



# THORUS

POLYPHASE MODULATOR

## Software User Manual

Software Version 1.0  
EN 161010



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## Introduction



### THORUS POLYPHASE MODULATOR

Thorus evolved in our pursuit of the perfect chorus algorithm. Building on a state-of-the-art chorus model combined with advancements made in the development of Sparkverb and Falcon, Thorus can create exceptionally deep modulation with an amazingly clear and detailed sound. Combine that with an attractive and easy-to-use interface and you've got a very compelling candidate for your next high-quality, go-to modulator.

#### MORE VOICES, MORE CHOICES

As opposed to a typical 2 or 4-voice chorus implementations Thorus is designed around a variable 8-voice architecture, allowing both subtle and extreme modulation with exceptional transparency throughout the entire parameter range. Use 2 voices for more pronounced modulation or crank it up to 8 to blur the lines for a thick and immersive effect.

#### REFLEXIVE REFINEMENT

In addition to providing dynamic voice control Thorus includes a number of filtering tools that can be used to further refine your sound. A simple click-drag in the visualizer allows you to tame or boost highs, filter lows to keep the bass tight or add a harmonic edge to your sonic profile to help it stand out in the mix.

#### MULTI-MODE

Thorus provides two operational modes; 'Standard' provides a typical sound stage reflective of the input material, where 'Wide' results in an expanded stereo image that can be utilized to tremendous effect. Create immersive, mind-bending sounds and freely move through them with the Speed and Depth controls.

#### CREATURE COMFORTS

Thorus included presets provide starting points suitable for a wide range of material from synths and drums to acoustic instruments, guitar or vocals. An A/B preset comparison switch and effect mix control allow for no-risk experimenting and easily dialing in the perfect amount of sonic mojo on your tracks.

#### EVOLUTION OF A CLASSIC

A classic effect with a long history, chorus modulation isn't often regarded as being particularly innovative however, with Thorus we've attempted to push that needle. The result is a versatile, easy-to-use and stunningly lush effect that offers a clarity and depth unlike any other.

## System Requirements



### Compatibility

Audio Units, VST or AAX

#### Tested and Certified in :

Digital Performer 8+, Pro Tools 11+, Logic X+, Cubase 7+, Nuendo 6+, Ableton Live 8+, Studio One 2+, Garage Band 6+, Maschine 1+, Tracktion 4+, Vienna Ensemble Pro 5+, Reaper 4+, MainStage 3, MuLab 5.5+, FL Studio, Bitwig 1+, Reason 9.5+

### Minimum System Requirements

- ▶ Mac OS X 10.9 or higher (64bit only)
- ▶ Mac Intel or ARM (Apple Silicon) Processor, 4 GB RAM



### Compatibility

VST or AAX

#### Tested and Certified in :

Digital Performer 8+, Pro Tools 11+, Cubase 7+, Nuendo 6+, Ableton Live 8+, Studio One 2+, Maschine 1+, Tracktion 4+, Vienna Ensemble Pro 5+, Reaper 4+, Sonar X3+, MuLab 5.5+, FL Studio, Bitwig 1+, Reason 9.5+

### Minimum System Requirements

- ▶ Windows 8 or higher (64bit only)
- ▶ Intel Core Duo2+, 4 GB RAM

## Flexible Authorization With iLok



All UVI licenses allow up to 3 concurrent activations on any combination of computer hard drives or iLok USB keys, easily managed through the iLok License Manager (iLok account required).

## Interface



### 1 ► Menu Toggle

Toggle the drop-down menu on/off

- » Load and Save Thorus presets
- » Factory Presets
- » User Presets

### 2 ► Preset Name

### 3 ► A/B Snapshot

Use to store two different plugin states for A/B comparison

- » Initial Click: Stores current state to memory A
- » Following Clicks: Stores current state in bank A (resp B) and loads the previous state from bank B (resp A)

### 4 ► Tool Tips

Display instructions for any parameter by mousing over it

### 5 ► Display

The display shows a visual representation of how the controls will affect the Chorus and the Color settings.

Color settings can be change by mouse dragging on the display.

### 6 ► Chorus

#### » Voices

Number of voices used for the chorusing effect

#### » Speed

Control the modulators rate

#### » Depth

Modulation depth in cents

### 7 ► Color

#### » Tone

Controls the frequency of the low-pass filter

#### » Edge

Control the color of the chorus Around the nominal value 0. The algorithm blends a specific amount of feedback to avoid holes in the spectrum for a rich chorus effect. When edge is turned to -1, the effect of time-varying notches become more pronounced.

On the other end, when edge is turned to +1, the increased feedback results in noticeable time-varying resonant peaks.

#### » Low Gain

Controls the level of the low (pass-through) signal

#### » Crossover

Sets the crossover frequency between the Low (pass-through) signal and the High (chorused) signal

### 8 ► Mode

Controls relative phases of modulators, resulting in very different kind of stereo and frequency effects

### 9 ► Output

#### » Mix

Controls the wet/dry mix amount

#### » Trim

Amount of effected signal passed to Mix

## Links

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### UVI

- Home . . . . . [uvi.net/](http://uvi.net/) 
- UVI Portal . . . . . [uvi.net/uvi-portal](http://uvi.net/uvi-portal) 
- Effect Installation Guide. . . . . [installing\\_uvi\\_effects\\_en.pdf](#) 
- FAQ . . . . . [uvi.net/faq](http://uvi.net/faq) 
- Tutorial and Demo Videos . . . . . [youtube.com/](http://youtube.com/) 
- Support . . . . . [uvi.net/contact-support](http://uvi.net/contact-support) 

### iLok

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- FAQ . . . . . [ilok.com/supportfaq](http://ilok.com/supportfaq) 

# THORUS

## Credits and Thanks

### Produced by UVI

#### DSP

Remy Muller

#### Software

Olivier Tristan  
Remy Muller

#### GUI

Nathaniel Reeves

#### Preset Design

Damien Vallet  
Alain Etchart  
Simon Stockhausen

#### Documents

Nathaniel Reeves  
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UVI.NET