

VIENNA SYMPHONIC LIBRARY

SYNCHRON
STRINGS I



Setup Guide



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GETTING STARTED

With Synchron Strings I, powered by Vienna Instruments / Pro, you can choose between

- the convenient **ROOM-MIX Presets** that work in ONE instance of Vienna Instruments / Pro and
- our **multiple microphone Mixing Presets** we have prepared for Vienna Ensemble / Pro.

We have added a few nifty features that increase the performance of Vienna Instruments / Pro and add to a convenient workflow with this huge Sample Library.

Incidentally, the **synchronization** of Vienna Instruments instances that contain different microphone positions plays an important role, and these are the settings you should change before you start playing with Synchron Strings I.

Vienna Instruments / Pro Settings

These settings apply to ALL Vienna Instruments / Pro instances you have on your system!



Synchronize Control Map: Adapt Synchron Strings Presets to your personal preferences with a mouse-click.

When activated, any change in the **Control Map** or the **Real-Time Controller Area** will be applied to ALL other Vienna Instruments / Pro instances on your system. BTW: Copy and Paste (right mouse click) from existing templates also works!

Enable Cells on MIDI Activity: All Synchron Strings Presets load with “disabled cells” (no samples), and with this option enabled, you are only **loading the articulations you really need** in your arrangement. This way, you keep your RAM footprint low.

Remote Control: Set up your tablet as a customized remote control for Vienna Instruments / Pro. More information is available in the [VI Remote App Manual](#) and in our [VI / Pro Remote App Video](#).

Mixing Threads: A new setting boosts CPU Performance when you are loading our ready-made **ROOM-MIX Presets**. With a setting of **2 mixing threads** per instance, both the Mid Mic and the Room-Mix will be Processed in separate threads!

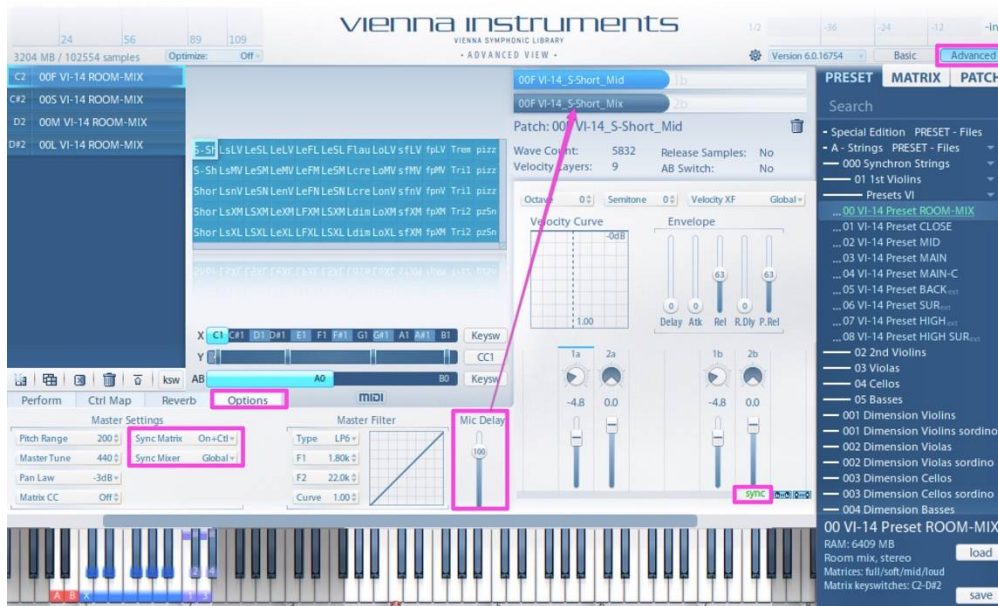
To **enable all cells of a matrix**, choose from the context menu by right-clicking a matrix name in the left pane.

To **enable all cells of a VI / Pro instance**, go to Settings => Enable Cells.

To **enable all cells in Vienna Ensemble / Pro**, go to the INSTRUMENTS menu and choose from the selection.

Sync Matrix / Sync Mixer / Mic Delay

More options are now available in the Advanced View / Option Tab. Your selections are saved with the preset.



