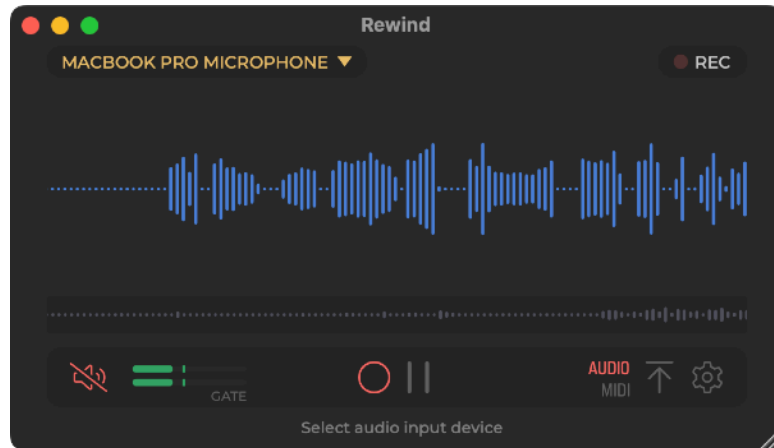


Rewind 2.4.6 Manual



Foreword

Thank you for supporting Rewind!

Rewind is the first plugin of MonkeyC and can be used to save all the missed inspiration out there. It always has the audio and/or MIDI of the last 90 minutes in its memory ready for you to use in your projects. Please use this application or plugin in as many ways as you see fit!

thanks, Monkey©

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Welcome

We created Rewind because we encountered a lot of situations where we missed recording something unique. Either the DAW was not recording or we did not even start it up. When you are not a great piano player, like we are, we would sometimes play a golden riff, only to find out that we did not record it. To later reproduce the part always felt different: either the timing was off, notes were different or we had tweaked the sound in the meantime.

NO MORE!

Rewind is a continuous little tape recorder that will keep up the last 90 minutes of audio and MIDI that it monitors. If you play or sing something cool and fail to record it, Rewind will save it for you. Think of it as a going back-into-time device! You can then simply drag the audio or midi into your composition; you will never lose another spontaneous moment again. Rewind can run in standalone or as a plugin in your DAW. Check the use-cases section to see how to set Rewind to start recording automatically when you boot up your computer.

! Important information!

In OSX, Ventura or higher we have moved away from using a dedicated audio driver and use screen recording to capture your audio.

This means that you will see this icon in the menubar:



No worries, we are not here to spy on you, but just so you are aware this is normal behaviour!

Changelog

Version 2.4.5

- Critical update for OSX users

Version 2.4.4

- Fixed Rewind interfering with samplerate settings of external interfaces
- Refactored a lot of code
- Improvement updates

Version 2.4.1

- Capture individual apps on macOS Ventura or later
- Various UI/UX improvements
- Improve level meter
- Fix sidechain recording issue
- No time and bpm appendix for manual export
- Fix occasionally failing audio input/output
- Delete dragged file if dragged upon Rewind itself
- Show aftertouch messages in midi visualizer
- Improve pitch bend visualization
- Improve smoothness of waveform
- Scroll to show last recording after stop
- Use devices default samplerate and buffer size
- Fix cache often being cleared
- Improve global settings behaviour
- Associate channels and monitoring with input device
- Fix input channels not visible when ASIO is selected
- Fix gate when audio capture is disabled
- Redesign input channel popup

Version 2.3.2

- Improved Gate Functionality

Version 2.3.1

- Improve switching between audio/midi playback
- Add internal synth option for plug-in
- Keep MIDI gate open during note on
- Change install location for shared midi
- Improve dock hiding behaviour
- Show playhead during mouse hover
- Adjust colour for shortcuts

Version 2.3.0

- Tray icon
- Auto start at login
- Improve audio engine stability
- Allow setting a custom export name
- Monitor all midi devices
- Internal midi synth
- Logging for development purposes
- Fix bug that sometimes the shared midi installer cannot be found
- Add discard selected region button

- Fix hanging midi notes
- Mp3 export support

Version 2.2.2

- Add keyboard shortcuts
- Add your own markers
- Add play region button
- Auto resume now also detects mouse movements
- Show scrollbar during recording
- Avoid cache being cleared on changing the audio input device
- Add dialogs to warn the user when the cache is about to be cleared
- Improve a few colours and fonts
- Fix empty beginning selection

Version 2.2.1

- Add option to disable audio capture
- Improve RAM usage when exporting
- Add midi output channel dropdown
- Improve audio configuration warning label
- Improve look and feel for buttons and settings
- Re-enable DAW midi input
- MIDI CC information with colors
- Play only the currently shown midi or audio
- Fix issue of muted audio in the MIDI FX plug-in

Version 2.2.0

- Zoom functionality
- MIDI playback
- Windows Shared MIDI extension
- Smart Drag
- MIDI FX
- Auto Resume
- Clear cache button
- Save file to folder button
- Added rec label
- Set export depth

Version 2.14

- Capture system audio on Windows
- Show midi CC messages in MIDI/waveform window
- Set bit depth for export
- Midi list indicators
- Add Rec indicator
- Add timeline and add export snapping
- Restructure setting tabs
- Set custom export location

Notes on MIDI

Not all DAWs and operating systems work the same way with MIDI and MIDI files. We have seen some cases where recorded MPE or CC information was recorded correctly by Rewind but then was lost when dragging the recorded part into the DAW.

At this moment, Ableton loses part of the MPE information (we have reported this to Ableton). Also, Bitwig truncates MIDI CC information when a Rewind capture is being dragged onto a track. If you find that other DAWs do not behave as they should, please let us know, and we will contact the manufacturer and report it.

At this moment, Ableton loses part of the MPE information (we have reported this to Ableton). Also, Bitwig truncates MIDI CC information when a Rewind capture is being dragged onto a track. If you find that other DAWs do not behave as they should, please let us know, and we will contact the manufacturer and report it.

One special note for Windows users:

When working on Mac, sharing a MIDI connection with other applications is no problem. Two applications can easily monitor the same device. With Windows, this does not work the same way. Luckily, we have found a solution for that: the Rewind SharedMIDI extension. To read more about how it works and how it is installed, please go to the Shared Midi section!

Notes on MPE

Rewind works great with recording MPE, BUT... not all DAWs work great with MPE MIDI files. So far as we have tested, Logic Pro works great, Ableton truncates a lot of MPE info, and Bitwig is close but also does something funny.

The thing is that when you drag MIDI from Rewind into your DAW, Rewind first needs to make a MIDI file in your drive. When that file gets dragged (invisibly) into your DAW, the DAWs can't always process the file 100% correctly.

