

Vienna Video Pro



Vienna
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Library

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Welcome to Vienna Video Pro, the app software that brings together your music and images in perfect synchronization with smooth, GPU-accelerated video streaming, complete with timelines, markers, and flexible sync options. Here's the specifications in a nutshell:

- Fluid, GPU-accelerated performance with thumbnails and audio waveforms generated in real time.
- Support for multiple timelines, each with its own frame rate.
- Add streamers and markers directly within the timeline for precise scoring cues.
- Convenient video export option – multiple resolutions and bitrates, H264 container, mp4. Keep working during export.
- Load/save complete video projects within Video Pro.
- Extremely low CPU impact – heavy processing is done on the GPU.
- Option to delay video audio playback for perfect sync with picture.
- Timeline timecode offset support, including negative values.
- Blackmagic Design support.
- MMC/MTC support.
- Supports virtually all common video formats.

Installation

- Download Vienna Video Pro from musehub. Follow the instructions of the separate installer that opens up.
- Open or restart MuseScore Studio. Make sure you are using the latest version of the software.
- In the mixer, add Vienna Video Pro as an effect plugin to your master track.

That's it, you're all set to synchronize your video scores!

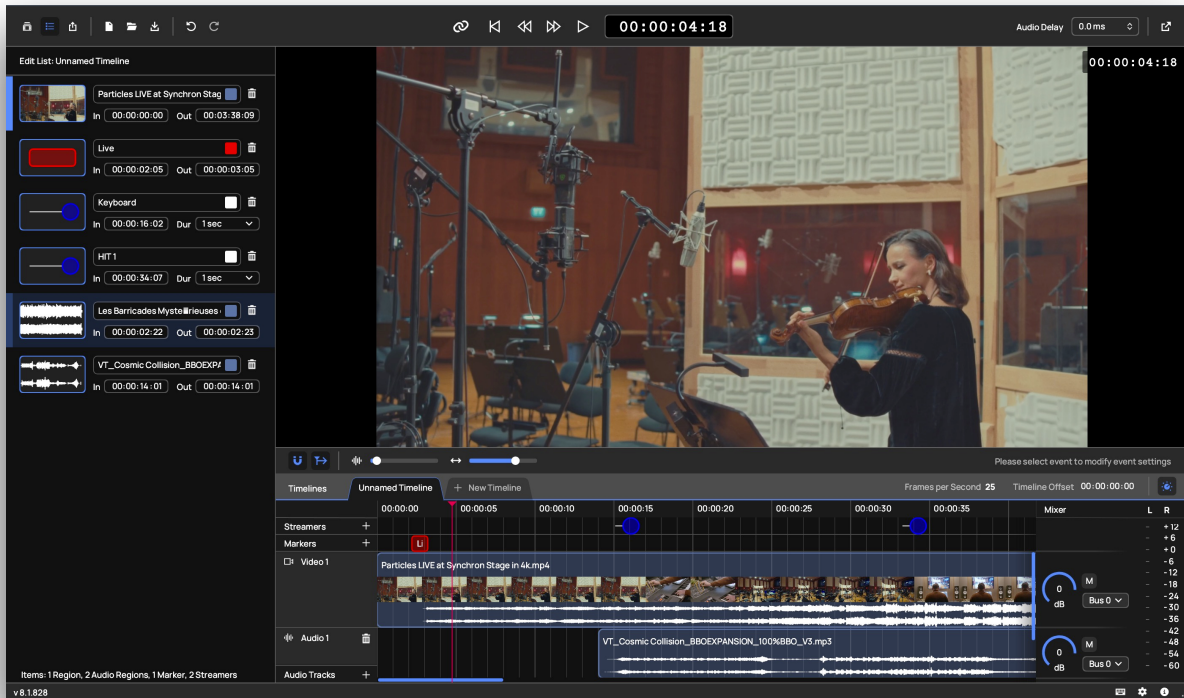


Fig. 1 Vienna Video Pro

Video Projects

In the menu bar's first group of options, you'll find the display buttons for media, event list (including media), and the export button. In the second group, you can create, open, or save a video project (.vpro). Next to these options, you'll also find the undo and redo buttons.



