XSIDFX · GENERATOR

Tape

The sound of a tape: hiss, wow, flutter and dropouts.

Tape adds a running tape's noise and instability: hiss with an adjustable colour, slow wow, quick flutter and dropouts where the oxide is worn. For tape's saturation, use Tape Machine.

Getting started

1 Choose the speed, set Hiss, then Wow and Flutter for the movement.

The main screen



Tape, the main screen.

Controls

Speed	7.5, 15 or 30 ips: faster means less hiss and quicker wobble.
Hiss, Tone	The noise and its colour.
Wow	Slow pitch drift.
Flutter	Quick pitch flutter.
Dropouts	Short dips in level.

Settings

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

Width How different the noise is on the two sides.



Tape, the settings panel.

What the screen shows

Two turning reels, and the pitch over the last four seconds with the dropouts hanging from the top.

Tips

- Combine with Tape Machine for the whole tape experience.

Technical notes

- 8 ms of delay for the wavering; the DAW is told.

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.