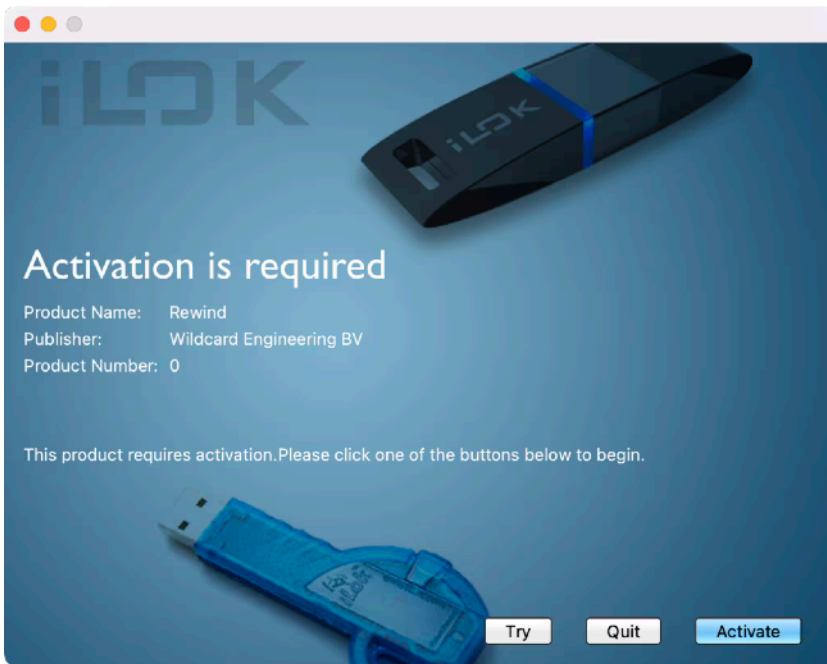
This is out of our control, and we hope the DAWs will work on this soon.

Setup

Rewind can work on Mac and Windows. Currently, we support AU, VST3, AAX, and standalone. In your download, you can see a .dmg file for Mac and a .zip file for Windows. Installation should be straightforward, but do let us know if you run into trouble.

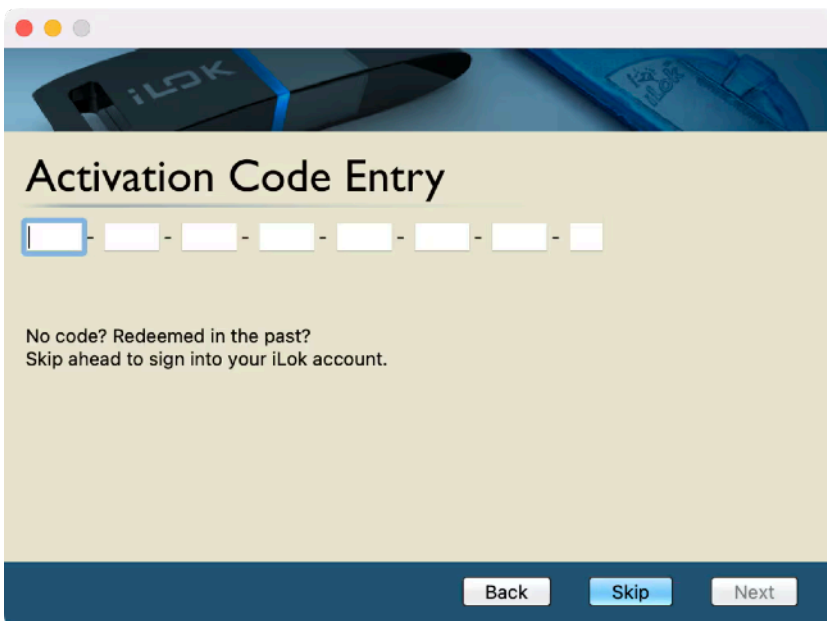
Registration

Here are the steps:

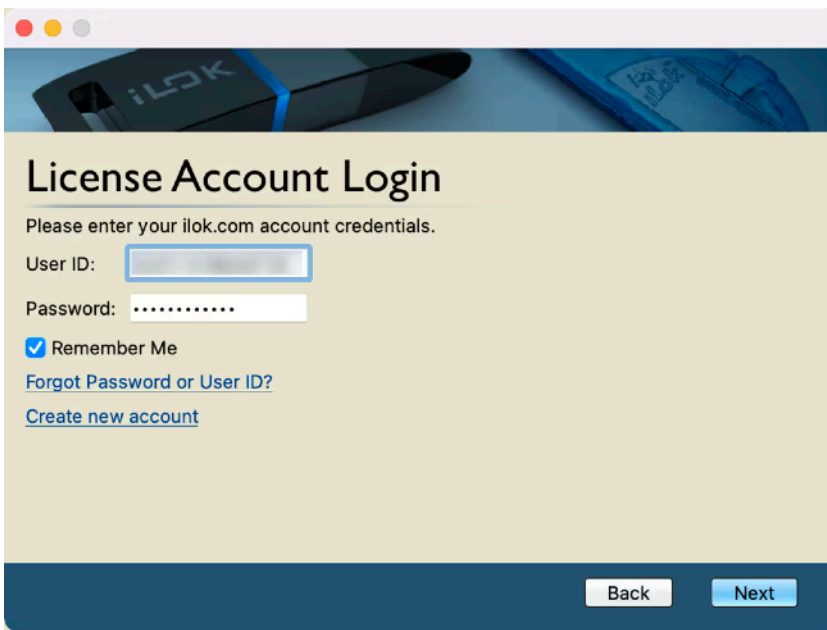


When you open the plugin for the first time, this screen will popup.

Click 'Activate' then you will see this:

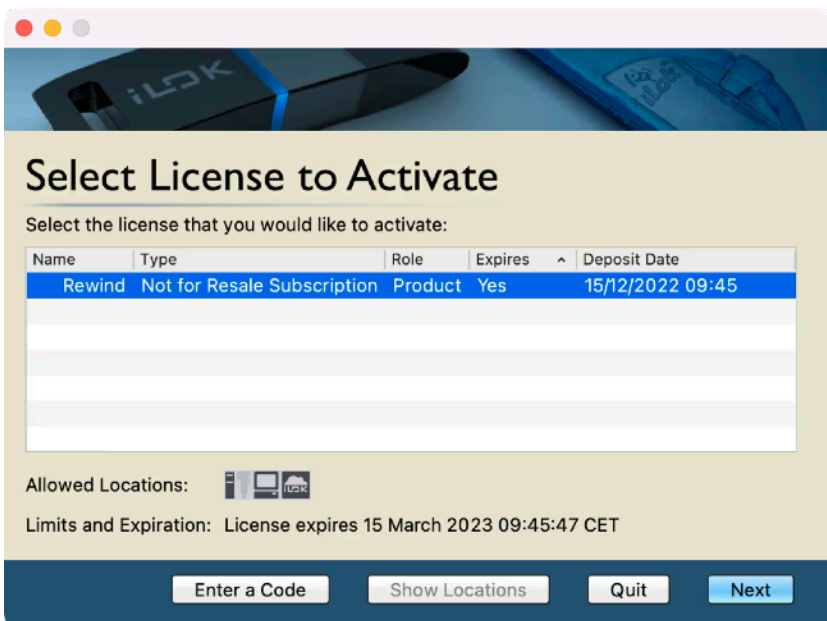


This is where you fill in the serial number you received from us in your order. You then move on to this:



The screenshot shows a web browser window with the iLok logo in the top left corner. The main heading is "License Account Login". Below the heading, there is a prompt: "Please enter your ilok.com account credentials." The form includes a "User ID:" field with a text input box, a "Password:" field with a masked input box, and a "Remember Me" checkbox which is checked. There are three links: "Forgot Password or User ID?", "Create new account", and "Back". A "Next" button is located at the bottom right of the form area.

