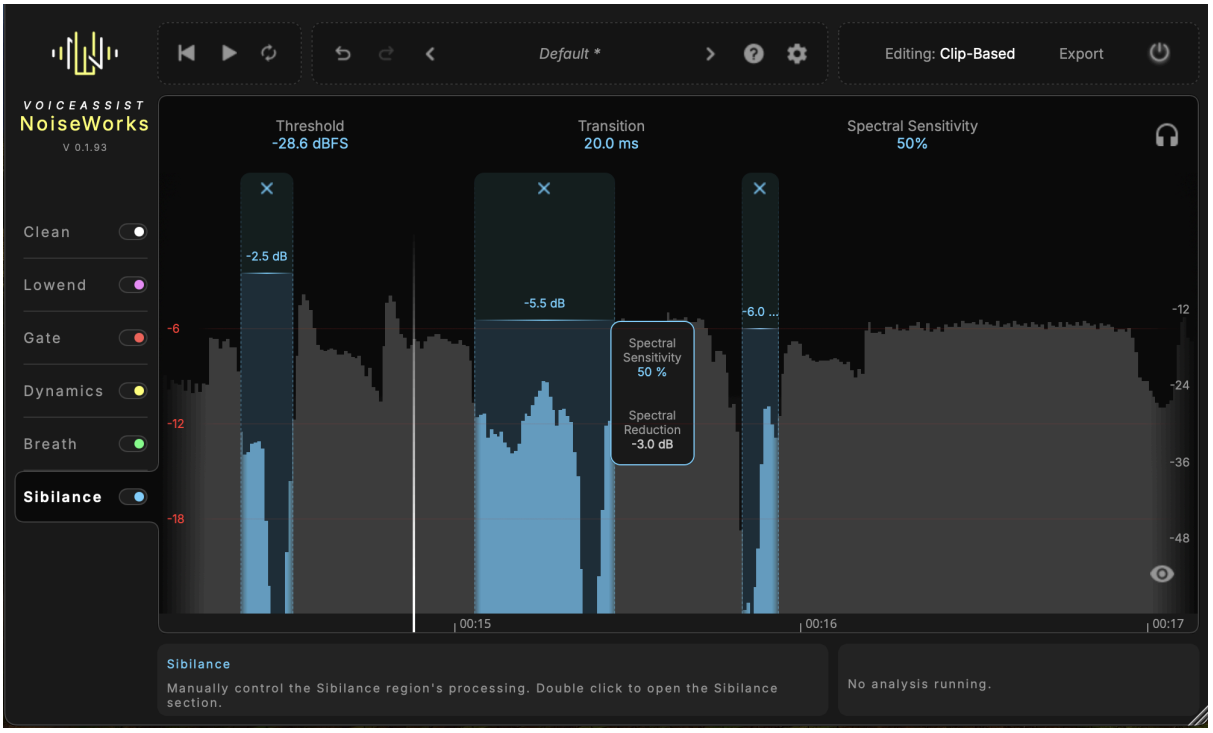
**Available parameters:**

- **Fixed Reduction**
  Applies a constant gain reduction to all detected breaths, regardless of their volume.
- **Threshold**
  Use this to reduce only breaths that exceed a certain loudness level.
- **Transition**
  Controls the fade-in/out time for breaths, allowing smoother and more natural breath reduction.

**Breath – individual section parameters**

- **Volume**
  Adjust the volume of the selected breath sound.
- **Section Boundaries**
  Define the start and end points of each breath section.
- **X**
  Click to remove a breath section.
- **+**
  (appears when hovering at the bottom of the waveform): Click to add a new section.

# Section – Sibilance




The **Sibilance** section identifies and reduces harsh consonant sounds like “S”, “T”, or “SH”. It softens sharp spikes in the high frequencies without dulling the overall tone.

**Available parameters**

- **Threshold**
  Targets only sibilant sounds above a certain loudness level.
- **Transition**
  Controls the fade-in and fade-out time for smoother de-essing.
- **Spectral Sensitivity**
  Adjusts how strongly harsh frequencies are reduced.

**Sibilance – individual section parameters**

- **Volume**
  Adjust the volume of the selected sibilant sound.
- **Spectral Sensitivity**
  Adjust how strongly harsh frequencies are tamed in this section.
- **Section Boundaries**
  Define the start and end points of each sibilance section.
- **X**
  Click to remove a sibilance section.
- **+**
  (Appears when hovering at the bottom of the waveform): Click to add a new sibilance section.

# Presets

You can access all presets by clicking on the preset name at the top of the interface.

- To **set a custom preset as the default**, click the preset name, then select **“Save as default”**. This preset will automatically load every time you open VoiceAssist.
- To **reset to the factory default preset**, click **“Restore default”**.

# Export options

VoiceAssist allows you to export two types of data:

- **Noise Delta**
  Exports the removed background noise, which can be used for creating environmental ambience or for reference.
- **Volume Automation as MIDI**
  Exports the volume automation as MIDI data so you can use it in your DAW or with other tools — even without VoiceAssist.

