



d16 group
AUDIO SOFTWARE

Product Overview

Syntorus 2 v2.2.2

Contents

Key Points	2
Chorus with real analog feel	2
Three BBD delay lines	2
Overview	3
3 Delay Lines with real analog feel	3
Filter and tremolo	3
3 LFO Generators	3
Complete synchronization	3
Delay line mixer	4
Configurable modulation	4
Analog BBD option	4
More features	5
System requirements	6

Key Points

Chorus with real analog feel

Flawlessly emulates the bucket-brigade device (BBD) technology of vintage solid-state electronic delays.

Three BBD delay lines

For a fatter and richer chorus sound.

Overview

Evocative, characterful sound through painstakingly accurate modelling of a high quality analog BBD delay line.

With so many chorus effect plugins on the market, finding one capable of delivering a truly authentic analog sound is easier said than done. With that in mind, we set out to create the ultimate analog chorus emulation, inspired by the revered effects found in classic synthesizers such as the Solina String Ensemble, Elka Synthex and Roland Juno-106. This fruit of our labor is Syntorus 2, the newest addition to the Silver Line series of plugins.

Syntorus 2's unique analog sound enriches any instrument routed into it, bringing life and movement to synth basses and leads, and adding depth and lushness to guitars and other electric/acoustic instruments.

Download the demo and try Syntorus 2 for yourself. No matter what kind of music you make, this is the analog chorus plugin you've been looking for!

3 Delay Lines with real analog feel

Most chorus effect units use just a single delay, but Syntorus deploys three analog delay lines to conjure a richer, fuller, deeper chorus sound.

Filter and tremolo

Each delay line has a multimode filter and a tremolo effect built in, both governed by the same modulation sources as the delay time. The filter is ideal for cooking up convincing Leslie sounds, especially when delay modulation is used to simulate the directional characteristic and Doppler effect of a rotating speaker. The tremolo can be employed on its own or added to the modulated delay line for the crafting of even more dynamic sounds – it's particularly effective on keyboards and guitars.

3 LFO Generators

Each one featuring:

- 6 waveforms
- Timeline-locked tempo sync
- Independent phase shift controls for left and right channels with link option
- Amplitude control with invert option

Complete synchronization

Each LFO can be independently synchronized to the host DAW, enabling the rate to be set in musical note values at project tempo. That in itself will come as no surprise, of course, but with Syntorus 2, the phase is also perfectly synchronized to the playhead position within your project, ensuring that your chorus always sounds exactly as it should at any point on the timeline.

Delay line mixer

Strips representing signal outputs from all 3 Delay Lines with Panning and Volume parameters + VU meter for level control.

Configurable modulation

Three LFO generators serve as flexible modulation sources, routed to the delay lines in a number of switchable topologies.

Analog BBD option

Syntorus gives you a choice of two BBD delay line models: by default, the chorus effect is exceptionally clean and pristine, but activating Analog BBD Emulation adds even more analog warmth and character to the signal.

More features

- **Precise BBD model**
Extremely precise model of a high-quality BBD analog delay line in the digital domain
- **Screen fit**
Several UI sizes and HiDPI support for better screen fit
- **MIDI Learn**
For easy controller assignment

System requirements

- (i) 32-Bit architecture means the product is appropriate for host applications working in 32-Bit mode. 64-Bit means compatibility of the product with 64-Bit host applications.
- (ii) Hardware requirements / recommendations are based on estimates performed on available computers at D16 Group HQ, and therefore cannot cover all possible configurations available on the market. CPU usage may vary widely depending on the manner in which the product is used. Factors that may contribute to variance in CPU usage include particular patch and its complexity, the global quality setting, project sample rate. In order to form a better understanding of how a plug-in will behave within your current setup, we highly recommend downloading the demo and giving it a try.
- (iii) This product is not a standalone program so you need a host application to use it.

Windows

OS version	Windows 7 - Windows 11
Architecture ⁽ⁱ⁾	64-Bit, 32-Bit
CPU ⁽ⁱⁱ⁾	Intel x86 / AMD x86
Software ⁽ⁱⁱⁱ⁾	VST2 / VST3 / AAX compatible application
Sample Rate	≥ 44.1 kHz

MacOS

OS version	10.13 - 14
Architecture ⁽ⁱ⁾	64-Bit
CPU ⁽ⁱⁱ⁾	Intel x86 / Apple Silicon
Software ⁽ⁱⁱⁱ⁾	VST2 / VST3 / AAX / AU compatible application
Sample Rate	≥ 44.1 kHz