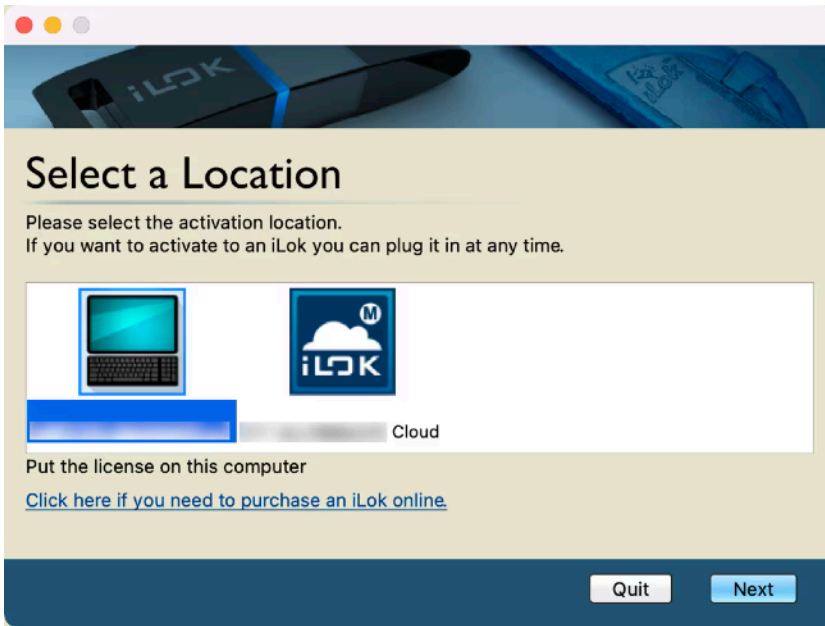
Now you will need to fill in your iLok account' details and click 'Next'.



The screenshot shows a web browser window with the iLok logo in the top left corner. The main heading is "Select License to Activate". Below the heading, there is a prompt: "Select the license that you would like to activate:". A table with the following columns is displayed: Name, Type, Role, Expires, and Deposit Date. The first row is highlighted in blue and contains the following data: Name: Rewind, Type: Not for Resale Subscription, Role: Product, Expires: Yes, Deposit Date: 15/12/2022 09:45. Below the table, there are icons for "Allowed Locations" (a mobile phone, a laptop, and the iLok logo) and a text label "Limits and Expiration: License expires 15 March 2023 09:45:47 CET". At the bottom, there are four buttons: "Enter a Code", "Show Locations", "Quit", and "Next".

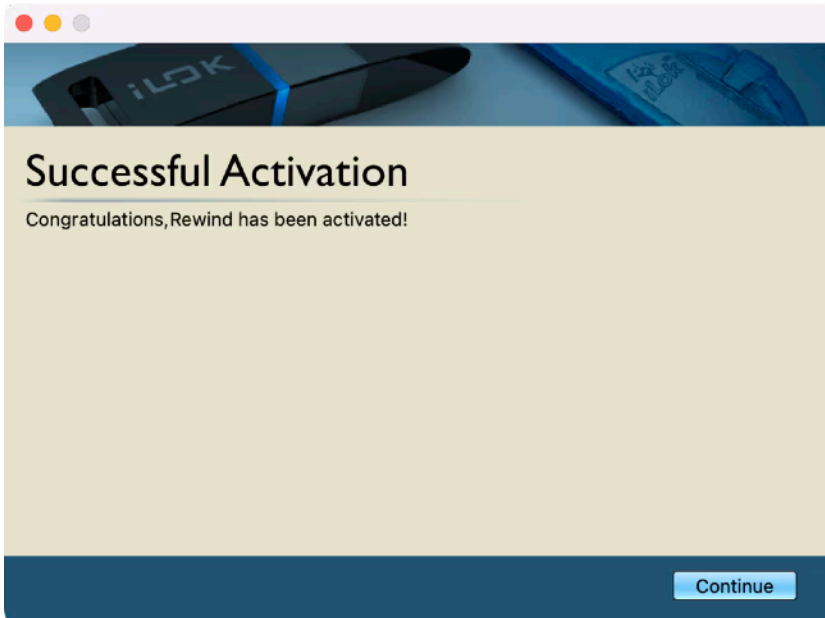
Name	Type	Role	Expires	Deposit Date
Rewind	Not for Resale Subscription	Product	Yes	15/12/2022 09:45

Click the Rewind license and then click 'Next'.



Now, you select the location where you want the license to work. Select your computer or your cloud.

Selecting 'cloud' will ensure you can use Rewind on 2 computers by starting an iLok cloud session. This way, the Rewind license is temporarily transferred from one computer to another.



And you are done! Enjoy Rewind!

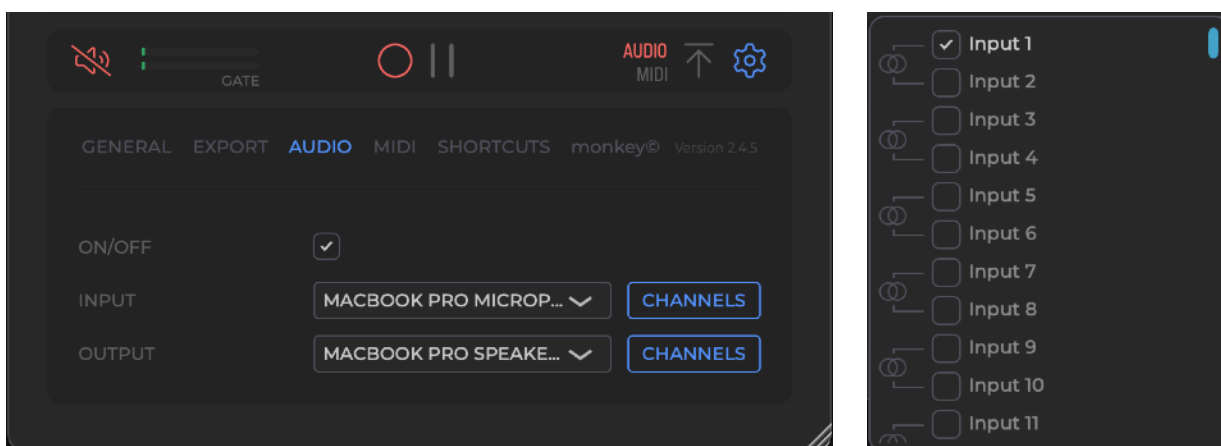
Rewind will ask you permission to use your microphone (Pre Ventura) or monitor your screen (Ventura or higher); please give it permission!

