

## The Drop by Cytomic

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

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

**Make sure to Authorise using a blank project before loading any saved projects, otherwise you can lose your settings!**

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 7 sp2 / Mac OS 10.8)
- CPU type (Intel i7)
- Host and version (eg Logic 8.0.2 64-bit)
- The version and type of The Drop you are using (eg The Drop v1.0.11 Audio Unit 64-bit).
- If you have a repeatable issue in using The Drop 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:

- no MIDI learn, this will be added to an update
- 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 "TheDrop-Manual.pdf" which is included in every download.

#### v1.5.8 (9 Aug 2017)

- New: basic expression evaluation for all numeric text input on controls eg: you can type "4\*(1+1/3)" to get "5.3333333"
- Fixed: upper bound on Pre and Post gain knobs back to +24 dB (was +36 dB)

#### v1.5.7 (3 Aug 2017)

- New: Beat 1 legato beat sync for LFO1 and LFO2
- Fixed: more stable song position for beat sync of LFOs
- Fixed: midi message processing causing possible buffer overruns and odd random issues
- Fixed: resizing window on Windows 7/8 with below 150% desktop scaling on HiDPI displays

#### v1.5.6 (18 July 2017)

- Fixed: sidechain input broken with oversampling
- Fixed: trigger to LFO2 now re-randomises even if full cycle hasn't completed yet

#### v1.5.5 (5 July 2017)

- New: added MOD button to enable / disable the entire mod section and change the size of the user interface to hide all the mods when bypassed
- New: Res Shift trimpot for adjusting the LP and HP resonance together, useful for DJ applications

- 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: the cutoff of the filters now remain strictly mono for mono inputs if SHIFT or stereo modulation aren't used
- Fixed: uninitialised variable in linear phase oversampler

#### **v1.5.4 (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

#### **v1.5.3 (17 Jun 2017)**

- New: minimum phase and intermediate phase modes for oversampling
- New: global CPU meter
- New: AAX build with new filters types
- Fixed: drive led on MS1 circuit

#### **v1.5.2 (29 Dec 2016)**

- Fixed: Shift / Spread in Wide mode didn't recall correctly

#### **v1.5.1 (27 Dec 2016)**

- Fixed: trig and gate modes not working in Env1 and Env2

#### **v1.5.0 (24 Dec 2016)**

- New: filter models KSM, WSP, AMU
- New: resonance boost “trimpot” to increase self oscillation range from 125% to 200% (the 0%-100% operation stays constant)
- New: MD and HD modes for all filters
- New: SSE optimised over-sampler
- New: CPU meters
- New: cramped responses properly drawn in visualiser
- New: LFO1 phase control and advanced triggering
- New: improved beat triggering of LFOs
- New: wide button to increase the range of the shift and spread knobs
- New: improved machine id generation on Win and Mac
- Note: Win XP support has ended with this build

#### **v1.0.16 (16 Arp 2015)**

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

#### **v1.0.15 (8 Arp 2015)**

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

#### **v1.0.14 (6 Arp 2015)**

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

#### **v1.0.13 (3 Arp 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

#### **v1.0.12 (2 Apr 2015)**

- Fixed: filter resonance display
- Fixed: filters back in correct order

#### **v1.0.11 (1 Apr 2015)**

- New: retina display support on Mac
- New: AAX Native version
- Fixed: pad button now recalls correctly in songs
- Fixed: mono AU working in DP 7/8
- Fixed: updated generation of machine id to avoid clashes
- 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.

#### **v1.0.8 (22 Nov 2014)**

- Fixed: Loading presets now defaults Routing to Serial and Step ShSp to off so that Factory presets load as expected

#### **v1.0.7 (21 Nov 2014)**

- New: Parallel and Serial processing, previously only Serial
- New: Smoothing of Shift and Spread knobs with Glide, addition of Step button to bypass this smoothing
- New: Mouse wheel support for changing Hp/Lp Circuit, Lfo2 Pattern, and Lfo2 Steps
- Fixed: AU version not recalling parameters correctly (most evident in Live)
- Fixed: Level controls for LFO1/2 now work properly once Env1/2 finish

#### **v1.0.6 (27 Oct 2014)**

- New: Way too much to list since I was too busy doing it all
- Fixed: Oversampling now stays put when loading presets
- Fixed: Silence detection now works properly for fast decaying sources, previously a chunk of non-silent buffer was looped creating a buzzing sound on the tail of fast decaying sources

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

--- Andrew Simper