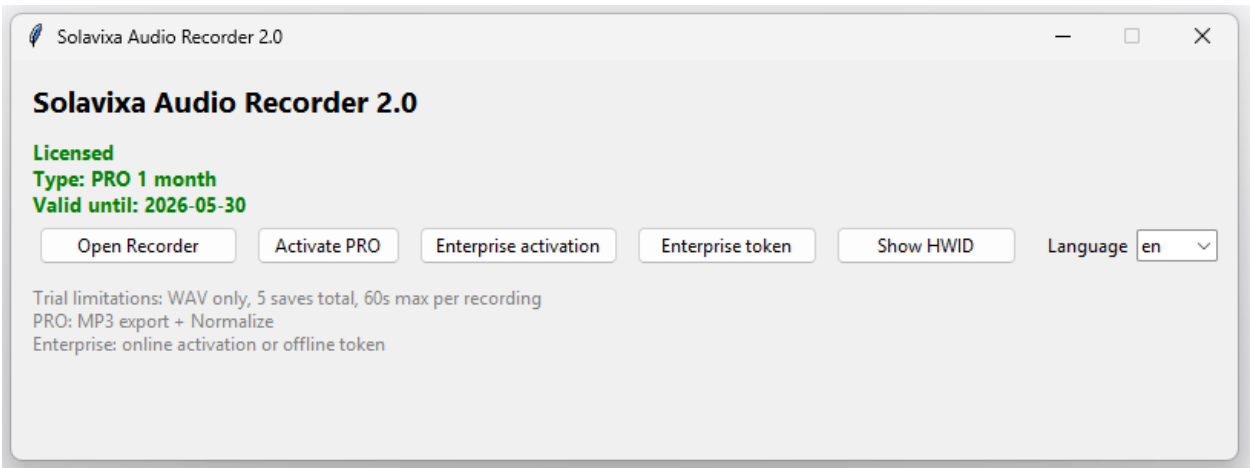


Solavixa Audio Recorder (SAR) - Professional User Guide

Version 2.0

A practical guide for recording system audio, configuring filters, and understanding Trial, PRO, and Enterprise features.



Main application window

Document purpose: This guide helps users get started with Solavixa Audio Recorder, understand the main controls, and record audio with the correct setup and workflow.

Product	Solavixa Audio Recorder (SAR)
Primary use	Desktop recording of system audio via WASAPI loopback
Supported licensing	Trial, PRO, Enterprise activation, Enterprise token
Key output options	WAV, MP3 (PRO / Enterprise)

1. Main Window Overview

The main window provides access to the recorder, licensing actions, device hardware identification, and the interface language selector. It is the starting point before opening the actual recorder panel.