Standalone Setup

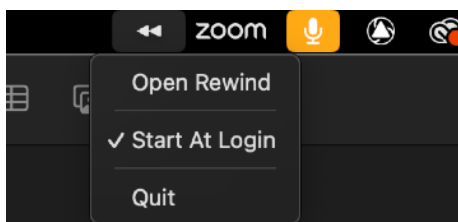
To use Rewind as a standalone:

1. Locate the Rewind in your program/application folder.
2. Open Rewind
3. Click the Settings icon (the gear icon in the top right corner)
4. Click on the Audio Settings tab
5. Select the Input and Output Devices (black dropdowns)
6. Select the Input and Output Channels (blue buttons)*
7. Close the popup window
8. You are ready to go!

* You can choose multiple inputs to capture, which will be merged into one track. You group them into a stereo pair by clicking on the stereo icon before the channels.



When Rewind is active on OSX you can see the Rewind icon there and if you click on it you see this menu:



Plugin Setup

Drag the Rewind plugin onto the track of your choice.

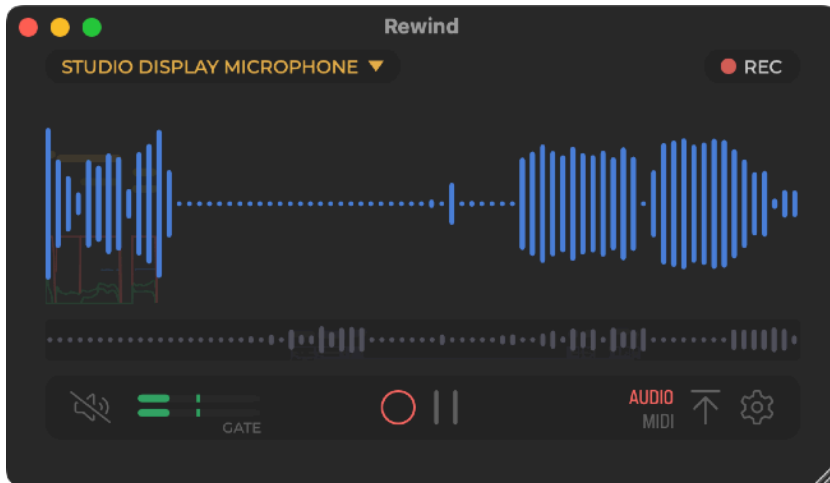
You are ready to go!

If you are monitoring a microphone, please be careful of feedback. If you experiencing feedback, please mute the audio output on either Rewind or the track itself!

Operation

Rewind works like a conveyor belt. Any second of audio and MIDI that it receives will stay on there for the chosen interval (cache length in preferences), which can be as long as 30 minutes.

Step 1: Select your audio or MIDI



Step 2: Click and hold (1 second), then drag into your DAW or to your hard drive



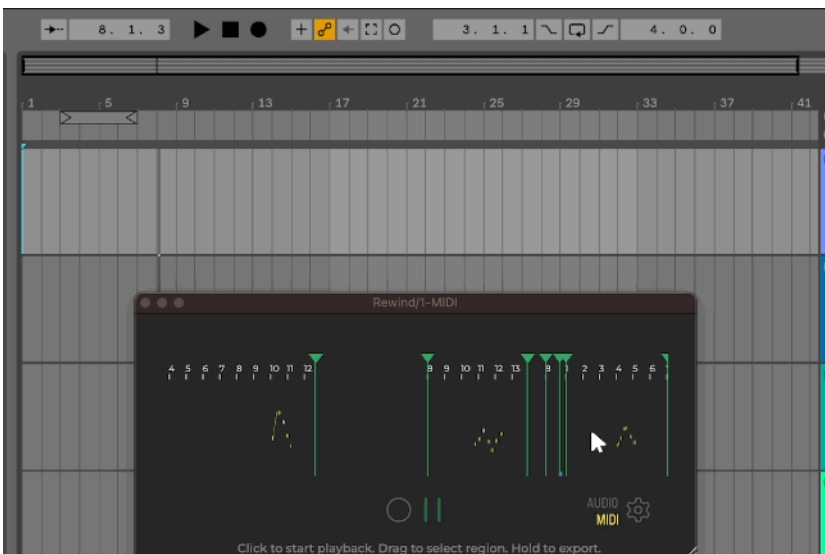
Special plugin features

We have added the following special features for Rewind as a plugin:

Timeline indicators

When you run Rewind as a plugin and your DAW is running, tempo information is now visible in the regions:

Smart dragging



To make your life easier with placing dragged audio, when tempo information is available, you will now get extra instructions from Rewind on where to drag the file exactly so it will align perfectly with the time and place in your arrangement where you played what was captured!

MIDI FX version

We have also made MIDI FX versions of our plugins. Not every DAW (i.e., Ableton) knows how to deal with them properly, but DAWs like Bitwig or Logic Pro do.

The MIDI FX version is a stripped-down version of the normal Rewind plugin and will only record MIDI. The advantage of using this plugin is that you can put it before your VST instrument as opposed to the normal version, which needs to be inserted after.

Typical usage examples

Stand-alone

If you run Rewind as a standalone, you will always have Rewind recording whatever audio and MIDI it monitors. This is really helpful for musicians that have analog synthesizers, instruments, or vocalists that do not need a DAW to jam.

DAW channel

If you use Rewind on a DAW channel as a plug-in, you can record an audio channel coming in before you apply effects. Rewind is also very handy if you have effects and synth plugins with a lot of randomness. This way, you can finally save the audio that you heard while playing your track vs what comes out when you export your track.

DAW Master

If you put Rewind on your output (preferably before your mastering effects), you can try out different muting techniques in arrange or always record what you played on a synth or sang into the microphone when you did not press record. A catchall method for your genius creativity! You should consider saving a template for your DAW where you can have Rewind be a part of any new project you create. It will always be there!