# Support

## Windows specifications

On Windows systems, a dedicated NVIDIA or AMD graphics card is required. Integrated graphics (such as Intel UHD or Intel Iris Xe) are not supported.

This means that your computer must have a separate graphics card from NVIDIA or AMD installed. If your system only uses the graphics chip that is built into the CPU, VoiceAssist will not run correctly on Windows.

Most desktop PCs with a gaming or workstation configuration meet this requirement. Many standard office laptops, however, do not.
If you are unsure, you can check your graphics hardware in the Windows Device Manager under “Display adapters” or use the free trial to verify compatibility.

## Upgrading from DynAssist to VoiceAssist

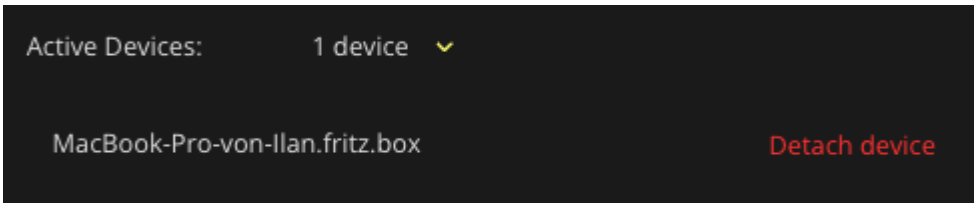
As a DynAssist user, you are eligible to upgrade to VoiceAssist at a discounted price. To validate your eligibility, please follow these steps:

1. Log in to our website with your account.
2. Visit noiseworksaudio.com/products/voiceassist
3. The website automatically checks your eligibility for upgrading to VoiceAssist.
4. If you are eligible, press the upgrade button to add VoiceAssist to your cart.
5. Follow the steps during checkout.

## How to activate a license from a reseller

Please visit the following page to learn how to activate a reseller license:
https://noiseworksaudio.com/how-do-i-activate-the-license-i-got-from-a-reseller/

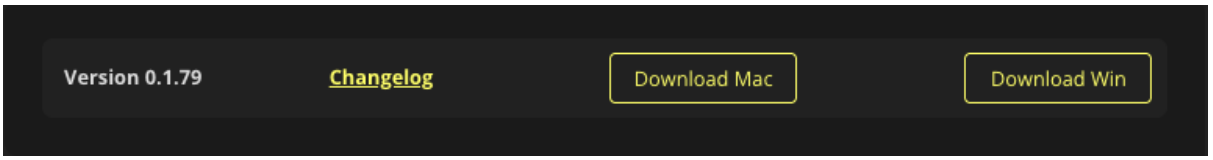
# How to deactivate a seat (only for nw-license)




Please note that this does **not** work for iLok licenses. It only applies to **NW Licensing**, which is our default licensing system. If you haven't transferred your license to iLok, please follow these steps:

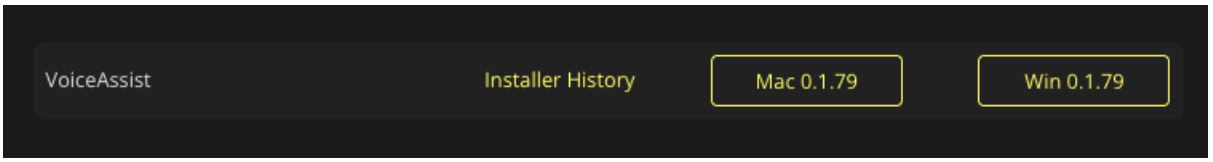
1. Log in to your account at https://noiseworksaudio.com/login
2. Visit your account page.
3. Navigate to **Licenses** using the left-hand menu.
4. Find your license.
5. If your license has been used, click the toggle to view active devices.
6. Detach the device you want to remove from your license.
7. Your license can now be used to activate VoiceAssist on another device.

# How to access the installer & older versions




1. Log in to your account at https://noiseworksaudio.com/login
2. On the dashboard, if you have purchased VoiceAssist, click on **"Installer History"**.
3. You'll find all available installer versions there, along with the changelog.

# How to update




1. Log in to your account at https://noiseworksaudio.com/login
2. On the dashboard, if you have purchased VoiceAssist, use the buttons to download the latest installer.

# How to transfer license to iLok

⚠️ ***Please note: This action cannot be undone!***

To transfer your license to iLok, follow these steps:

1. Log in to your account at https://noiseworksaudio.com/login
2. Navigate to your licenses by clicking **“License”** in the left-hand menu.
3. Find your license and click **“Transfer to iLok”**.
4. Enter your **iLok ID** and the **transfer keyword**.
5. Your Noiseworks license will now be deactivated. A popup will appear showing your new iLok license — you’ll also receive this information via email.
6. Open **iLok License Manager** and redeem your license to link it to your iLok account.
7. You can now use this license to activate VoiceAssist.

# EULA

Please find our EULA here:
https://vendors.paddle.com/download/product/4a56ed89-0756-4fd1-b458-6f49f88efcbf

# Privacy Policy

Please find our privacy policy here:
https://vendors.paddle.com/download/product/4a56ed89-0756-4fd1-b458-6f49f88efcbf