

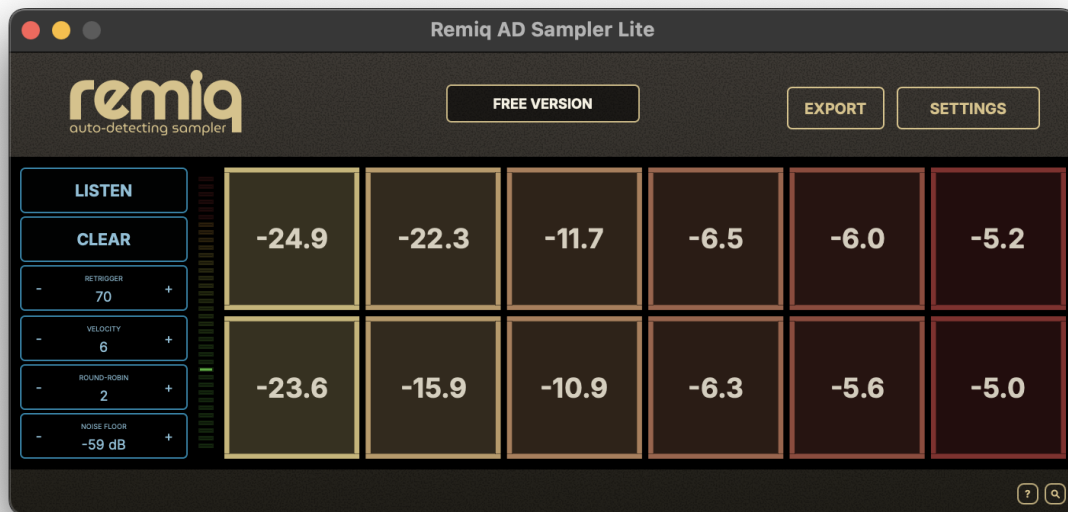
Remiq Auto-Detecting Sampler Lite

**User Manual
v.0.2.0**

Remiq AD Sampler Lite

User Manual · Version 0.2.0

Remiq AD Sampler Lite is a standalone automatic sampler. It listens to one selected audio input, detects individual hits, trims them using a manual noise-floor setting, sorts them by level into a velocity and round-robin matrix, lets you preview the result, and exports each mapped cell as a 24-bit WAV file.



1. What You Need to Know

The current Lite build is designed for a simple single-input workflow. Use it as a standalone application, select one microphone, line input, or routed audio source, and record one sample set at a time.

- VELOCITY sets how many loudness layers the set contains.
- ROUND ROBIN sets how many alternative hits are stored at each velocity level.
- RETRIGGER sets the capture cooldown. NOISE FLOOR tells Remiq when a sample tail has returned to silence.
- LISTEN starts automatic capture. The button changes to STOP while capture is active.
- EXPORT writes the mapped cells as separate WAV files.

Lite supports a maximum matrix of 6 velocity columns by 2 round-robin rows, for 12 mapped samples. Controls for Pro-only capacity may open an upgrade message, but this does not restrict recording, preview, or export within the Lite limits.

2. Before the First Capture

On first launch, allow microphone or audio-input access if macOS or Windows asks for permission. Remiq cannot receive audio until the operating system allows access.

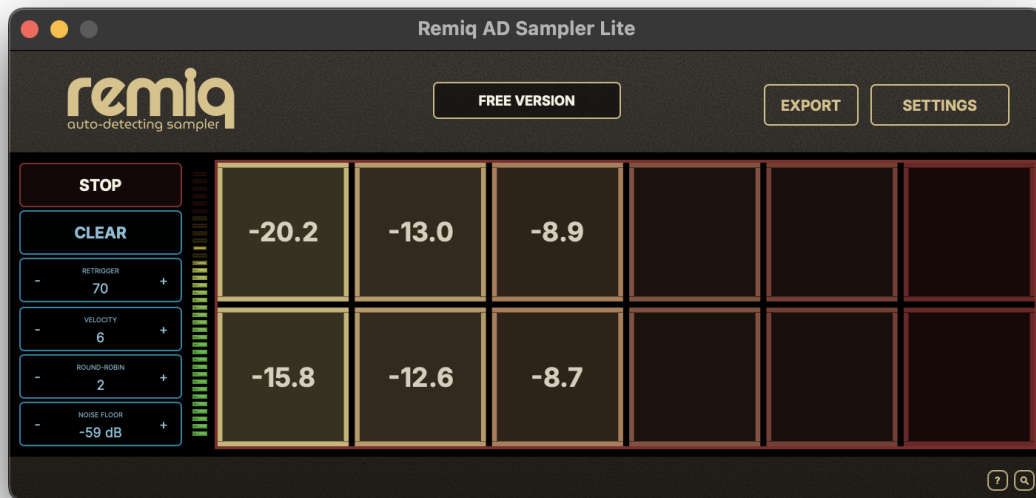
Connect your microphone, instrument, or routed audio source before opening SETTINGS. If you reconnect an interface while Remiq is running, open SETTINGS again and confirm the device and input channel.

