XSIDFX · EQ

3-Band Equalizer

Three knobs, Low, Mid and High, and a curve that shows exactly what they do.

The simplest of the pack's equalisers: a low shelf at 120 Hz, a bell at 1 kHz and a high shelf at 8 kHz, each up to 12 dB either way, with the resulting curve over the output's spectrum.

Getting started

1. Turn Low, Mid or High; the curve follows. A double-click returns a knob to flat.

The main screen



3-Band Equalizer, the main screen.

Controls

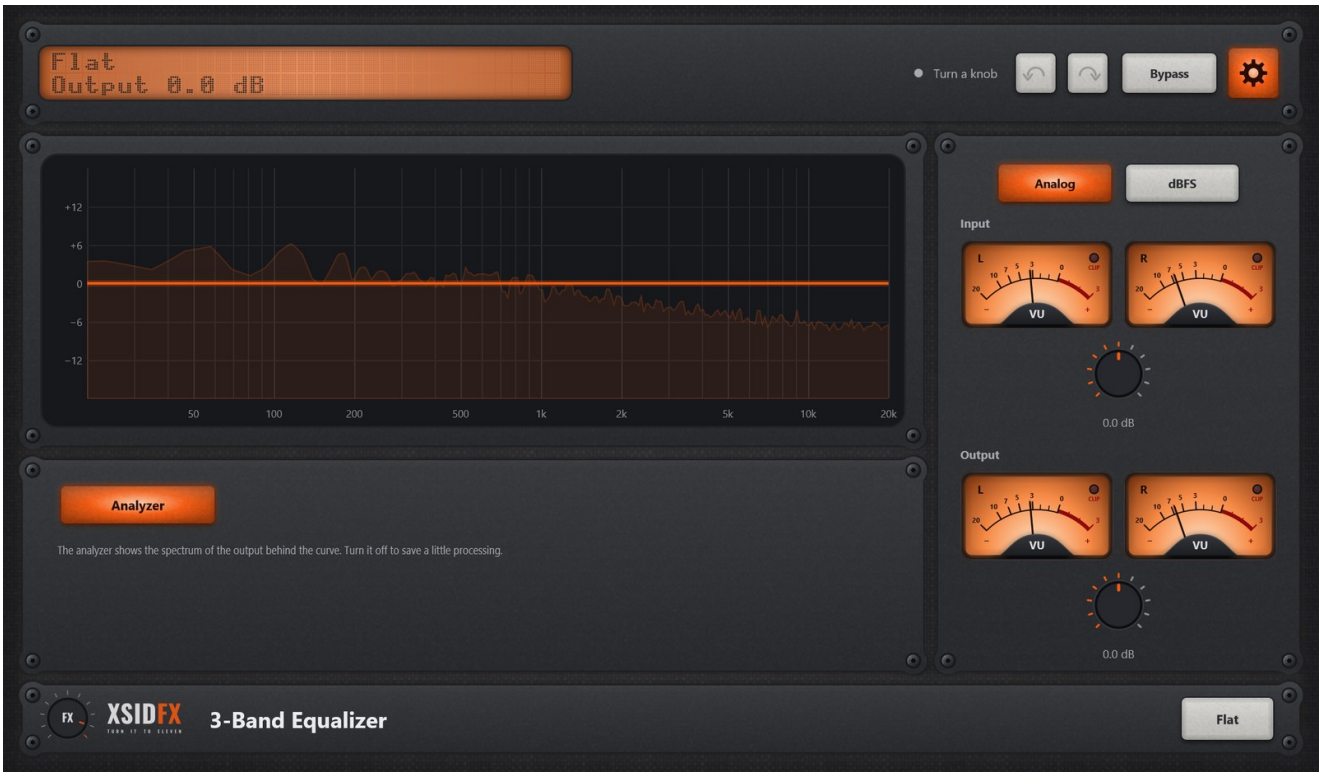
Low	Low shelf at 120 Hz.
Mid	Bell at 1 kHz, Q 0.7.
High	High shelf at 8 kHz.

Settings

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

Analyzer	The output's spectrum behind the curve, on or off.

Output	The level after the equaliser, plus or minus 12 dB.



3-Band Equalizer, the settings panel.

What the screen shows

The curve shows the equaliser's response, drawn from the very filters that process the sound.

Tips

- A flat equaliser changes no bit of the sound.

Technical notes

- RBJ cookbook filters; changes glide over about 30 ms, so moving a knob never clicks.

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.