Sync Matrix: Synchronize your cell position when switching between different matrices (**On**).

Additionally, you can sync your Matrix Controls throughout the instance (**On + Ctl**).

A very useful feature if you decide that you'd like to use, e.g., key-switches for the Y-Axis, instead of the Modulation Wheel. Your change will be applied to all matrices in your preset.

Sync Mixer: Synchronize the settings of your slot mixer.

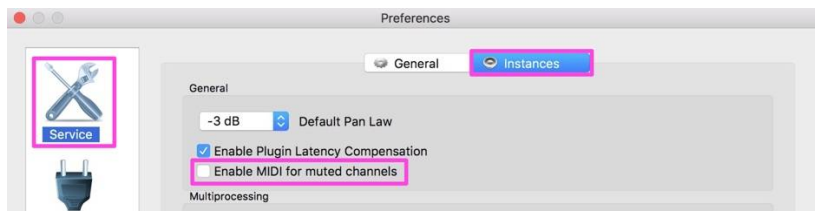
A convenient option if you'd like to change the panning or volume of a slot.

Global will apply your changes to the preset, **Matrix** will apply your changes only to the selected matrix.

Mic Delay: The Room-Mix Presets consist of the MID microphone (directly in front of the ensemble) and a mix of all available room microphones. The Mic Delay Scaler lets you adjust the runtime of the room microphone mix. This scaler will only work with our pre-designed ROOM-MIX presets!

Vienna Ensemble / Pro Preferences

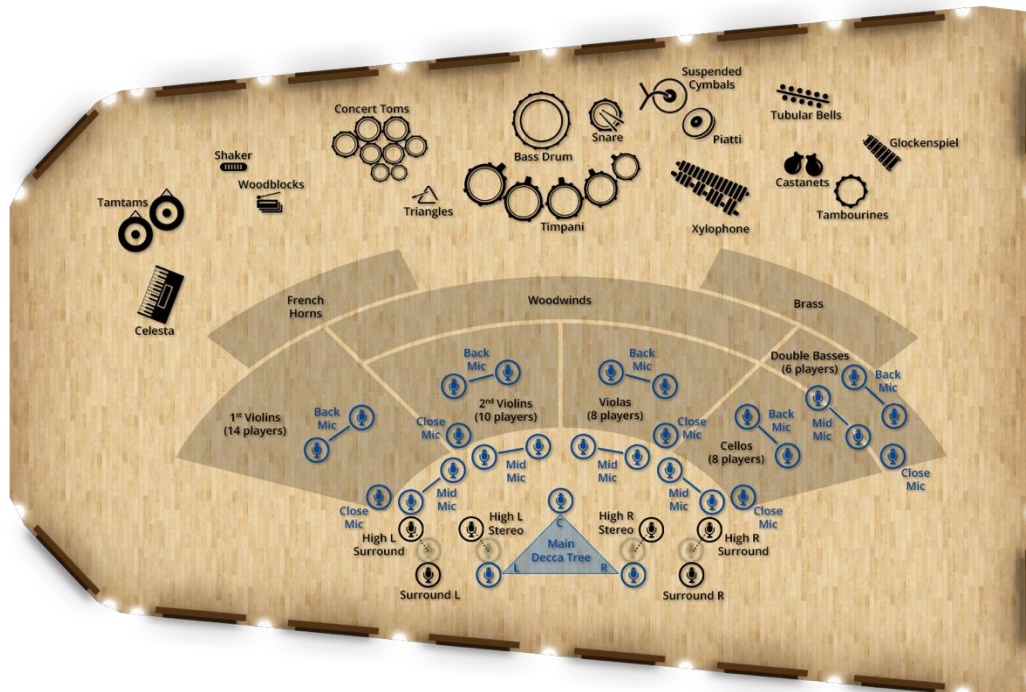
You can now **enable/disable MIDI on muted channels** in the Vienna Ensemble / Pro Preferences. When a channel in your multi-microphone mixing template is muted, no samples are streamed.



An efficient option for working on your music with only a selected choice of microphones, and you can add more microphones when it comes to mixing.

RECORDING SETUP

The Mixing Presets for Synchron Strings I provide an instant starting point for your mix, with dedicated channels for the multiple microphone microphones we recorded at Synchron Stage.