Lite is activated automatically. There is no serial number or license-key step.

3. Quick Start

1. Open SETTINGS and select the required Input, Input channel, and Output.
2. Set VELOCITY from 1 to 6.
3. Set ROUND ROBIN to 1 or 2.
4. Leave RETRIGGER at 70 ms and NOISE FLOOR at -80 dB for the first pass.
5. Click LISTEN.
6. Play or trigger separate hits, preferably from quiet to loud.
7. Watch the matrix fill. Capture stops automatically when the active matrix is full.
8. Click filled cells to preview them.
9. Click EXPORT, choose a folder and base filename, and save the WAV files.

If the result is not clean, use CLEAR, adjust the input level, NOISE FLOOR, or RETRIGGER, and record a new pass.



4. Audio Settings

Click SETTINGS in the standalone application to configure the audio device.

Input

Select the audio interface or device that receives the source. Choose << none >> only when you do not intend to capture audio.

Input channel

Select the single channel connected to the microphone, instrument, or routed source. Use the main input meter to confirm that the selected channel is receiving signal.

Output

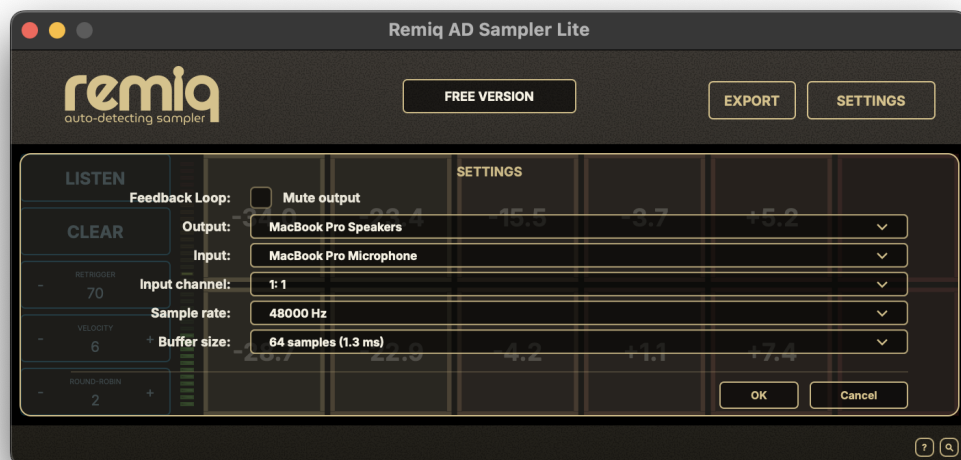
Select the device connected to your headphones or monitors. The Output setting is required for matrix-cell preview.

Sample rate and buffer size

Choose values supported by the current device. The captured WAV files use the sample rate selected during recording. A smaller buffer can make preview feel more immediate; a larger buffer may be more stable on a busy system.

Feedback Loop: Mute output

This setting mutes Remiq preview playback to prevent feedback. It does not mute or disable input capture. Turn it off when you need to hear matrix-cell preview.



5. Building the Matrix

Velocity layers

VELOCITY sets the number of loudness layers, not incoming MIDI velocity. The range is 1 to 6 and the default is 6. In the matrix, quieter samples are placed on the left and louder samples on the right.

Round-robin variations

ROUND ROBIN sets the number of alternative takes at each velocity level. The range is 1 to 2 and the default is 2. Variations reduce the mechanical effect of repeating exactly the same sample.

Adjusting the controls

Click the - or + side of VELOCITY, ROUND ROBIN, RETRIGGER, or NOISE FLOOR once to change one step. Hold the mouse button for automatic repeat; release it or move out of the adjustment zone to stop.

How captured hits are placed

Remiq analyses the level of every accepted hit and rebuilds the matrix from quieter to louder. Within each velocity column, the hits are distributed between the active round-robin rows. You do not have to perform at perfectly even levels, but a gradual quiet-to-loud pass usually gives the most predictable set.

If you change VELOCITY or ROUND ROBIN after recording, Remiq remaps the existing captures into the new active matrix. Only cells inside the active matrix are previewed and exported.

Matrix cell states

- Empty active cells are ready to receive captures.
- Filled cells display the captured sample level in dB.
- Dimmed cells are outside the selected matrix size.
- A filled active cell flashes when previewed.
- FULL means the selected matrix capacity has been reached.

6. Automatic Capture, Retrigger, and Noise Floor

Click LISTEN to begin automatic capture. Remiq detects a transient, keeps a short portion before the attack, uses NOISE FLOOR to determine where the tail returns to silence, trims the result, and applies a brief fade-out. Very quiet hits are ignored. A single captured sample is limited to 5 seconds.

