

# Time Razor

# Manual

version 1.1.0



# Time Razor

## Introduction

Congratulations on your purchase of Time Razor.

We'd like to thank you for purchasing Time Razor, our modern dual delay line effect.

Be Good Audio has a passion for excellence, and Time Razor is no exception.

Time Razor is a massive modern dual delay line, powered up with additional effects and a modulation engine, capable of producing a wide range of delay effects, from traditional delay to otherworldly soundscapes and textures. This is made possible by the advanced architecture and design of Time Razor.

## Main Features

It has 2 delay lines that can be combined in different delay modes: Single, Dual Serial, and Dual Parallel.

Each delay line has 2 controllable time transition modes: Repitch and Fade.

Each delay line has optional Ping Pong mode.

Control the audio level of the delay lines in Parallel or Serial delay mode.

Option to add Chorus, Phaser, Bit Crusher, and Reverb to the feedback path (with both dry/wet audio options).

1 multi-mode filter in the feedback path (with both dry/wet audio options) for further enhancing the sonic character.

Processing in stereo with independent left/right repeat time and feedback for each delay line.

Possibility to sync repeat rates to the host tempo.

Stereo tools to control spatial width.

Processing in M/S stereo mode.

Shape the delay lines with lowpass, highpass filters in the feedback path. In Parallel mode, each delay line has separate filters, while in Dual Serial mode, both delay lines share the same filters.

Ducking for the delay lines with separate ducking settings in Parallel mode.

Envelope follower for dynamic modulation with multiple dual destinations(select between 32 targets).

2 LFOs with multiple dual destinations (select between 32 targets) and the possibility to sync LFO rates to the host tempo.

Modulation sources can modulate each other.

Comes loaded with 200 presets for quickly adding magic to your sound.

Control audio input and output, changing the sonic harmonics.

## Main Features continued

Clear Audio button (top-right "Time Razor" text in the UI) for working with massive feedback.

Integrated help-text displayed when hovering over UI elements with the mouse.

(New) Resize GUI

(New) Can receive MIDI input(note on/off).

(New) 2 ADSR MIDI triggered envelopes for dynamic modulation with multiple dual destinations (select between 32 targets).

(New) MIDI retrigger LFO's (note on)

(New) 2 magic dice that speed up creating new presets

We understand that people tend to avoid reading long user manuals, so we've made it easy for you. The user interface (UI) is designed with small help-text snippets that appear when you hover over UI knobs, boxes, or text (top-right 'Time Razor') with your mouse. This gives you all the information you need to operate Time Razor.

The rest of this document tells you about things not included in UI helptext snippets.

## Saving user presets

User presets are stored in the following location (Windows): C:\ProgramData\Time Razor\User  
To manage or delete your user presets, go to the user presets folder.  
It is not recommended to change the factory presets.