(!) Please note that you can use multiple instances of Rewind in your DAW. 😊

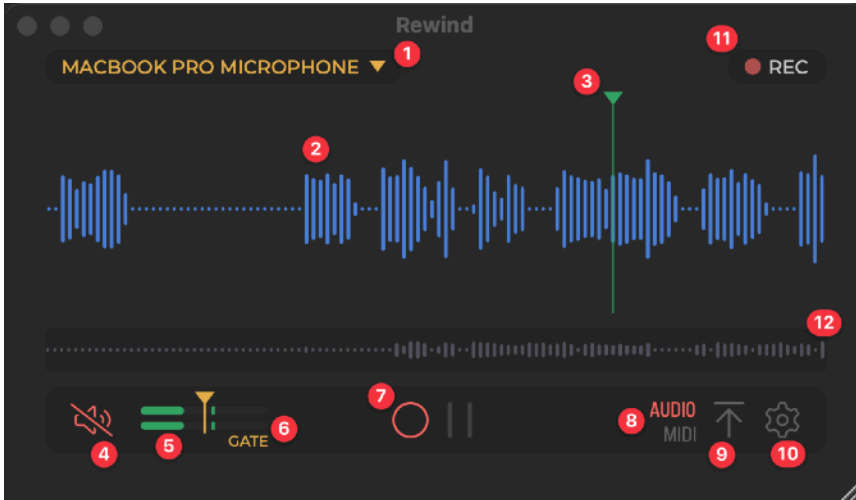
Record internal applications or what you hear on the web

By clicking the external/system button in the top left corner, it is easy to switch from capturing outside sources to internal. In order to do so, Rewind installs an extra piece of software on your computer that reroutes the system audio through Rewind. The original audio routings are restored once you quit Rewind or switch back to external mode.

If you have switched to System mode and do not receive audio from your application, it might be that your application can select the audio output device (for instance, if you record a standalone audio app). In that case, you should select Rewind in the audio output section of your application.

Application

Record mode



1. External/System button (standalone only)

This button toggles between recording the external and system sound sources. This will erase what is currently in memory.

Mac:

When you switch between System and external audio input (on Mac), the system audio output device you have selected in the OSX preferences menu will temporarily be set to Rewind. Once you switch back to External mode or close Rewind, your original audio routing will be restored.

Windows:

When you switch to System, an extra popup will appear next to System, where you can select the application that you want to monitor. Unlike Mac, where all system audio is monitored at once, with Windows, you need to select which application you would like to monitor. We have added some smart filtering to the huge list of processes that go on in Windows to make the list smaller. Should the application that you want to record not appear in the dropdown, send us an email, and we will try to include that as well!

2. The waveform/MIDI notes area

This is the area where you can see, select, and drag the audio and/or MIDI that has been captured in Rewind. We have added an option in the general settings menu to increase the resolution of the audio waveform.

Since 2.1.0, we also show CC information here.

3. Marker

Whenever the capture has been paused (either by pressing Pause or the gate recording hold time has been reached), a green line will appear to indicate that pause. By clicking the green triangle, playback will commence from the marker.

4. Audio input mute button

In some situations, you do not want the audio input to be heard while recording. The best example we can think of is when you are recording with a microphone. If you are not careful, you run the risk of audio feedback that will hurt your ears and speakers. On a side note: audio input will also be muted if you are in pause mode.

(!) Input monitoring is currently only available if the same input and output device is selected.

5. Audio input meter

Here, you can see the levels of the audio signal coming in.

6. Gate recording

By clicking the Gate button, you can activate gate recording mode. Gate recording is a form of recording where Rewind will only start recording once the audio input level exceeds the gate level or when incoming MIDI is received. Then, if the audio level stays below the gate level, Rewind will record the gate hold length time, which you can set in the general settings. Every time the audio exceeds the gate level, the counter is reset for the hold time.

This will give you a very efficient capturing experience!

7. Record/Pause toggle

Clicking here switches between record and pause modes

8. Audio/MIDI toggle

This toggles between audio and MIDI modes. Every time Rewind receives MIDI, a yellow dot next to the word MIDI will appear.

9. Float on top

When the arrow is blue, Rewind is in window float mode, which always allows Rewind to be visible when you switch between applications. Double-click the icon also to make Rewind snap to the top right corner of our screen.

10. Settings

 Continue reading in the Settings chapter below.

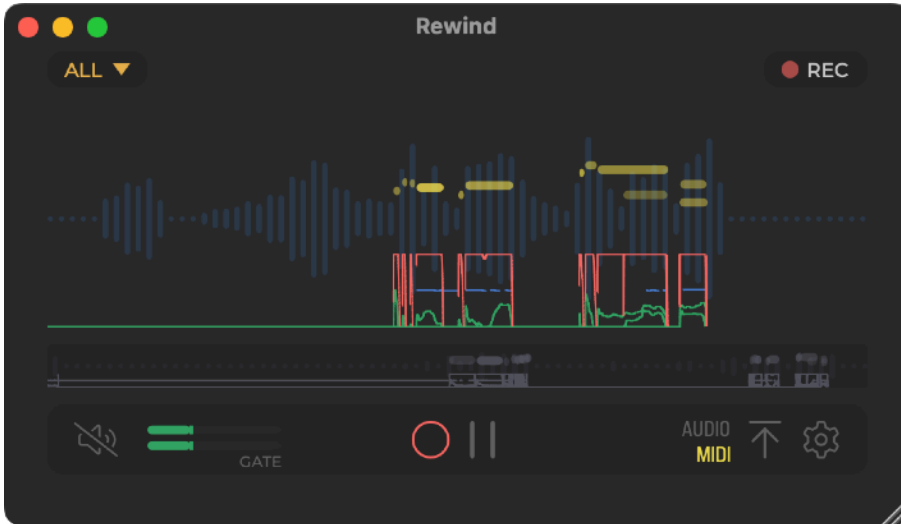
11. Rec select

When recording in a DAW environment, there usually is no noise floor when you are recording VSTs, for instance. To show that Rewind is recording, we have added this indicator.

12. Buffer overview

This shows the complete overview of the buffer and what it contains

MIDI display Information



Midi notes are displayed in the top 2/3 of the screen as yellow lines. The harder the note, the brighter the yellow.

Below, in the lower third section, you can see all the MIDI cc information.

Blue:	Pitchbend
Green:	CC information
Red:	Aftertouch

Pause mode



1. Selected area

This shows you what area has been selected. Simply click outside this area to deselect.

2. Marker

This marker shows up when the recording has been paused. Clicking the triangle will start playback from that marker.

3. Marker area select

When you click between the marker triangles, you can select the area between the markers.

4. Auto resume indicator (standalone only)

If enabled, Rewind will resume recording if there has been no mouse activity for a period of time.

5. Zoom select area

Everything in the blue outlined box is what you see in the big waveform display. You can move the sides with your mouse or with trackpad gestures to zoom in and out. Double-clicking will zoom out to the whole recording.

6. Clear memory

Click this, and the whole memory will be reset.

