The Drop by Cytomic
www.cytomic.com/drop
Updated: Dec 12, 2017
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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.

v1.5.10 (12 Dec 2017)

- Fixed: Env1 and Env2 triggering issue from MIDI as the source of only one of the envelopes
- Fixed: (Win only) built against v140_xp SDK on for Windows 7 support

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 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