XSIDFX · DELAY

Delay

A tempo-synced stereo delay with filters, modulation and ping-pong.

Delay repeats the sound in time with the song or in milliseconds, in mono, stereo or ping-pong, with filters and gentle modulation in the feedback loop and a soft limit that keeps even full feedback in bounds.

Getting started

1. Keep Sync on and choose a note length; set Feedback for how many repeats and Mix for how loud.

The main screen



Delay, the main screen.

Controls

Sync / ms	Note lengths from the DAW's tempo (Straight, Triplet, Dotted), or 1 to 4000 ms.
Stereo	Mono, Stereo, Ping-pong.
Offset	Shifts the right side, plus or minus 50 ms.
Feedback	How many repeats.
Low cut, High cut	Filters inside the loop: each repeat darker or thinner.

Mod rate, Mod depth	A slow wobble of the time, as tape does.
Mix	Up to 50 % the dry stays full while the echo grows.

Settings

The gear in the header opens the settings panel; it covers the lower panel until the gear is clicked again.

Time change	Fade (crossfades to a new time) or Glide (slides like tape, bending the pitch).



Delay, the settings panel.

What the screen shows

A click's echoes along a time line, left side above, right side below, with the tempo's beats.



Time in milliseconds, Ping-pong.

Tips

- A dotted eighth with Ping-pong is the classic wide rhythmic echo.

Technical notes

- Up to 10 seconds of echo; tempo read from the host every block.

Common to every plugin of the pack

The header
Every window opens with the same header. On the left a dot-matrix display shows the main reading large and the details under it; text that does not fit scrolls. Next to it a hint with a coloured dot says what the plugin is doing or what to do next. On the right: Undo and Redo arrows (up to 100 steps of everything done in the window), the Bypass button, and the gear, which opens the plugin's settings panel when it has one.

Bypass
With Bypass lit, the plugin lets the sound through untouched. It is the same switch as your DAW's own bypass for the plugin, so either can be used and automated. The input is held back by exactly the plugin's latency, so the timing stays right, and switching fades over 10 ms, so it never clicks. Bypass is not part of Undo.

Input and Output
Most plugins have a column on the right with a pair of VU meters for the input and the output, each with its own gain knob (plus or minus 24 dB). Analog shows the classic VU scale, dBFS the digital one. A click on a meter opens a large view of it. The CLIP lamp lights when a sample reaches 0 dBFS.

Knobs
Drag a knob up or down to turn it. Knobs that go both ways, or that have a natural middle, catch briefly at their centre. A double-click returns a knob to its default.

About and the demo
A click on the xsidfx logo in the footer opens About. In the demo version the plugin's name ends in (demo), its settings are not saved with your project, and About opens each time the window does.