Click STOP whenever you want to pause capture. Capture also stops when the active matrix becomes full.

Setting Retrigger

RETRIGGER sets the minimum capture cooldown. Its range is 20 to 500 ms in 10 ms steps; the default is 70 ms. A new hit is accepted only after the current capture ends and the detector re-arms.

- RETRIGGER does not change the matrix size or the 12-sample Lite capacity.
- For fast repeated hits, the end of the previous tail and detector re-arm matter more than an extremely low RETRIGGER value.
- Leave more space between hits when the source has a long decay. If a tail keeps the capture open too long, raise NOISE FLOOR slightly.

Setting Noise Floor

NOISE FLOOR is a manual tail-detection threshold, not an automatic learning function.

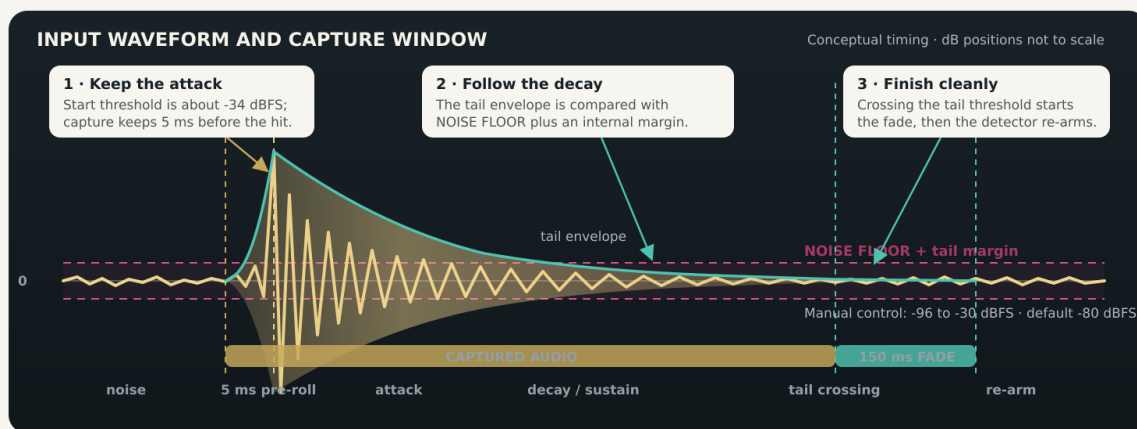
Its range is -96 to -30 dBFS in 1 dB steps; the default is -80 dBFS.

Lower values, such as -90 dB, preserve quieter decays and may produce longer samples. Higher values, such as -60 dB, treat the tail as silence sooner and may shorten samples.

Start at -80 dB. Lower it if tails are cut too early. Raise it if captures include too much room noise, ringing, or silence.

How Noise Floor Shapes a Captured Hit

Remiq AD Sampler Lite · manual tail detection and capture timing



What changing NOISE FLOOR does

Start at -80 dBFS and adjust in small steps while listening to the exported tail.



LOWER · e.g. -90 dB

Keeps quieter decay above the threshold.
Result: a longer, more natural tail.



DEFAULT · -80 dB

Balanced starting point for most sources.
Adjust after checking quiet tails and room noise.



HIGHER · e.g. -60 dB

Treats the tail as silence sooner.
Result: shorter capture; less room noise.

Input level

Use the input meter and status readout while playing. The signal must be loud enough to cross the detector threshold without clipping the audio interface. If hits are ignored, first verify the selected input channel, then raise the source or preamp level.

7. Preview, Clear, and Export

Preview

Click any filled active matrix cell to hear it. You can also drag across filled cells to audition them. If preview is silent, select an Output in SETTINGS and make sure Feedback Loop: Mute output is off.

Clear

CLEAR removes all captured audio from the current session and resets the matrix. It does not reset VELOCITY, ROUND ROBIN, RETRIGGER, NOISE FLOOR, audio-device settings, or UI scale. Export first if you need to keep the current samples.

Export

EXPORT becomes available after at least one sample is mapped. Choose a folder and enter a base filename. Remiq exports each mapped active cell as a separate 24-bit WAV file using the capture sample rate.