Fig. 2 Top Bar

In the panel under the menu bar, media, events, or the export options are listed according to your selection.

Media

The media pool shows a list of the project's video clips with information about their resolution, duration, and framerate. In the upper right corner of the pane, you can add media and create folders by clicking on the respective symbol. In the list itself, click on a folder entry's "add folder" icon to create a sub-folder. Click the bin symbol to remove items, i.e., folders and/or media.

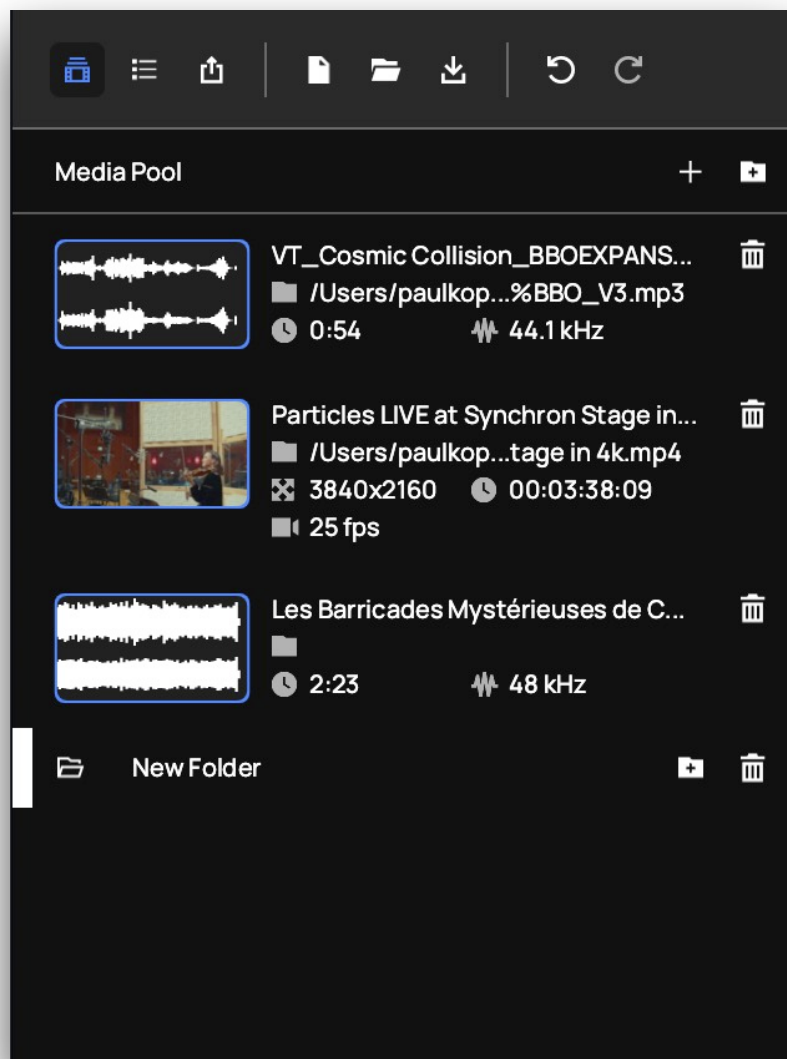


Fig. 3 Media Pool

List

The list shows the currently selected timeline's regions (video files or parts thereof) as well as its markers and streamers in the order of their appearance. Media display their **In** and **Out** times. As streamers and markers have fixed lengths, their entries list **In** time and **Duration**.