7. Save

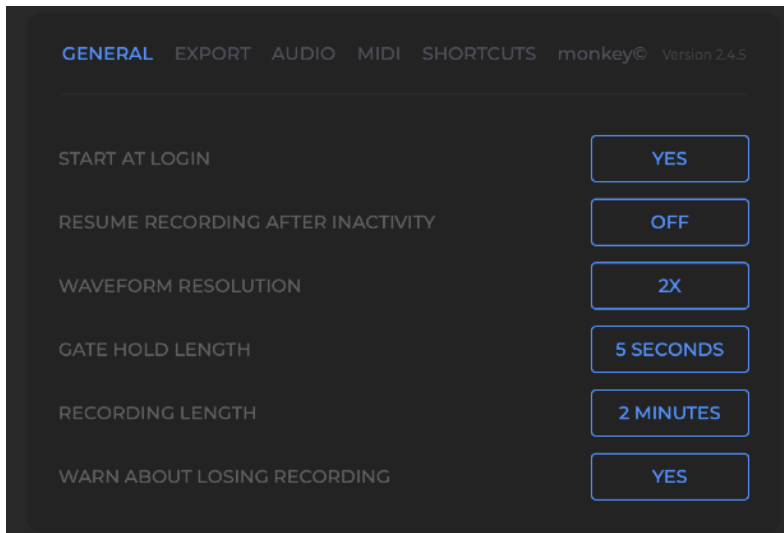
By clicking here, you can save your selection to your hard drive. Alternatively, you can drag your selection from Rewind onto your favorite application or desktop.

8. Record/Pause toggle

Clicking here switches between record and pause modes

Settings

General



Start at login (standalone)

Selecting this option and Rewind will start up automatically when you start up your computer.

Resume recording after inactivity/on close

In standalone: you can choose after how long a period of mouse inactivity Rewind needs to start recording again. This feature is handy if you are working in another window or started playing again and forgot to put Rewind in record mode again.

In plugin: when you close the plugin window, Rewind will start recording again.

Waveform resolution

This is where you can set the resolution of the waveform. You can switch between 1x, 2x, and 3x.

Gate hold length

When gate recording has been enabled, this is the time Rewind will record if the actual audio level stays below the gate recording level. Every time the audio exceeds the gate level, the counter is reset.

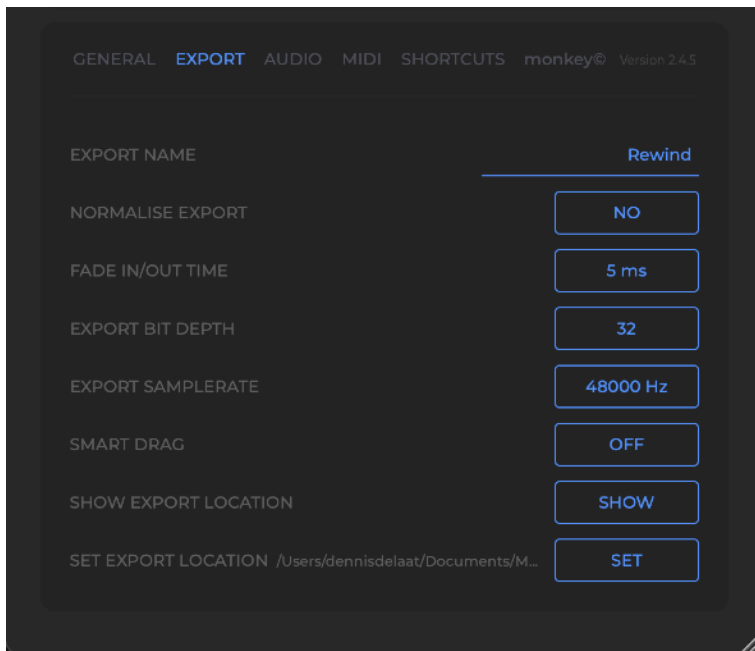
Recording length

This is where you can set the duration of what Rewind will record for you. You can choose 1, 2, 5, 10, 15, 30, 60, and 90-minute lengths. Beware (!) that when you change this setting, the current recorded audio will be cleared.

Warn about losing recording.

This setting will show a warning dialog if you are about to lose what you have recorded, like by closing the standalone version or changing sample rate etc

Export



Export name

Here, you can set the default name for the exported files.

Normalise export

Rewind will maximize the loudness of the audio when you export.

Fade in/out time

This will apply a small amount of fade at the beginning and end of the exported audio file.

Export bit depth

You can now choose with which bit depth you can export your file.

Export samplerate

You can now choose which sample rate you can export your file to.

Smart drag (plugin only)

Smart drag helps you place the dragged file more easily in your DAW. If Rewind is running and you start playback or record in your DAW, Rewind also records the bar information. When Rewind has recorded something with DAW bar information, you see a mini timeline in the recorded region. As soon as you drag the file out of Rewind, Rewind will tell you to what bar to drag your recording, which will line up exactly to where you originally played your recording.

There are three options you can choose from:

- Off Rewind does add extra space to the file so a dragged file will line up
- On Rewind will add a bit of empty audio to the left of your recording so can line up exactly with a bar in your arrangement.
- Force Loop Rewind will also add empty audio after your selection, so tempo-guessing DAWs like Ableton and Reaper will not misguess the tempo!

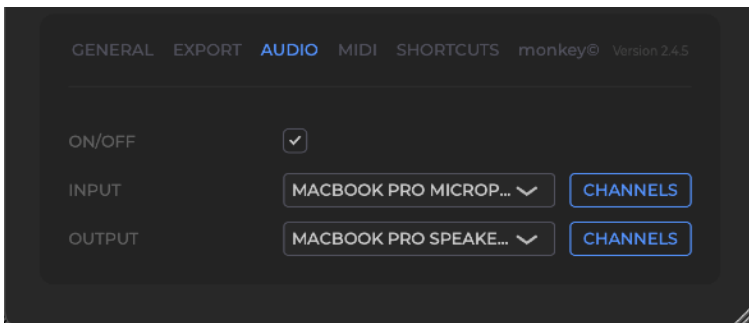
Show export location

This takes you to the location on your hard drive where the audio and MIDI will be saved. If you save a lot of audio, please remember that audio files are quite large. 10 MB per 1 minute of stereo audio (44khz), so this folder can grow very fast. In a new version, we will develop a fix that will move any dragged audio to the right project folder.

Set export location

Here, you can set where Rewind saves your exported files. External disks are also supported!

Audio



On/Off

Here, you can choose to disable audio capture completely. If you are working on a computer with limited memory, this will allow you to record for a very long time, with almost no memory increase.

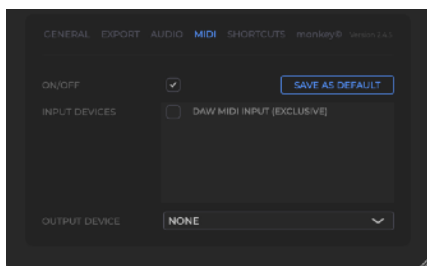
Input (only for standalone)

This is where you select the audio device for incoming audio. With the new v2 of Rewind, you can select all the inputs of your audio or aggregate interface (we have tested with up to 64 inputs ;) to monitor even more inputs. These are not exportable separately but are mixed into one track. If you want your input to be mono, you need to select it in the mono dropdown. If this input was previously selected in the stereo input list, that pair will be deselected in the stereo list. This also works the other way around.

