

## The Glue by Cytomic

[www.cytomic.com/glue](http://www.cytomic.com/glue)

Updated: 16 May 2022

[support@cytomic.com](mailto:support@cytomic.com)

If you have trouble with installing or using of Cytomic software please email support and include the following information:

- Operating system and version (eg Win XP SP2 / Mac OS 10.8)
- CPU type (eg Intel i7)
- Host and version (eg Logic 8.0.2 64-bit)
- The version and type of The Glue you are using (eg The Glue v1.3.8 Audio Unit 64-bit).
- If you have a repeatable issue in using The Glue then please give a brief list of steps to reproduce the problem from a blank project with no other plugins but those that come with your host

### Known Issues

- On Mac hiding Digital Performer while plugin window is open still does not hide the plugin

### Release Notes

For installation instruction please refer to the included document "TheGlue-Manual.pdf" which is included in every download.

#### V1.5.8 (16 May 2022)

- Fix: Copy protection system bug that prevented recall of settings and automation.

#### V1.5.7 (11 May 2022)

- Fix: Obfuscated strings with extended characters now terminated correctly.
- Fix: Corrected some undefined behaviours in Juce v3 code.

#### V1.5.6 (20 April 2022)

- Fix: Found and removed more uses of possibly uninitialised static variables for path separators, which caused crashes on some systems.

#### V1.5.5 (16 February 2022)

- Fix: Updated Juce Library File class to not use possibly uninitialised static variables for path separators, which caused crashes on some systems.

#### V1.5.4 (15 February 2022)

- Fix: (Win only) Recompiled AAX library to use statically linked c++ Visual Studio 2015 runtime so separate installation of this is no longer required.

#### V1.5.3 (9 February 2022)

- New: Check for permissions problems by doing a test write and then read to the folder the plugin saves settings and authorisations. A dialog box will appear when opening the GUI to let people know clearly there is an issue, and provide a link to follow with steps to resolve the issue.

#### V1.5.2 (5 February 2022)

- Fixed: Reset now done only once (was incorrectly being called every process buffer which caused distortion).

### **V1.5.1 (4 February 2022)**

- Fixed: Auval works when authorised on macOS.
- Fixed: Drag and drop authorisation now works onto authorisation dialogue box, not just the main plugin window.
- Fixed: Plugin now resets all parameters correctly when requested by DAW (eg Reaper Take FX when looping).

### **V1.5.0 (13 November 2021)**

- Fixed: Machine ID on Windows now more reliable when changing network devices.

### **v1.4.2 (14 January 2020)**

- New: Changed trial limitations to only save when authorised, instead of only loading when authorised.
- Fixed: Prevented data loss when loading and saving songs when plugin is not authorised. If the plugin is authorised, and saves data to a song, then the plugin becomes un-authorised (eg new when loading on a new machine), the plugin will still load the saved data from the song, and save that exact same data back to the song so settings won't be lost.
- Fixed: improved machine id generation on macOS and Windows

### **v1.4.1 (10 August 2020)**

- Fixed: audio unit version plist has been updated so Logic can find the plugin without a reboot

### **v1.4.0 (15 June 2020)**

- New: Added extra checks on number of authorisation files saved. Old ones are now deleted to make room for new ones if needed
- New: Added extra dialogue box messages to help diagnose authorisation problems
- New: updated preset menu look and feel, support for right click on preset menu
- New: updated text entry to use built in control, not a control in a new overlaid window (hopefully better for new security measures)
- New: using new folder locations for presets and authorisations in line with recent security changes to macOS and Windows
- Fixed: presets now sorted alphabetically to next / prev button behave as expected

### **v1.3.19 (17 July 2017)**

- Fixed: sidechain input broken with oversampling

### **v1.3.18 (7 July 2017)**

- New: reduced oversampler latency to use the lowest possible to support current realtime and render oversampling amounts
- New: added advanced setting to allow dynamic updating of latency when switching between realtime and render – note: very few hosts support this, so this setting has to be manually changed in the settings.xml config file
- Fixed: uninitialised variable in linear phase oversampler