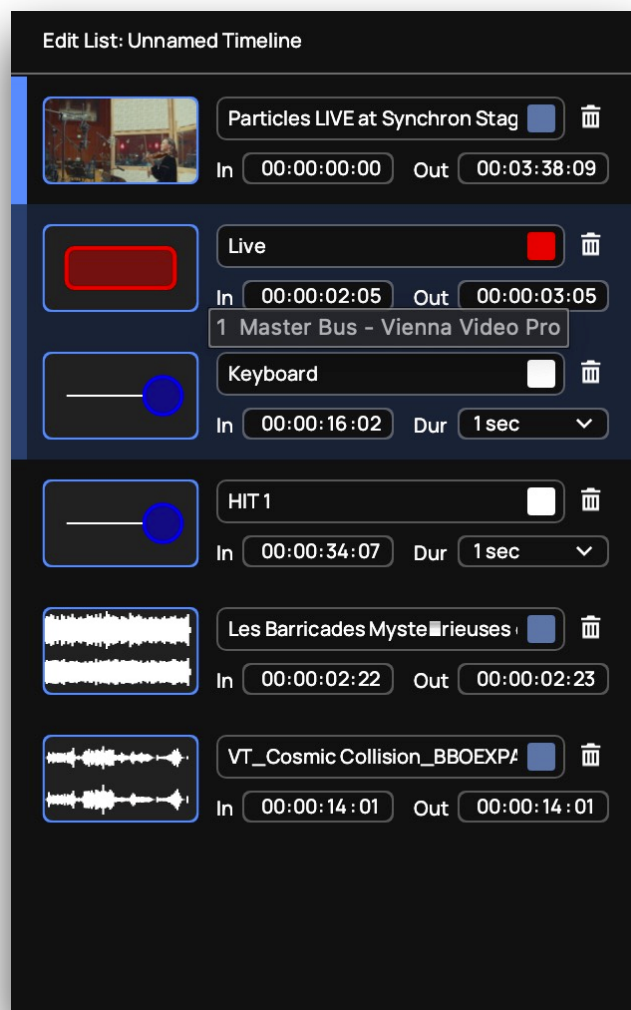


Fig. 4 Edit List

Remove items from the timeline by clicking the bin icon. Click on the color fields to change the underlying color of media in the timeline, the text color of markers, and the color of streamers in the video display.

Export

This pane hosts the project's export options.

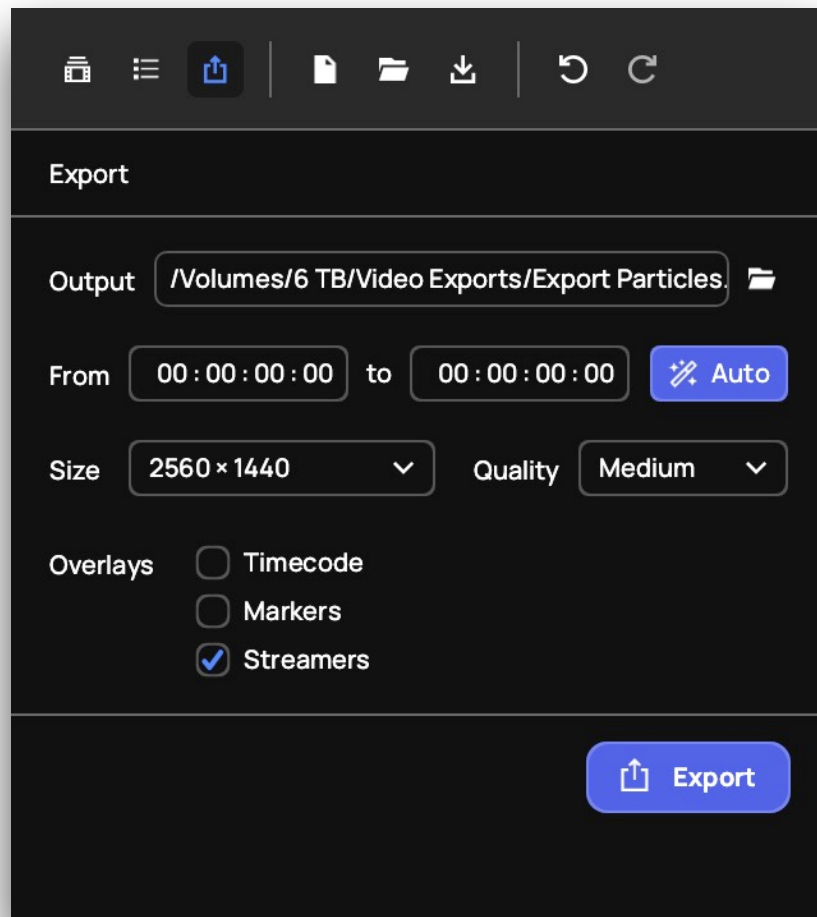


Fig. 5 Export

- **Output:** enter a filename here or select an existing file by clicking on the folder icon on the right side of the name field.
- **From / to:** defines the starting and ending time of the sequence to be rendered. Click Auto to return to the original values, i.e. the entire timeline sequence.
- **Size:** select the video's resolution from 16:9 to C4K.
- **Quality:** set the rendering quality in four steps from low to very high.
- **Overlays:** check if you want to include timecode, markers, or streamers in your rendered video.