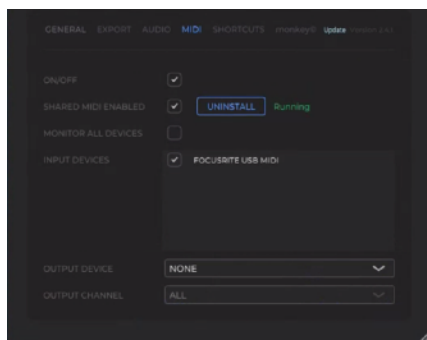
Output (only for standalone)

This is where you set the audio output for monitoring.

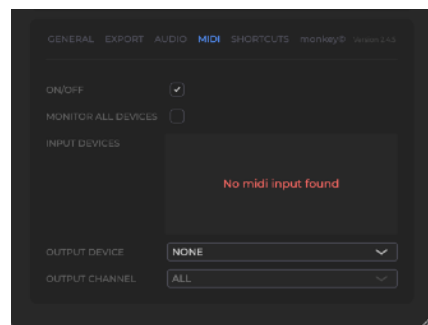
MIDI



Plugin



Windows Standalone



Mac Standalone

On/Off

This allows you to deactivate the MIDI recording altogether. For Windows users, this is especially handy to free up the MIDI devices (as mentioned in our MIDI note at the beginning of the manual).

Monitor all devices (standalone only)

When enabled, this will automatically add any new MIDI devices that appear to be monitored. We don't have this in the plugin version because you have an extra option called 'DAW input,' which ignores the normal MIDI devices.

Shared MIDI Enabled (Windows only)

Windows does not allow applications to share MIDI devices. If you were to start Rewind first, select your device and then start your DAW, that MIDI device would be unavailable. To counteract this, Rewind has an extension called SharedMIDI. SharedMIDI creates a clone of every device and appends the word 'Monkey@-'. In Rewind, you select your normal device, and in your DAW, you select the 'Monkey@-' version, and you are good to go!

In this video, we elaborate a bit further on how it works and how to install it:



Input devices

Here, you can select which device(s) you want to monitor. In the plugin, you will also see an extra device called the DAW INPUT.

To prevent MIDI feedback or double notes in your DAW, we have made it so that the DAW MIDI INPUT option disables the normal MIDI ports and vice versa. To select an external MIDI port, first disable the DAW MIDI INPUT option, then choose whatever devices work for you.

We have now added indicators to show you which device(s) is send MIDI.

Output device

Here you can set your external MIDI output device to hear what you just played. We have also taken the liberty to include a MIDI synth option which can also play the MIDI information.

Output channel

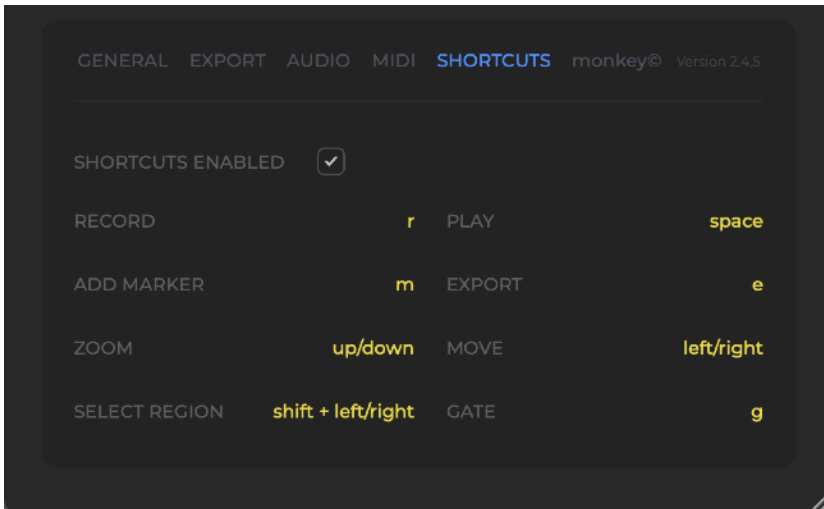
Here, you can set the channel to which you want to playback. 'All' will not change the channel information, which is exactly how Rewind received it. You can choose a dedicated channel from 1 to 16 if your MIDI device receives on another channel than what was recorded.

Set as default (plugin version only)

This will save the MIDI settings as the default for when you open a new version of the plugin, so you have your favorite settings handy!

Shortcuts

We now have shortcuts built-in in the standalone version. This will greatly improve useability!



Shortcuts enabled

This will enable the shortcuts.

Shortcuts

Record: Toggles the main record and pause modes

Add Marker: During record, you can add a marker

Zoom: This will zoom the selection in or out

Select Region: This will select a region between the green markers

Play: Toggles the playback of the audio/MIDI in pause mode

Export: Opens the file export dialog

Move: Moves the zoom area to the left or right

Gate: Toggle gate mode on or off

Use cases

Here are some use cases that we came up with!

Recording Stress

If you have ever recorded a singer, you know that they always get a bit more nervous when the tape is rolling (or the DAW is recording). Usually, when rehearsing, the most beautiful adlibs could be heard but usually were never recorded. Rewind sits in the background and ensures you capture every nuance to make that hit record.

Capture reference tracks

When mixing, it is great to use reference tracks to compare your mix against those of your favorite artists.

Sample Youtube

Ever wanted an easy and fast way to sample what you hear on YouTube? Not an issue with Rewind. Simply play the part you like and drag the audio from Rewind into your sampler.

Stay In The Zone

Sometimes, you just want to sit down quickly and record/play what is in your head. Many people (us included) don't always take the time to turn on their DAW... So you have to do a lot of left-brain activities, like starting up your DAW, selecting the right input channel, etc. Results: missed moments and close, but less original replays of what you had in your head. Rewind has got you covered; stay in the flow!

Replays Suck

We are not great piano players, so when we finally play something cool, it is hard for us to repeat it exactly. Even when the DAW is already on, we forget to press record or when we do, the replaying of the idea usually has lost its magic. Rewind has the Audio AND MIDI, so you can be sure to keep on rocking!

Recording Analogue Equipment

Analog equipment like vintage synths, modular, or FX sound great, but since they are analog, they will always sound a little different. Capture that crazy quirkiness with Rewind and always have the sound you fell in love with!

Quick Render/Bounce

Not every DAW has a straightforward process of bouncing a quick audio part. Use Rewind as a plugin in your DAW and work super efficiently.