The natural dynamic behavior, stage positions and the balance between different articulations for each instrument were important factors for our decision to record all sounds of each instrument at fixed gain.

The **volume levels** of all instruments are set in relation to each section.

The **placement** of all instruments is as shown above, in the actual recording situation at Synchron Stage.

Close Microphone (Mono): The ensemble leader

Mid-Distance Microphones (Stereo): First row of the ensemble

Back Microphones (Stereo): Second Row of the ensemble

Main Microphones Decca Tree (Stereo)

Main Center Microphone Decca Tree (Mono)

Main Surround Microphones (Stereo)

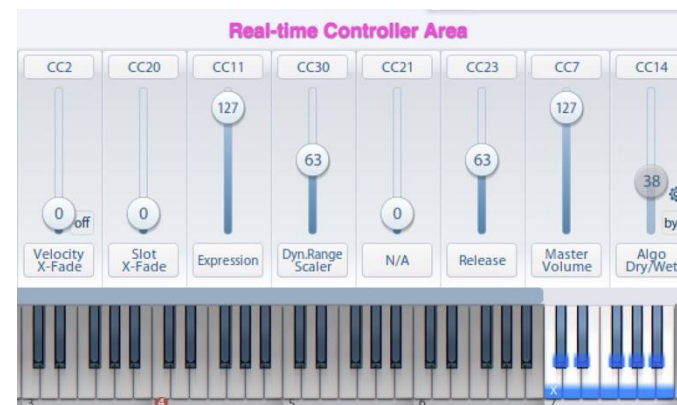
Auro 3D High Microphones (Stereo)

Auro 3D High Surround Microphones (Stereo)

Presets are designed to be adapted:

- Change volume levels as needed in your mix.
- The **balance** between **close microphones** (CLOSE, MID and BACK) and **room microphones** is your most essential mixing option.
- Add your **favorite plug-ins** and **mixing techniques** to any multi-microphone setup.

SYNCHRON STRINGS I PRESET OVERVIEW



C	C#	D	D#	E	F	F#	G	G#	A	A#	B
Short Notes	Long / Slow Attack	Legato Slow	Legato Regular	Legato Fast	Legato Slur	Dynamics	Long / Fast Attack	Sforzando	Fortepiano	Trem & Trills	Pizzicatos
Super-Short	Lyrical Vibrato	Lyrical Vibrato	Lyrical Vibrato	Lyrical Vibrato	Lyrical Vibrato	Flautando	Lyrical Vibrato	Lyrical Vibrato	Lyrical Vibrato	Tremolo	Pizzicato
Super-Short	Regular Vibrato	Regular Vibrato	Regular Vibrato	Regular Vibrato	Regular Vibrato	Long Crescendo	Regular Vibrato	Regular Vibrato	Regular Vibrato	Trill 1	Pizzicato
Short	No Vibrato	No Vibrato	No Vibrato	No Vibrato	No Vibrato	Long Crescendo	No Vibrato	No Vibrato	No Vibrato	Trill 1	Pizzicato
Short	XF Vib light	XF Vib light	XF Vib light	XF Vib light	XF Vib light	Long Diminuendo	XF Vib light	XF Vib light	XF Vib light	Trill 2	Pizz-Snap
Short	XF Vib strong	XF Vib strong	XF Vib strong	XF Vib strong	XF Vib strong	Long Diminuendo	XF Vib strong	XF Vib light	XF Vib light	Trill 2	Pizz-Snap
no RS	A/B Switch: Release Sample ringing/stopped (except trills)										no RS

Marcato Control
Vibrato Control

Full Dynamic Range offers up to 8 Velocity Layers. In Velocity XF mode, they are restricted to a maximum of 6 Layers.

Soft Dynamic Range offers the ppp – mp Velocities, all in all a maximum of 4 Layers.

Medium Dynamic Range offers p – f Velocities, all in all a maximum of 4 Layers.

Strong Dynamic Range offers mf-fff Velocities, all in all a maximum of 4 Layers.

Real-time Controller Area:

Velocity Xfade: Switch on and off whenever you need to crossfade between the available velocity layers. Create dynamic movement with long notes and legatos.