Fig. 6 Export Progress

Once you click the export button, the rendering progress is displayed below. Click “x” to cancel the process.

Shortcuts, settings, info

In the Video Pro window’s lower right corner you can find the icons to display a list of shortcuts, open the basic settings pane (both these windows are scrollable), or display credits in the About window.

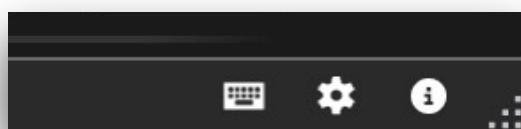


Fig. 7 Lower Right Corner

Settings

The upper section of the settings pane provides basic settings for your streamers and markers, and options for general software behavior.

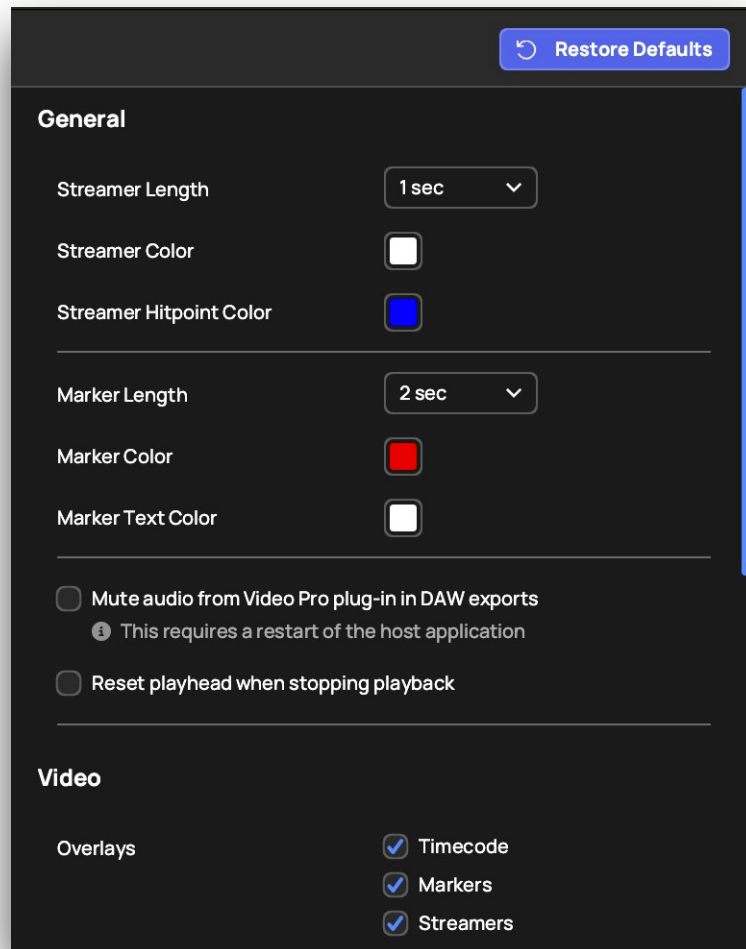


Fig. 8 General Settings

- **Default streamer length:** choose a value from 1 to 5 seconds.
- **Default marker length:** choose a value from 1 to 5 seconds.
- **Mute audio from Video Pro plug-in in DAW exports:** if this box is checked, the video will be rendered without its original sound. If you change this option, restart the host application to take effect.
- **Reset playhead when stopping playback:** if checked, the playhead will return to its starting position.

The settings' lower section contains the video options.

