

## Please Read This Before You Install

### Requirements:

- Macintosh: OS X 10.13 High Sierra or higher
- Windows: Microsoft Windows 7/Vista
- VST plug-in requires host with support for VST 2.4 or higher
- Audio Unit requires host with support for "Cocoa" based AU plug-ins
- AAX plug-in requires Pro Tools 11 or higher

### Trilian Software 1.5.0d

- Major Interface Update
  - New high-resolution GUI with support for HiDPI displays.
  - New interface design is easier to use
  - Up to 2X GUI Magnification options
  - Windows Multitouch Support
  - New Live Mode interface for touch screens
  - New Show Modulation pane opens modulation routings/sources on left side
  - New Layer Level Meters
  - New Stereo Part Level Meter
- New Synthesis Possibilities:
  - 11 new filter types:
    - State Variable Filter 12db and 24db
    - LPF Power 12db and 24db
    - HPF Power 12db and 24db
    - Bandpass Power 12db and 24db
    - Formant
    - Resonator-
    - Resonator+
  - Filter Variant control creates unique panning effects or changes the tone depending on Filter type.
  - Waveshaper with Crusher, Shaper and Reducer sections for versatile and musical polyphonic distortion.
  - Timbre Crush Mode for Polyphonic Bit-Crushing (Distortion) and filtering
  - Soundsource Reversing
  - Ring Modulation
  - Boost switch for deeper FM and RM capabilities and more aggressive timbres

- Shape, Symmetry and Sync functions for FM and RM
  - Doubled Harmonia voices
  - Doubled Mod Matrix
  - New Mod Matrix All Layers capability: when enabled, modulation applies to the relevant parameter in all layers
  - New Modulation sources: Bias, 3-Step and 4-Step, Constant, Constant Bipolar, multiple Random and Unipolar sources
  - Expanded Glide range
  - Phase Invert button on sublayer mixer in Soundsource Zoom
- Enhanced Browsing Experience:
    - New Mini-Browser lets you browse and edit sounds without switching pages.
    - New Full Browser has a cleaner layout
    - Sound Match™ feature instantly locates any related sounds in the library
    - Sound Lock™ allows endless useful variations by locking sound aspects while you browse
    - Remote control loading of patches and multis via MIDI Program Change, CCs or Notes
    - Fast Progressive Loading allows rapid auditioning
    - Boolean search options
    - New Audition Auto-Play feature enhancements
- New Arpeggiator Features
    - New Functions menu (Duplicate, Rotate, Reverse, Shuffle)
    - New Speed knob controls the offset to the host tempo
    - New Note Patterns (Join, Spread, Stairs Up, Stairs Down + 4 more)
    - New Play Modes (Loop, Chaos, Once)
    - New Octave options
    - New Step Modifiers (Transpose, Slide, Chords, Hi-Low & Step Dividers)
    - New Latch button
    - New Capture feature records the output of the Arpeggiator and exports it as a MIDI file
    - Arp Reset button can be modulated
- Flexible New FX Features:
    - New Aux FX rack per patch with Pre/Post fader sends
    - FX Parameters are Fully Modulatable
    - Bypass all effects by pressing the LED below FX button
    - Lock FX while browsing
    - Move effects within effects rack by dragging
    - New FX Unit Preset steppers

- New Sharing Options
  - Easy Sound/Project Sharing for collaborators and third party libraries
  - Publish Library feature allows users to easily export a library in a single .trilian package
  
- Improvements/Special Features:
  - Improved authorization process
  - Redo/Undo functionality
  - New Clear All Browser Learns action on Utility menu
  - Mode Stack Mode Note Regions option for Key Splits in Live Mode
  - Global Clock Speed (Halftime, Doubletime, etc)
  - Live Mode: New Single Sound option added to MIDI CC Mode and Key Select Mode menus
  - Use mouse wheel to scroll over menus items
  - Enable mouse-wheel scrolling on mod target Bias Point note menu
  - Show indication of when a control is waiting for MIDI learn to complete
  - Use mouse wheel to scroll over menus items
  - Enter Parameter Value feature
  - MIDI CC learn and host automation can now be used for parameters controlled by menus and radio buttons
  - Improved resolution of Attack, Decay & Release sliders
  - Increased resolution when using Shift key to adjust knobs/sliders values
  - Enlarge clickable region for some steppers to be more user-friendly
  - Adds up/down stepper arrows to Filter preset menu on Layer Page
  - Support for foreign-languages in patch names, tags, search, etc.
  - Utilize different tunings, including historical temperaments, microtonal scales, and user-created temperaments as well
  - New Pitch Options in the System page allows saving master tuning and scale selections in multis or host sessions
  - New Startup Directory menu in the System page allows you to select the Patch directory that is loaded at startup
  - Auto Recall option remembers the last library/directory from which user loaded a patch
  - New indicator on patch name showing if patch needs to be saved (asterisk after name)
  - Support for high-resolution CC values
  - Display Master Filter Frequency in Hz
  - Streaming improvements
  - Note Stealing improvements
  - macOS Big Sur compatibility
  - 64 Bit Only