### **v1.3.17 (22 Jun 2017)**

- Fixed: uninitialised variable in minimum and intermediate phase oversampler
- Note: switched to using VS2015 for Windows Builds to work around static c runtime shutdown problems with the Juce library using VS2012

### **v1.3.16 (17 Jun 2017)**

- New: minimum phase and intermediate phase modes for oversampling
- New: global CPU meter

#### **v1.3.12 (16 Apr 2015)**

- New: HiDPI support on Win
- Fixed: changed library calls so plugin loads on Win XP
- Fixed: more robust machine id generation on Mac

#### **V1.3.11 (8 Apr 2015)**

- Fixed: Mono SC (side-chain) oversampling working again

#### **v1.3.10 (6 Apr 2015)**

- Fixed: presets from older versions now recall properly in Cubase song files

#### **v1.3.9 (3 Apr 2015)**

- Fixed: Win plugin will now load on machines without Visual Studio 2012 redistributable installed
- Fixed: Mac VST plugin now gets keyboard focus when entering text values

#### **v1.3.8 (1 Apr 2015)**

- Fixed: mono AU working in DP 7/8

#### **v1.3.7 (30 Mar 2015)**

- Fixed: mono VST version now working properly
- Fixed: redraw issues on resize of interface with VST version in Live on Mac
- Trying: removed PACE signing on VST builds to see if that helps with customers having issues getting Studio One v2 on Win 8 and Cubase 6.5 on Win 7 to be recognised.

#### **v1.3.6 (26 Mar 2015)**

- Fixed: better generation of auth machine ids on Windows to avoid clashes without salt

#### **v1.3.5 (25 Mar 2015)**

- Fixed: AAX mono plugin id so mono RTAS tracks translate over to the AAX plugin
- Fixed: Windows AAX library now built against XP SDK, so plugin loads on XP machines again
- Fixed: removed salt from machine id so reformat of machine won't trigger a new auth

#### **v1.3.4 (23 Mar 2015)**

- Fixed: transient behaviour returned to null with old version
- Fixed: added back shift key modifier for fine movement of drag and mouse wheel

#### **v1.3.3 (21 Mar 2015)**

- Fixed: saved Attack and Release settings now recall correctly
- Fixed: double clicking on ring labels of Attack, Ratio, and Release now working again

#### **v1.3.2 (20 Mar 2015)**

- Fixed: host bypass and plugin power button now work again

### **v1.3.1 (20 Mar 2015)**

- New: fully scalable user interface
- New: retina display support on Mac
- New: AAX Native version
- New: password protected copy protection to support code signing and AAX

### **v1.2.9 (10 Sep 2013)**

- New: can now click to reset the state of the I/O checking indicator
- Fixed: random crashes in re-sampler, mostly on 32-bit version
- Fixed: sometimes reporting incorrect oversampling latency when base sample rate higher than 48 khz

### **v1.2.8 (30 Jul 2013)**

- New: optional checking of all input and output buffers for invalid numbers
- Fixed: re-connected host bypass button for VST version (was lost in Juce update)
- Fixed: re-connected latency reporting for AU version (was lost in Juce update)

### **v1.2.7 (15 Jul 2013)**

- New: preset menu now contains a list of available presets sorted by categories
- New: optional dc blocking in the main signal path
- New: updated to latest Juce framework for greater compatibility
- Fixed: bug in oversampling that could cause silence or crashes under certain conditions

### **v1.2.1**

- New: Mac OS 10.7 (Lion) officially supported
- New: ProTools 10 officially supported for RTAS plugins (AAX still to come)
- New: latency for oversampling has fixed length for better support of various hosts
- New: now uses operating system standard dialog boxes for better accessibility
- Fixed: all keystrokes now passed through to all hosts in AU version
- Fixed: RTAS not loading on Windows 7 machines
- Fixed: bug that prevented preset "Load..." from working
- Fixed: mouse over values for knobs now display correctly