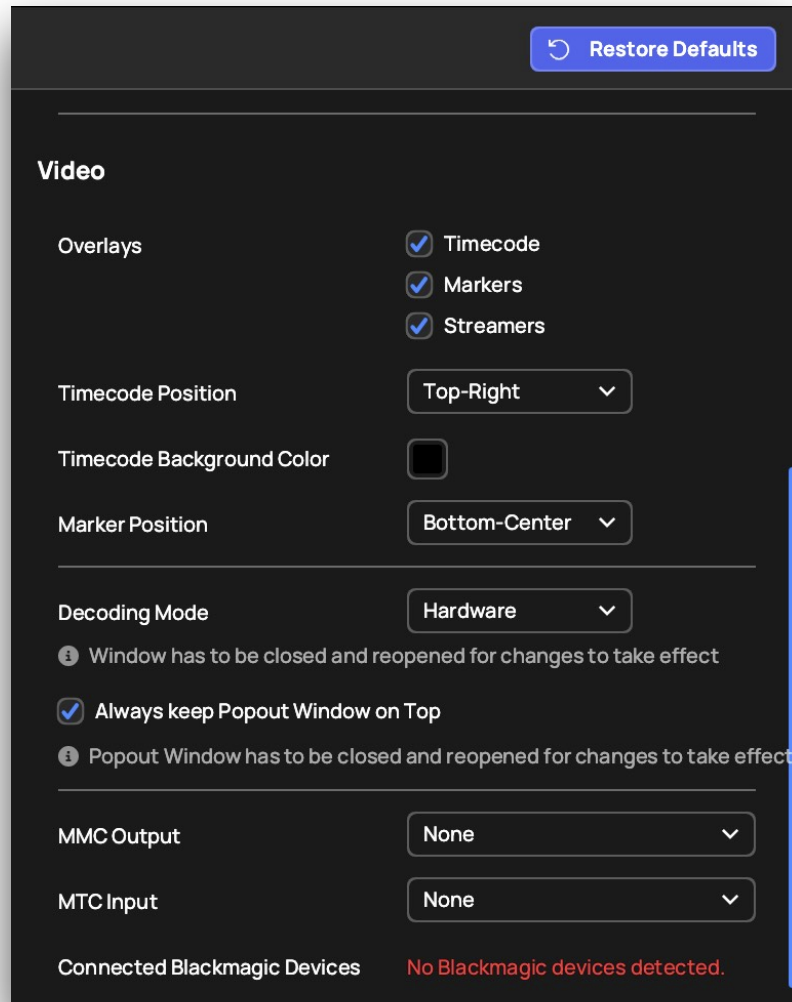


Fig. 9 Video Settings

- **Overlays:** basic settings for the inclusion of timecode, markers, and streamers in your rendered videos. Can also be set individually in the Export pane.
- **Timecode:** the timecode can be inserted on top or bottom left/middle/right, and its background color can be changed for better visibility.
- **Marker position:** markers also can be shown top or bottom left/middle/right
- **Decoding mode:** set to hardware (default) or software. For the change to take effect, close the video window and reopen it.

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- **Always keep Popout Window on Top:** if activated, the video player display will stay on top. Here, too, if the Popout Window is open you'll have to close and reopen it to take effect.
- **MMC Output:** defines an output for MIDI Machine Control (transport information being sent to your DAW)
- **MTC Input:** defines an input for MIDI Time Control (time code being received from your DAW)
- **Connected Blackmagic devices:** lists devices based on Blackmagic technology.

Timeline display

The timeline display shows the details of the selected timeline with its regions, streamers, and markers.