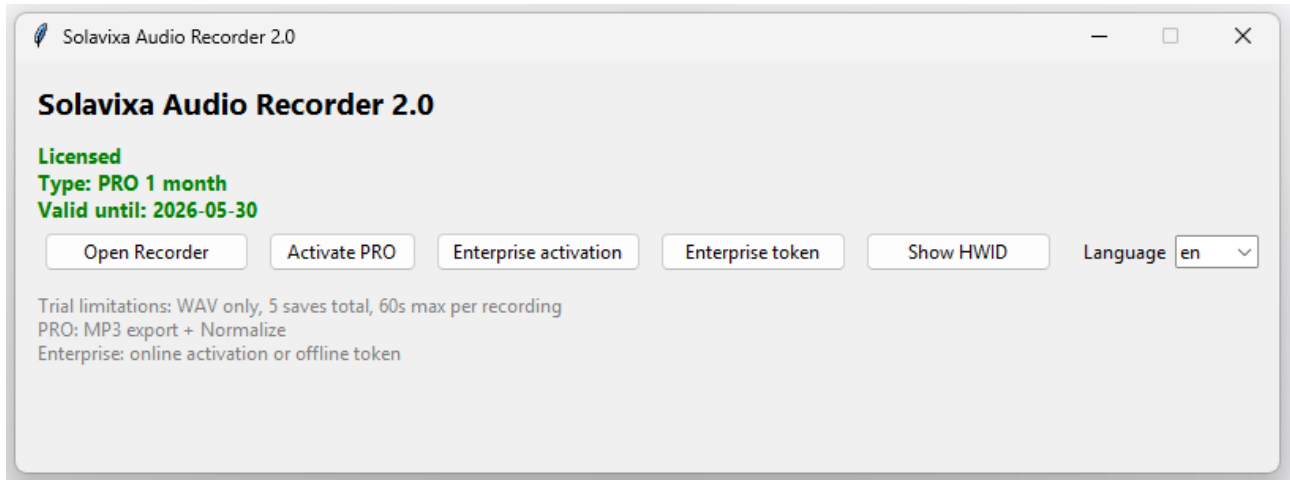


Figure 1. Main window of Solavixa Audio Recorder 2.0

Open Recorder. Opens the recorder window where monitoring, recording, processing, and saving take place.

Activate PRO. Opens the activation flow for a standard PRO license.

Enterprise activation. Starts online Enterprise activation.

Enterprise token. Allows offline Enterprise activation using a token.

Show HWID. Displays the hardware ID used for licensing and support-related checks.

Language. Changes the interface language. Restart the application to fully apply the change.

Licensing summary shown in the main window

The status block indicates whether the application is Trial, PRO, or Enterprise and shows the validity date when a time-based license is active.

Trial limitations: WAV only, 5 saves total, 60 seconds maximum per recording.

PRO: MP3 export and Normalize are available.

Enterprise: online activation or offline token activation.

2. Recorder Window Overview

The recorder window is the main working area for capturing system audio. It includes recording settings, spectrum monitoring, start and stop controls, audio processing tools, device information, and clipping status.



Figure 2. Recorder window with recording controls and filters

Top controls

Format. Choose the output format. Trial supports WAV. PRO and Enterprise may also use MP3.

Sample rate. Choose 44100 or 48000 Hz.

Gain (louder). Adjust manual amplification when Normalize is not enabled.

Normalize (auto loudness). Applies automatic loudness normalization when available.

Monitoring area

The spectrum display helps verify that audio is present. The **Signal** indicator shows whether the recorder currently receives usable audio. The **Clip** indicator warns about excessive peaks.

Recording controls

START begins recording according to the selected settings.

STOP ends the current recording and proceeds to saving or processing.

Open Folder opens the output folder where recordings are stored.

Idle / Time show recorder state and elapsed time.

3. Audio Processing & Filters

These tools help shape or automate the final recording. Use them only when needed so the source signal remains as natural as possible.

- **Equalizer (Low / Mid / High).** Adjusts tonal balance in decibels. All three bands are neutral at 0.0 dB.
- **Soft-Knee Compressor (Limiter).** Helps control strong peaks more gently than hard clipping. Useful when the source has sudden volume spikes.
- **Auto-Silence Skip.** Automatically stops the recording after a longer period of continuous silence.
- **Smart recording.** Records only when meaningful sound is present, reducing unwanted silence.
- **Auto-Split.** Detects track boundaries using silence and can automatically save individual tracks.
- **Low-Cut Filter (80 Hz).** Reduces hum and low-frequency rumble.
- **High-Cut Filter (12 kHz).** Reduces hiss or overly harsh high frequencies.
- **Reset Clip.** Clears the clip warning indicator after clipping has been detected.

3.1 Automatic Recording Modes

Auto-Silence Skip

After approximately 5 seconds of continuous silence, SAR stops the entire recording.

As soon as the audio level drops below the configured threshold, SAR starts measuring the duration of the silence. If the silence lasts longer than about 5 seconds, SAR stops the recording and proceeds to processing and saving. This function is active only when Auto-Split is not enabled.

The silence itself is not immediately removed in normal recording mode. When Smart recording is not enabled, audio data continues to be stored in the buffer, so the saved recording may contain up to approximately 5 seconds of silence at the end.

Practical example:

- 1 Start recording.
- 2 Music is playing.
- 3 The music ends.
- 4 SAR waits for approximately 5 seconds.
- 5 SAR then stops the recording automatically and opens the save process.

Auto-Split without "record one track only"

- 1 Press START while the previous track is still playing.
- 2 SAR waits for the actual end of that track without a time limit.
- 3 As soon as SAR detects silence, a 10-second waiting limit starts.
- 4 When the next track begins, the status changes to Recording.
- 5 When that track ends, SAR saves it and waits for another track for up to 10 seconds.
- 6 If no next track starts within 10 seconds, SAR switches to Idle.

