

## Firmware Update history

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[January 2026]

- Fixed an issue where residual trails persist unnaturally if "Bypass Trails" is disabled.
- Fixed a 'distorted sound' bug when Nimbus Delay is coupled with Aether Reverb in parallel configuration.

[December 2025]

- 1.7.17 - Fixed the display bug when operating the touch slider.
- Fixed an issue where the pedal does not respond to reverb's 'Predelay' parameter changes made via MIDI or SV Studio.

[November 2025]

- 1.7.16 - When adjusting a parameter value, an indication is now provided on the screen and the tempo LED when you reach the value that was saved in the current preset.
- Tempo of the engine running a delay algorithm, with its tempo mode set to "Free/Preset" will now be shown on the tap-tempo information scene.
- Added an option in the tempo configuration menu to save the current global tempo, which will be used as the initial global tempo on power up.
- Extended the Dynamics Threshold parameter lower limit to -44 dB.
- Fixed an issue where Dynamics processing on DSP-Y can't be turned on/off using the SV Studio editor.

[October 2025]

- 1.7.15 - Fixed MIDI CC#7 bug.

[October 2025]

- 1.7.14 - Fixed expression pedal bug.

[October 2025]

- 1.7.13 - Fixed the pops/clicks artifacts in the Tape delay algorithm that appear when Crinkle parameter is non-zero.
- Further refined the compression characteristic of the Tape delay algorithm.
- Fixed the LR balance issue in the Ping-Pong delay algorithm.
- Fixed the Predelay issues in the reverb algorithms.
- Expression pedal operation no longer affects the 'Previous Value' information of a parameter.
- Fixed a minor issue where DSP does not immediately follow the global tempo after tempo mode is switched from Free to Synced.

[September 2025]

- 1.7.12 - Fixed looper instability when switching back and forth between normal speed and double speed mode.

[September 2025]

- 1.7.11 - Fixed a bug where delay presets not syncing to global tempo on preset call.
- Fixed delay time issue when loading a delay effect

preset with delay time parameter set to minimum.  
    - Refined the compression effect on Tape Delay algorithm.

[September 2025]

1.7.10 - Fixed tap tempo bug.  
    - Fixed delay time issue when loading a delay effect  
        preset with delay time parameter set to minimum.

[August 2025]

1.7.9 - Improved system error handling and recovery.

[August 2025]

1.7.8 - Fixed inadvertent tempo glitch that can potentially occur  
    when executing bank-up using the on-board footswitches.  
    - Fixed an issue where turning off a DSP may cause  
        that DSP to stay off in the following preset call.  
    - Improved operational stability.

[August 2025]

1.7.7 - Fixed jumpy/jittery tap-tempo issue.  
    - Fixed a bug in looper track erase operation.  
    - Fixed a bug in looper Reverse mode operation.  
    - Fixed a bug in looper Record operation when  
        running certain algorithm combinations.  
    - Tweaked the Shimmer algorithm for improved  
        balance and gain staging.

[July 2025]

1.7.6 - Improved operational stability.

[July 2025]

1.7.5 - Improved operational stability.  
    - Fixed glitching that could occur when hot-unplugging the  
        Aux switches cable.

[July 2025]

1.7.4 - Fixed spurious glitches in Tape delay operation when the  
    Crinkle parameter is set to a value greater than 0.  
    - Fixed a bug with the Tape delay algorithm when run on DSP-Y.

[June 2025]

1.7.3 - Fixed a bug with auto-ramping operation.  
    - Fixed intermittent crashing when loading an external preset.

[May 2025]

1.7.2 - Fixed a bug in the Infinity reverb algorithm.  
    - Fixed an issue where loading the same preset after an  
        algorithm change causes the pedal to lock up.

[May 2025]

1.7.1 - Added Nimbus Delay algorithm.  
    - Added Swell and Infinity Reverb algorithms.  
    - Improved the Tone control on the Tape Delay algorithm.  
    - Lowered the minimum delay time of delay algorithms to 30 ms.

- Added an Aux switch function to start/stop audio capture operation in the Infinity Reverb algorithm.
- Added a MIDI function to start/stop audio capture operation in the Infinity Reverb algorithm.
- Added an option in Global Settings to disable or enable Exp2 display update.
  - Fixed intermittent loss of DSP-Y knobs function on power up.
  - Fixed tempo data mis-interpretation issue between pedal/editor.

[Apr 2025]

- 1.6.1
- Fixed SV Studio communication issues when using Stompbox Mode.
  - Fixed looper parameters changed via SV Studio not received by the pedal.
  - Fixed looper PLAY function bug.

[Feb 2025]

- 1.6.0
- Added Input Level Trim control (in Options menu).
  - Fixed intermittent USB disconnection.
  - Calling the same preset as the one currently used will now restore the state as was saved in the preset.
  - Fixed crackling noises that appear in some algorithms when the input signal level is very hot.

[Jan 2025]

- 1.5.0
- Fixed tempo glitch during preset change with midi clock active.
  - Fixed tempo glitch when delay time is set close to 60ms for certain delay and reverb algorithms.
  - Fixed 'Predelay' parameter bug in Chamber algorithm.
  - Fixed 'Voice Intensity' parameter in Spatium algorithm.
  - Fixed Crinkle parameter bug in Tape Delay algorithm.
  - Fixed Dry Level control bug in Dual Mono routing.
  - Changed the wording for MIDI Out Pin selection from 'Tip Active' to 'Type-A (standard)', and 'Ring Active' to 'Type-B'.
  - Improved operational stability.

[Jan 2025]

- 1.4.0
- Added Bank-Change display option in Global settings.
  - Added Looper volume control via MIDI.
  - Added Sum-to-Mono control via MIDI.
  - Fixed 'Crinkle' parameter issue in Tape algorithm.
  - Fixed looper audio freezing issue.
  - Fixed an issue where certain global configurations are not working.

[Dec 2024]

- 1.3.1
- Fixed 'Crinkle' parameter behavior in Tape algorithm.

[Dec 2024]

- 1.3.0
- Fixed preset save issues.
  - Fixed incorrect tempo bug when switching presets.

[Dec 2024]

- 1.2.0 - Added interfacing with the SV Studio editor software.
- Added 'Auto Ramping' function.
  - Added MIDI-CC commands for Auto Ramping functions.
  - Added MIDI-CC commands for Bank Scroll function.
  - Added Looper operation capability via Aux switches.
  - Added Looper operation capability via MIDI.
  - Added 'Aux Switch Theme' to Global Settings.
  - Fixed MIDI clock reception issue.
  - Fixed incorrect parameter labels for Dual D2D delay.
  - Fixed incorrect LED update on X side when changing preset.
  - Fixed tempo LED flashing bug.

[Nov 2024]

- 1.0.1 - Improved footswitches handling robustness.
- Fixed bug with tap-tempo operation via Aux switch.
  - Fixed bug with CC#4 / CC#21 when used with reverbs.
  - Improved looper operation stability.

[Oct 2024]

- 1.0.0 - First release firmware.