### **v1.1.6**

- New: Mac 64-bit VST plugin type
- New: improved smoothing algorithm now uses a 2 pole low pass filter on parameter changes
- New: slightly improved cpu performance
- Fixed: crash when creating a new instance of The Glue with oversampling enabled by default
- Fixed: slow redraws on P4 machines
- Fixed: auto release working again, was broken in v1.1.5
- Known issue: no presets included in this build. If you don't have presets then please install v1.1.3 and load a single copy in any host and the presets will be installed. You may then use v1.1.5 as normal

### **v1.1.5**

- Fixed: controls now re-drawn in correct position after loading a preset
- Fixed: you can now use both the AU and VST version at the same time in hosts that support both (eg: Ableton Live or Studio One)

#### **v1.1.4**

- New: smoothed Threshold, Makeup, Range, Mix, and Sidechain HP controls so no pops, clicks, or zipper noise when adjusted from gui or automated
- Fixed: removed CPU spikes when drawing the graphical user interface on Mac
- Fixed: removed CPU spikes on first play, and when switching oversampling amounts
- Fixed: preset menu not showing with some hosts on PPC
- Fixed: reduced memory footprint with large oversampling amounts with large host buffer sizes
- Known issue: you cannot use both the AU and VST version at the same time in hosts that support both (eg: Ableton Live or Studio One)

#### **v1.1.3**

- Fixed: mono oversampling now working that was broken in v1.1.2
- Fixed: hang on render in Cubase and Nuendo by not reporting latency change during render. Until Steinberg fix the issue at their end renders will not have correct automatic latency correction

#### **v1.1.2**

- New: updated linear phase high quality oversampling to support up to 12 MHz (x256) – note that x2 is recommended for Realtime and x8 is recommended for Render
- New: slightly improved preset handling with next and previous buttons
- Fixed: unwanted smoothing of Mix and Makeup Gain on first process block
- Fixed: needle is now reset of when not processing audio
- Fixed: detection of offline rendering in Reaper and Sonar
- Fixed: reporting of dynamic latency in VST version in Live and possibly other hosts

#### **v1.1.1**

- Fixed: bug in RTAS version only that disabled the external sidechain in v1.1.0

#### **v1.1.0**

- New: linear phase high quality oversampling up to 768 kHz
- Fixed: freeze on render in Wavelab 7
- Fixed: denormal bug causing extra cpu usage with long sections of silence
- Fixed: improved Pro Tools HD compatibility

#### **v1.0.18**

- Fixed: stopped writing of debugging file "LastLoadedXml.txt" to desktop

#### **v1.0.17**

- Fixed: bug in new auto release algorithm that caused wasted cpu
- Fixed: support for OS 10.4 for non 64-bit builds on Mac (wasn't working in v1.0.16)
- Fixed: now correctly loads Cubase settings that were saved with v1.0.15 or earlier

#### **v1.0.16**

- New: improved auto release with lower cpu and lower aliasing
- New: Improved analog modeling for analog sounding attacks
- New: Optimised analog modeling for greater efficiency
- New: 64-bit Mac Au
- New: 64-bit Win Vst
- New: Double click on outer notches of controls to jump to that value
- New: Double click in the centre of controls to enter text values
- New: Peak needle, optional, click on the VU to toggle
- New: Needle drawing with more accurate motion blur
- New: Logic 5.x support on Win (no ext sidechain)

- New: Adobe Premiere support (no ext sidechain)
- New: Wavelab 5.x support (no ext sidechain)
- Fixed: Wavelab 6 no longer hangs on startup
- Fixed: Keystrokes are passed to host more reliably
- Fixed: auto update of settings from v1.0.15 and before and match the threshold

Thanks for using Cytomic stuff in your productions, and for the continued helpful feedback :-)

All the best,

Andrew Simper

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