\* NOTE: Patches saved in Trilian 1.5 are not compatible with earlier versions.

## Version History:

The previous updates added the following features and enhancements:

#### 1.4.5d

- Fixes issues with host automation parameters in Logic Pro 10.5
- Fixes bug where existing automation assignments were deleted after Unlearning an automation assignment
- Fixes bug where new automation IDs were incorrectly assigned after Unlearning an automation assignment
- Fixes intermittent crash when opening saved Logic Pro X projects on macOS 10.15
- Fixes bug where patches in user libraries were not listed in alphabetical order when STEAM was on an APFS drive
- Improved Authorization process and GUI layout

#### 1.4.4c

- Standalone: Fixes issue where Sample Rate menu displays incorrect values when changing between output devices
- Standalone: Adds explicit check for the AU component during the standalone startup sequence
- Standalone: Fixes issues where ASIO driver selection causes standalone app crash on Windows 10
- Standalone: Fixes issue where the Tempo slider interaction forced main plugin window in front of all other windows
- Standalone: Fixes issue where it could crash in some rare situations
- Installers: Improved DLM/USB installer so user cannot accidentally choose the source STEAM folder

#### 1.4.3f

- New Standalone application

#### 1.4.3d

- Support for Pro Tools AAX 64-bit platform
- "All Spectrasonics" Directory  
(browse all Spectrasonics sounds without third party tagging interference.)
- Directory Menu Separator between Factory/User Libraries
- Live and Stack dimming when not in use
- Interim support for sandboxed audio unit hosts (Garageband X/Logic X)
- Browser view mode crash in Pro Tools 11
- Copy/paste layer not disabled on multi page
- OSX Cursor problems
- Waveshaper crash with high input levels
- Layer link status saved in patch
- Sustain 2 mode
- Live mode dragged slot save/restore
- Search field requiring multiple clicks

- Mixer pan routing after part effects
- Filter Modulation Aliasing
- Filter preset menus interference
- Multi browser steppers
- Reference Guide link to online manual
- Patch ratings can't be changed

#### v1.4

- New 5-Column Browser view displays more sound categories and attributes simultaneously
- New "Recent User" Browser sorting option for User Patches
- User-assignable Legato Interval rule added in Soundsource Zoom
- 'Clone Part 1' feature added for use with multichannel MIDI controllers
- New "Clone Part 1 MIDI Controls and Make Omni" MIDI Learn function
- Added support for Polyphonic Aftertouch
- Modulation Envelope points can be key-command snapped to semitone when modulating pitch
- Independent modulation options added for Harmonia Levels/Fine Tuning
- "Reset Factory defaults and preferences" feature added to Utility menu
- Numerous compatibility, performance and support improvements

#### v1.3

- New "Latch" performance features for Live Stack modes allow notes from any part to be "frozen"
- New Trigger modes allow parts to be synchronized and quantized in real-time performance
- New "Sustain2" mode allows for much more realistic Rock-style Bass playing
- All Envelopes now have Groove Lock™ feature. Envelope Patterns can be created via drag and drop of MIDI Files
- New Browser 'Search Lock' and 'Search Clear' features improve workflow
- Numerous compatibility, performance and support improvements

## v1.2

- 64-bit native support with Mac OSX 64-bit hosts
- 32-bit Sample File Server - more memory access in 32-bit systems
- New Browser "Favorites" system with star ratings
- "Projects" quick tagging for easy sound organization
- New "Juicy" and "Power" synthesizer filter algorithms
- Triplets and Dotted values in Arpeggiator
- Tutorial Videos link in the Utility menu