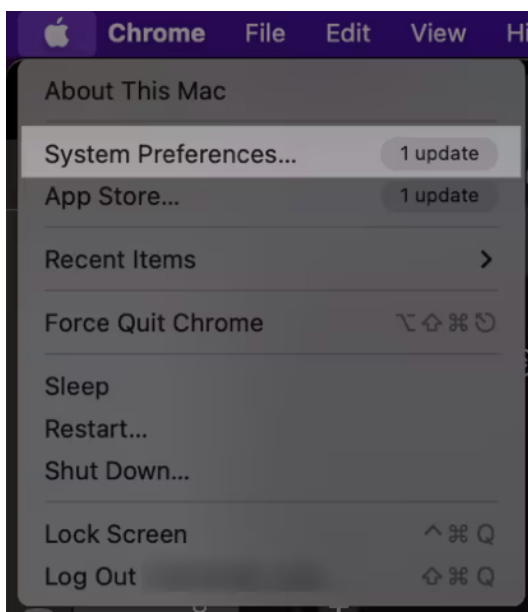
Record Arrangement Ideas

Now, it is super easy to practice arrangement ideas by simply muting, soloing, and using faders. You now have a recording of what you did and recreating your movements was never easier!

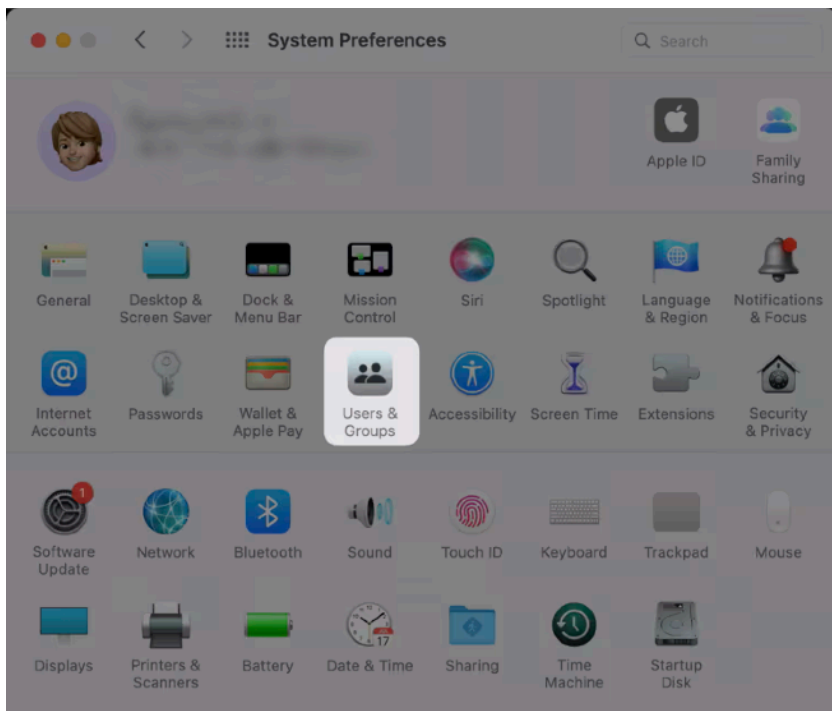
Auto Start Up

Read this part if you want to make sure that Rewind is always active when you boot up your computer.

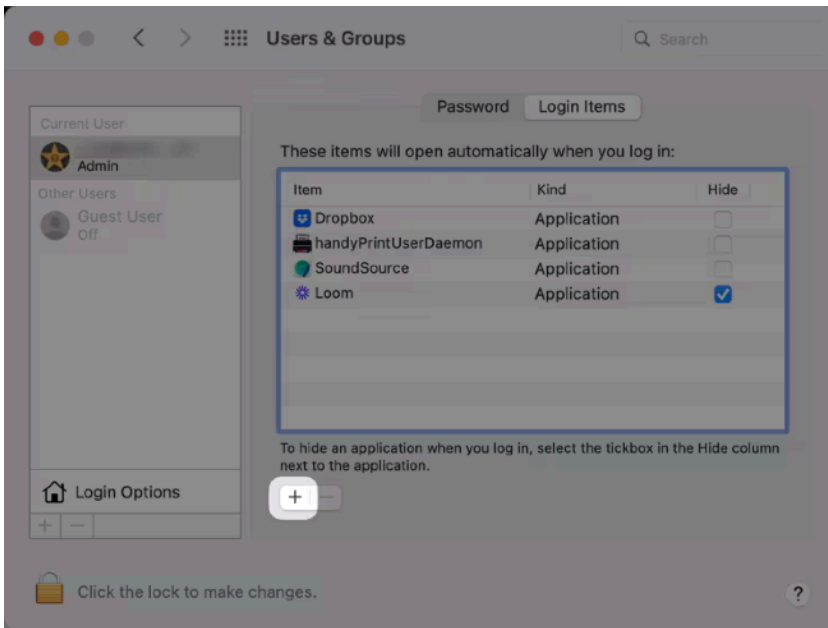
Mac (OSX 12.6)



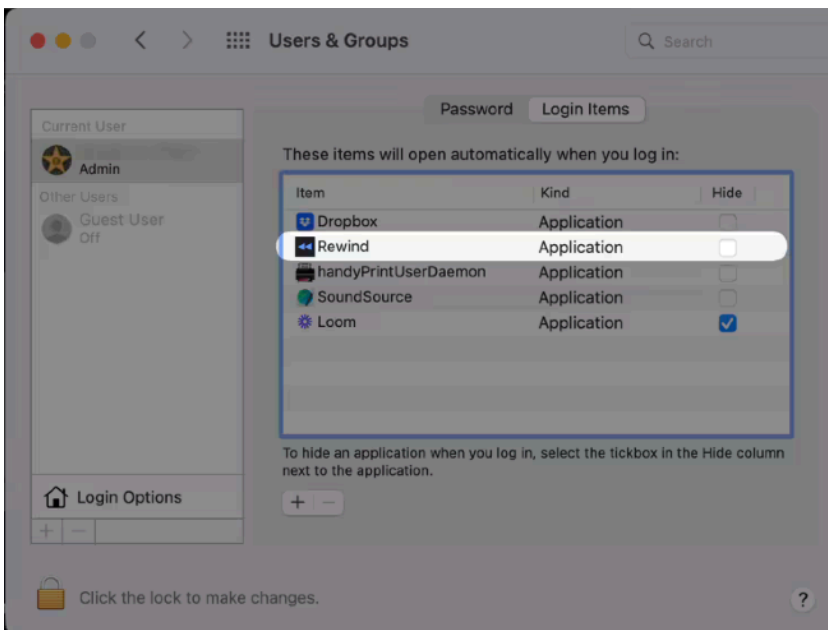
Click on 'Users & Groups'



Now click on the + icon to and add Rewind (located in your Applications folder)



You should see Rewind now in the list.



Optionally you can click 'Hide' to have Rewind hidden from view.

That's it, you are done! Next time you start up your computer, Rewind will be active!

Windows

We still have to make this part for Windows, but this will get you started:

Add an app to autorun at startup on windows

DAW Template Setup

Just like above, you can also have Rewind included in every new song you make in your DAW. We have collected some links to get you started, and soon we will have detailed steps on how to do this for each DAW.

Note: if your DAW is not listed here, please let us know, and we will include this for you.

Logic Pro

Ableton

Cubase

Studio One

ProTools