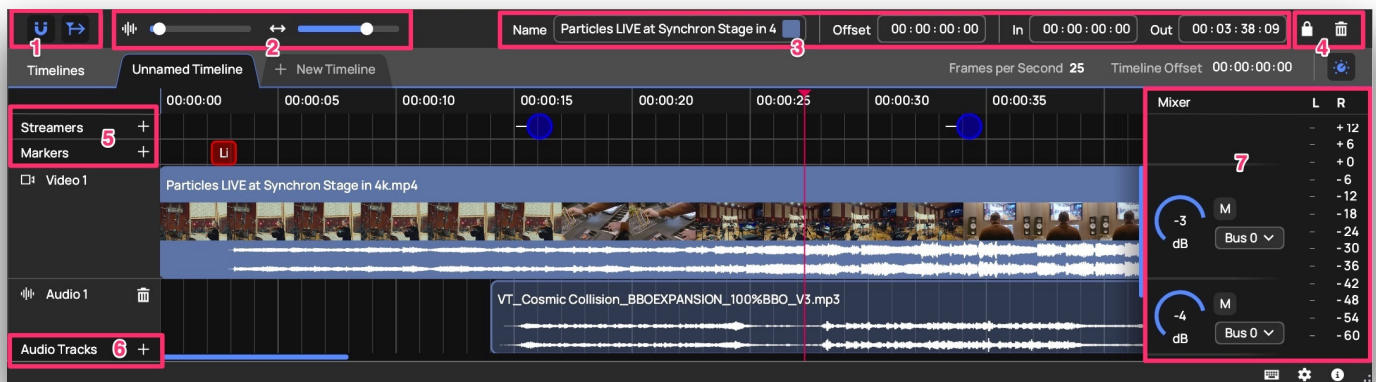


Fig. 10 Timeline

1. Activating **snap to objects** makes events in the timeline latch on to each other, follow playhead causes the timeline position to follow the playhead in the video window.
2. **Zoom** faders for audio (vertical) and timeline display (horizontal). Click on the waveform icon to reset audio zoom, and the double arrow to fit all regions into the timeline display.
3. The information area lists parameters pertaining to the selected region, streamer, or marker.

4. **Lock** fixates the selected object in its timeline position. Click the bin icon to **remove** an object from the timeline.
5. **Add streamers and markers** by clicking on the respective "+" sign.
6. Likewise, **add audio tracks** by clicking on the "+" sign.
7. The **audio mixer** allows you to set **volume** and **output** bus of individual audio tracks. **Mute** tracks by clicking the "M" button. Click the top icon to **show/hide** the mixer display. On the mixer's right side, there is a volume meter.

Information about **Media** (video and audio files) lists their Name, Resolution, Source offset, and In and Out Points, as well as whether their region is locked or unlocked.

Streamer info lists their Name, Hit Point, and Duration. You can set a Streamer's duration to 6 lengths between 1 and 5 seconds, and you can also select colors for the Streamer itself and for the Hit Point.

Marker info shows a Marker's Name as well as In and Out Point. You can choose Marker and Text colors by clicking on the color dots.

Video play area

The video play area shows the video resulting from the events in the timeline.

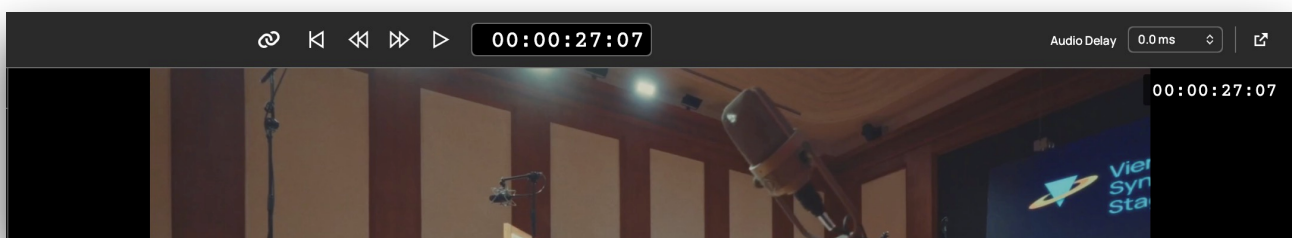


Fig. 11 Play Area

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- On the left side of the play area's top bar, there is the **Synch to Host** switch. When activated, the video will synchronize with your host application, i.e., follow the music. Deactivate if you want to work only on the video!
- Next to that, the **transport controls: Back to start** (Home key), **Rewind** (Arrow left), **Fast Forward** (Arrow right), and **Play** (Space).
- The **Time** display next to these shows where you are at the moment in your timeline. Depending on your settings, the timecode may also appear in the video screen.
- On the right side, set **Audio Delay** in milliseconds by dragging with the mouse or double-clicking to enter a value.
- Finally, there is the **pop out video** icon to open the player in a separate window.