Marcato Control: Use **Slot XFade** to add more Pronounced attacks. Also a great help for creating variations of short notes with the Long Notes / Fast Attack.

Vibrato Control: Use **Slot Xfade** to crossfade between non-vibrato and regular/lyrical vibrato.

Expression: Additional volume control

Dynamic Range Scaler: Apply to enhance the low velocities. (maximum: 10 dB).

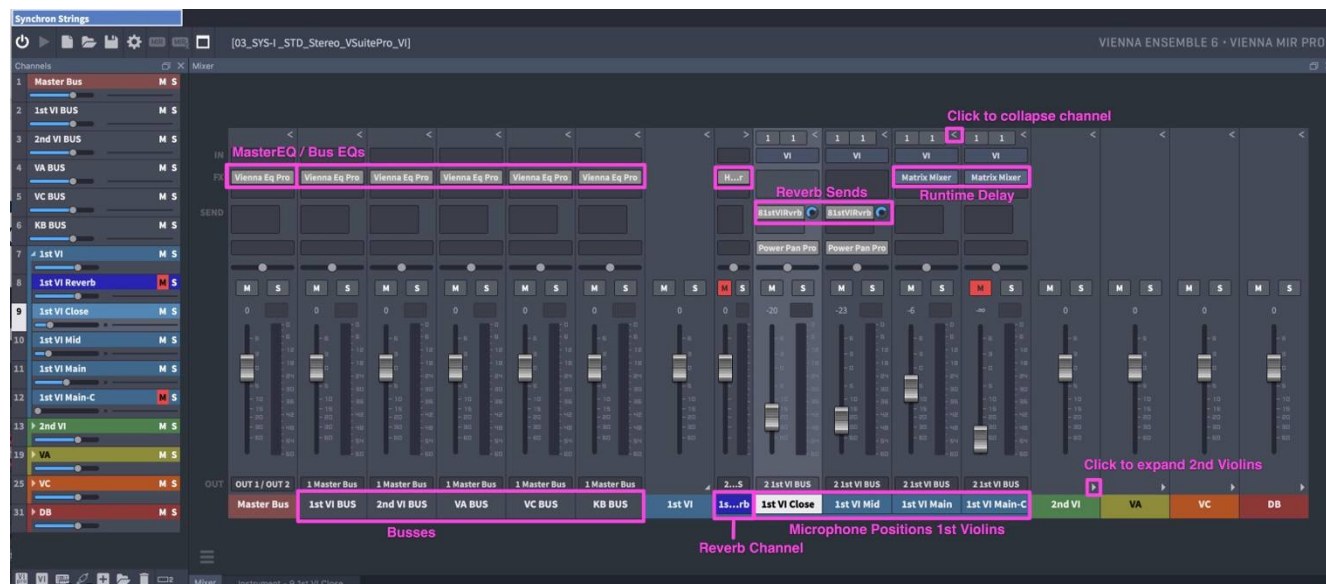
Release: Add a longer release to all non-legato samples.

Algo Dry/Wet: Add the internal algorithmic reverb for additional reverberation.

A/B Switch: Choose between ringing or stopped Release Samples.

VIENNA ENSEMBLE MIXING PROJECTS

Choose from many options with our presets. If you do not have Vienna Suite / Pro yet, you can make use of your own FX plug-ins for additional mixing. Your **Synchron Strings I Vienna Ensemble Projects** are available in [MyVSL - Library Downloads](#).



In this preset, we have used [Vienna Suite / Pro](#) plug-ins for positioning, EQs and additional reverberation.

Busses: All available microphones are routed to busses, so you can change the volume and overall sound for all sections in your instance at once.

Reverb Channel: Like in a real-life mixing situation, you want to add your best-sounding algorithmic reverb to the close microphones. The Reverb Sends send to the **Reverb Channel** (muted by default in the presets).

Runtime Delay: The integrated Matrix Mixer is used to add delays to each room microphone channel (to recreate the natural run-time). Different runtimes on the L-R channels can enhance the placement of each section.

Please watch our [Synchron Strings I setup videos](#) for more information!

Feel free to contact us with any questions you may have: support@vsl.co.at!

Best wishes from Vienna,

Your Vienna Symphonic Library Team

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