Auto-Split + "record one track only"

- 1 SAR waits for the end of the previous track.
- 2 SAR waits up to 10 seconds for the target track to begin.
- 3 SAR records that track.
- 4 When the track ends, SAR saves it.
- 5 SAR then switches directly to Idle instead of waiting for another track.

Smart recording

SAR remains active, but only audio blocks containing detected sound are written to the recording.

During silence, the status shows **Waiting for audio**. When sound is detected again, the status changes to **Recording**.

Smart recording by itself:

- does not stop the recording automatically,
- does not save the file automatically,
- can wait for new sound indefinitely,
- removes silent gaps between separate audio sections.

The timer in this mode shows the duration of the audio actually stored in the recording, not the total time elapsed since START was pressed.

Practical example:

- 1 Press START.
- 2 There is silence - SAR waits and stores nothing.
- 3 Speech or music begins - SAR stores the audio.
- 4 Silence begins - storing pauses.
- 5 Sound begins again - recording continues in the same file without the long silent gap.
- 6 You must stop the recording manually with STOP.

Main difference

Function	What it does during silence	Stops recording
Auto-Silence Skip	Measures the length of silence	Yes, after about 5 seconds
Smart recording	Does not store silent blocks	No, it waits for more sound

When Auto-Silence Skip and Smart recording are both enabled

Their behavior is combined:

- Smart recording does not store silent audio blocks.
- Auto-Silence Skip stops the entire recording after approximately 5 seconds of continuous silence.

The resulting behavior is:

- 1 When sound is present, SAR records it.
- 2 During silence, the silent blocks are not stored.
- 3 If the silence lasts longer than about 5 seconds, the recording is stopped.

Important: If both options are enabled before the desired sound begins and there is more than 5 seconds of silence after pressing START, Auto-Silence Skip may stop the recording before the desired sound starts.

In normal use:

Auto-Silence Skip = automatically stop the recording after the sound has ended.

Smart recording = keep waiting and store only sections that contain sound.

Important recording level note

For accurate recording level, set the playback application's own volume to **100%** before recording. If the player volume is lower, the recorded signal will also be lower and the resulting recording may sound quieter than the original source. The Windows master output volume does not affect SAR in the same way, but the playback volume inside the source application does.

4. Step-by-Step Recording Workflow

Step 1 - Open the recorder. Launch the application and click **Open Recorder** in the main window.

Step 2 - Select format and sample rate. Choose WAV or MP3 (if licensed) and then choose the preferred sample rate.

Step 3 - Set recording level. Keep manual Gain at a sensible level. Use Normalize only when you want automatic loudness management.

Step 4 - Check the signal. Play the source audio and confirm that the spectrum is active and **Signal: OK** is shown.

Step 5 - Configure optional filters. Enable equalizer, compressor, silence skip, Smart recording, Auto-Split, or cut filters only if they are needed for the source.

Step 6 - Start recording. Click **START** to begin recording.

Step 7 - Stop and save. Click **STOP** to finish when using a manual mode; automatic modes may stop and save according to their settings.

Step 8 - Review the output. Open the saved file and confirm the recording level and quality.

5. Practical Tips & Troubleshooting

Recorded file is quieter than expected. Set the playback application volume to 100% and test again. The source application volume directly affects the level SAR captures.

No signal is detected. Confirm that audio is really playing and that the correct loopback playback device is active. Restart SAR if you change the main playback device.

Recording sounds distorted or clipped. Reduce Gain, review Normalize usage, and use the compressor carefully. Reset the clip indicator after adjusting the signal.

Auto-Split returns to Idle while waiting. Auto-Split waits indefinitely for the end of the track that is already playing. After that end is detected, SAR waits up to 10 seconds for the next track. If no new track begins, it returns to Idle.

MP3 is unavailable. MP3 export requires a valid PRO or Enterprise state.

Normalize is unavailable. Normalize is not available in Trial mode.

6. Legal and Usage Notice

Solavixa Audio Recorder is intended for lawful recording use only. Users are responsible for ensuring that their recording activity complies with applicable law, third-party rights, and local platform or workplace rules.

Last updated: August 2026