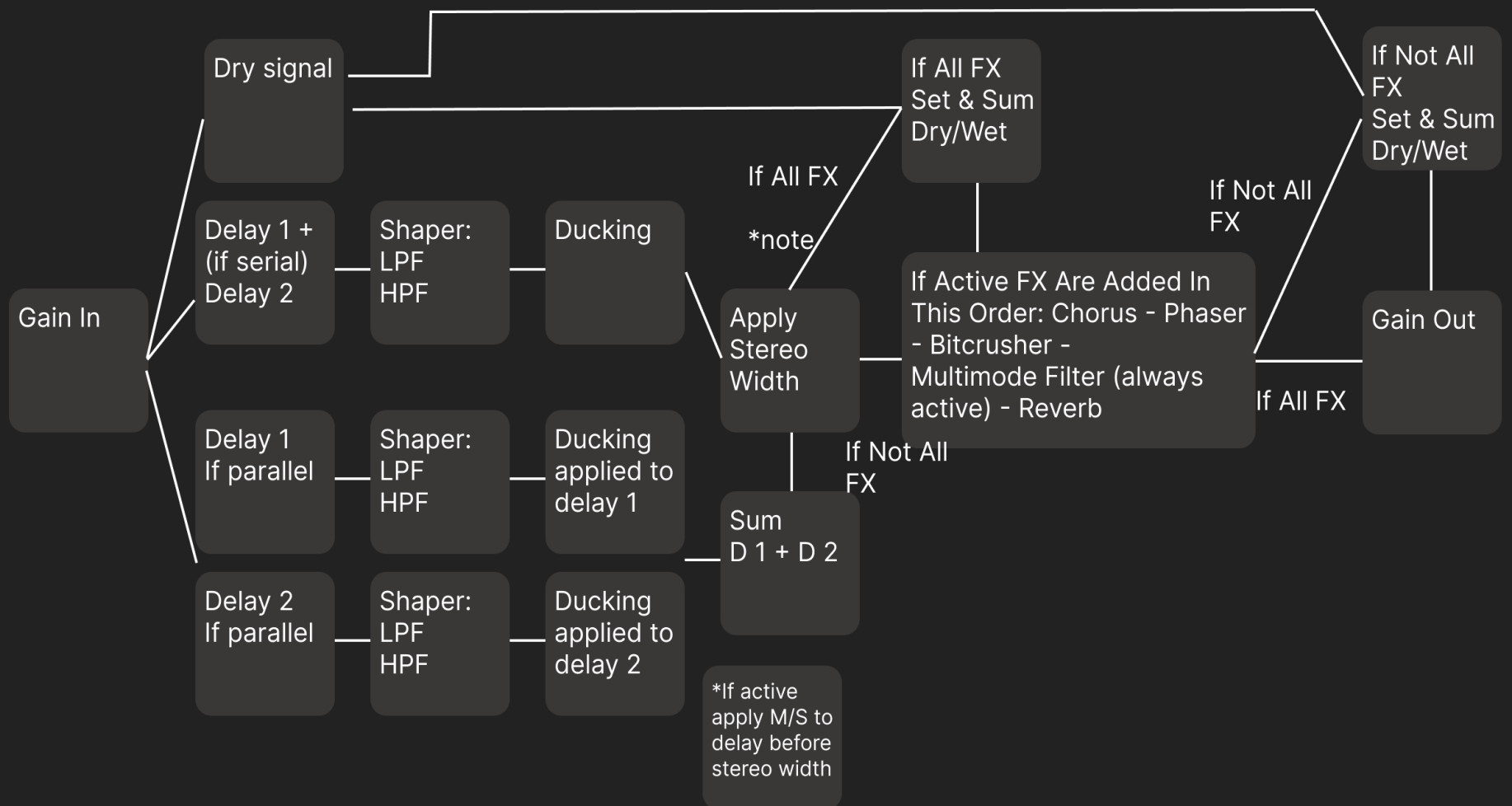
## Good to know

Time Razor has a very handy "clear audio" function, located at top-right text "Time Razor"  
Just mouse hover/click the text area.

Time Razor does not have a pitch shift effect directly, but when the repitch mode value is set to 0, harmonic pitch shifts (octaves, 5ths, etc.) are possible when modulating time. However, it is not perfect. Sometimes it can sound a bit "clicky". So, experiment with the sound material you use. It is possible to get useful results. The shaper function (low/high filters) can be very useful for shaping the sound you want. Repitch mode is not designed with pitch shift like this in mind. Its focus is on controlling the speed it repitches, creating various pitchy tape effects. Time Razor comes with basic harmonic pitch shifting presets to get you started. To create your own, use your ears and a tuner that displays pitch (C, D, E, etc.). Try adding more effects like a bit-crusher and reverb. The delay times are in milliseconds and not, for example, quarter notes. The serial delay mode is very useful if you want (close to) synced to the host. See the preset "5th up in space" to understand how this works. We plan to do demos of Time Razor on our YouTube channel, so please watch them as well.

# Time Razor

## Audio Routing



## How to receive MIDI input

### Ableton Live

Create a new midi track. Load External Instrument (comes with standard or suite edition only), right click and select group, add another instrument of your choice to the group, add Time Razor after the group, select external instrument, in "MIDI to" select this name of your group (instrument rack), Time Razor automatic get set as receiver on ch 1.

### Reaper

Create a new track. Add a MIDI instrument, then add Time Razor. It now receives MIDI.

### Cubase

See Cubase Documetation

### Fruit Loops

See Fruit Loops Documetation

### Bitwig Studio

Create a Midi new track. Add a MIDI instrument, then add Time Razor. It now receives MIDI.

### Logic

See Logic Documetation

## **When modulating FX Levels parameters nothing happens**

A FX must be activated before you can add modulation. You do this by setting FX level above 0 (delay, chorus, phaser, bit crusher, reverb levels). Reason for not having a standard on/off button is to keep fast work flow. You should not go to FX page and click activate first, you simply activate using global accessible FX Level menu.