File naming follows this pattern:

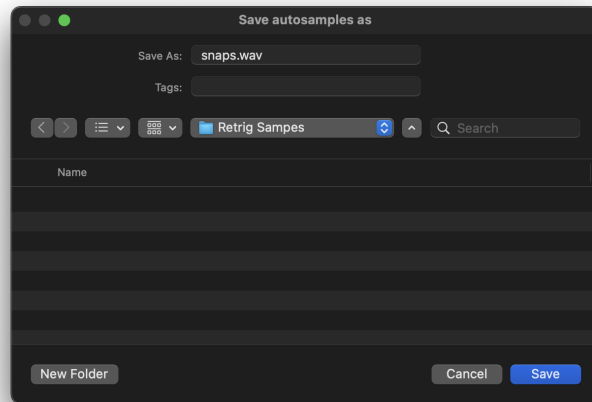
```
name_vXX_rrYY.wav
```

For example:

```
snare_v01_rr01.wav
```

```
snare_v06_rr02.wav
```

If a file with the same name already exists in the chosen location, Remiq replaces it. The status readout reports how many WAV files were exported.

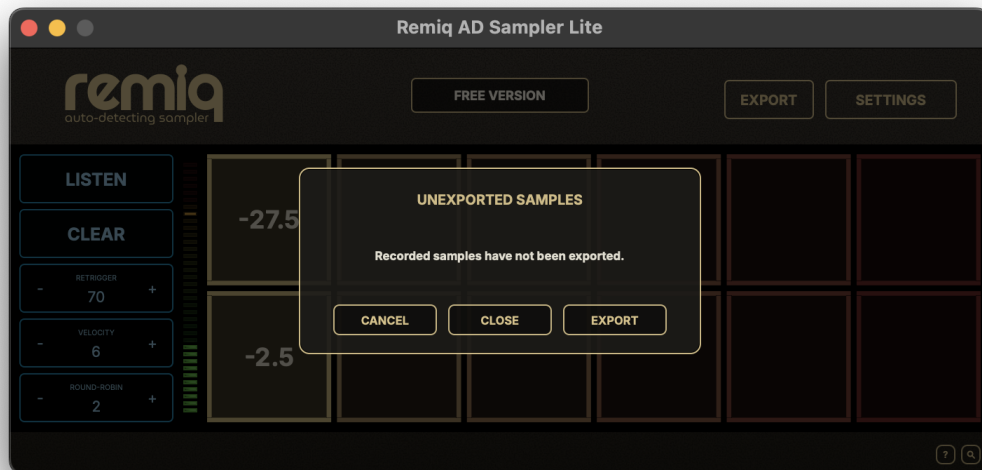


8. Closing the App and Session Safety

Captured audio is not saved as part of the application state. Before closing Remiq, export every set that you want to keep.

If recorded samples have not been exported, Remiq displays UNEXPORTED SAMPLES:

- EXPORT opens the export workflow.
- CLOSE quits without saving the captured audio.
- CANCEL returns to the application.



9. Help, Display Scale, and Free Version

- Click ? to enable contextual help, then point to a control or matrix area. Click ? again to leave help mode.
- Use the scale menu to choose 100%, 150%, or 200% window size.
- Click the Remiq logo to view the version and Free version status.
- FREE VERSION, TRY PRO, and GO PRO open the Remiq product page. Upgrade messages do not affect work inside the 6 × 2 Lite matrix.

10. Troubleshooting

The app does not receive audio

Open SETTINGS and verify Input and Input channel. Check operating-system microphone permission, interface routing, and whether the input meter moves.

Hits are not captured

Confirm that LISTEN is active and the matrix is not FULL. Raise the source level if the meter shows a very quiet signal. Use CLEAR if you need to restart the set.

Samples are too long or contain too much tail

Raise NOISE FLOOR so the tail is treated as silence sooner. Reduce excessive ringing or sustain, and leave more space between hits.

Samples are cut too short

Lower NOISE FLOOR so quieter decays remain above the tail threshold for longer. Start from -80 dB and adjust in small steps.

Fast hits are missed

Raise NOISE FLOOR if a long tail keeps the previous capture open. Leave slightly more space between hits, play more evenly, and confirm that the matrix has empty active cells.

Preview is silent

Select the correct Output, turn off Feedback Loop: Mute output, and click a filled active cell.

Not all WAV files were exported

Choose a writable folder and a different base filename. Check the export count in the status readout.

11. Technical Reference

- Application: standalone Remiq AD Sampler Lite 0.2.0.
- Input: one selected audio channel.
- Matrix: 1–6 velocity columns × 1–2 round-robin rows; maximum 12 mapped samples.
- Defaults: VELOCITY 6, ROUND ROBIN 2, RETRIGGER 70 ms, NOISE FLOOR -80 dBFS.
- Retrigger range: 20–500 ms in 10 ms steps.
- Noise-floor range: -96 to -30 dBFS in 1 dB steps.
- Maximum captured sample length: 5 seconds.
- Export: separate 24-bit WAV files at the capture sample rate.
- Filename pattern: <base>_vXX_rrYY.wav.
- Saved settings: VELOCITY, ROUND ROBIN, RETRIGGER, NOISE FLOOR, output mute, and standalone audio-device state.
- Not saved between sessions: captured sample audio and previous export history.