## **Audible artifacts when modulating a FX Level parameter?**

If initial fx level (eg. chorus wet level) are close to 0 and you add large modulation levels sometimes artifacts is heard. Increase initial fx level and it should go away. If using a LFO, try different LFO wave shapes. Going fast between 0 and a x range often produce artifacts.

## **Factory preset does not sound like the name suggest or just doesn't sound great.**

Presets that use an envelope follower to modulate depend highly on the incoming audio. Some presets are made using incoming audio with short or longer attack or release time. And your sounds ADSR might not fit the settings in the envelope follower. Try and change the envelope settings or your incoming audio ADSR. In general it is impossible to create a preset that sound great with all sounds you feed in. So, maybe just try another input sound. Some presets sound great on percussive sounds e.g. kicks. Other with guitar and key likes sounds. We strongly advise that you learn the basic of how Time Razor works, as it will help you make small changes to a preset to fit your sound. Sometimes changing settings in e.g. ducking, filter or amount of modulation added can help. The GUI has many useful help text displayed when you mouse hover UI elements.

## **Midi triggered Envelopes does not give consistent result, why?**

Envelope release time or decay time might prevent modulated parameter to return to expected value in time. You must adjust ADRS settings to fit your current playing style. If you play fast short notes (staccato note on/off), then your release time must be short. If you play fast legato notes (note on) then your decay time must be short. But there is no exact best practice. It all depends on the sound you want - so you must experiment. And some times you don't want consistent result. Modulating delay time can be tricky if you want consistent result. Getting different sound depending on your playing style can be really cool, as you play short and long notes in a way it musically make sense.



# Compatibility Time Razor

Plugin formats(Win): VST3

*VST is a registered trademark of Steinberg Media Technologies GmbH*



Plugin formats(Mac): VST3 and Audio Units

*The Audio Units logo is a trademark of Apple Computer, Inc.*

Platforms supported: PC Windows 10+ 64 bits. Mac 10.13+ Intel or Silicon CPU.

DAWs that support Time Razor: It should run in any 64 bit DAW that supports the formats listed above. If you run into any issues let us know.

Please note that in Logic Pro Time Razor does not work in dual-mono mode. It's stereo only. Time Razor is designed to be used as a stereo plugin, having Mid Side and more stereo related.

Note that retrigger LFO and use of MIDI triggered (ADSR)envelopes require your DAW to support sending MIDI to FX.

## Installation (Windows)

A software download link is included with your purchase receipt. After downloading, extract(unzip) the file and double-click the setup/installer file (.exe) and follow the on-screen instructions. When you run the installer file, Windows may display a warning saying "Unknown Publisher." This is normal as our software is not signed with a digital certificate that verifies our identity. Being a new company, obtaining such a certificate is expensive, so please bear with us. To continue the installation process, simply click "Yes." In some cases, you may need to choose the "Read more" option and then select "Run anyway." If you encounter any problems, don't hesitate to contact us.

## Uninstall locations

WINDOWS

Delete the Product's VST3 file in: C:\Program Files\Common Files\VST3

# Time Razor

Audio Units

## Installation (Mac)

A software download link is included with your purchase receipt. After downloading, double-click the setup/installer file (.pkg) and follow the on-screen instructions. Unlike Windows, Mac installer is code signed and notarized (verified that the publisher is trusted by Apple) and should get pass Apples Gate Keeper.

## Uninstall locations

Mac

Delete the Product's .vst3 file in: Library/Audio/Plug-ins/VST3

Delete the Product's .component file in: Library/Audio/Plug-ins/Component

Delete product's Preset folder in: (Finder menu Go To/computer ): Users/Shared/Time Razor

# Time Razor

## Activation

Make sure you are online. Activate your software by entering the license key that was emailed to you upon purchase. Enter the license key in the "Unlock/Trial Mode" screen and then click the "Unlock" button. If you have any issues with activation, please contact support.

Once activated, the "Trial Mode" screen will no longer appear when you load Time Razor.

## Trial Version

If you haven't purchased Time Razor yet, you can use it in trial mode by simply clicking the "Demo Mode" button on the "Unlock/Trial Mode" open screen. You'll need to do this each time you load Time Razor in your DAW. In trial mode, Time Razor will output 5 seconds of silence every 45 seconds, and saving is disabled. We hope you'll like what you see and hear enough to buy Time Razor.

We hope you will enjoy using  
Time Razor as much as we do.  
Be Good Audio

