

SSL FUSION VIOLET EQ

Solid State Logic
OXFORD • ENGLAND



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USER GUIDE

SSL FUSION VIOLET EQ

The SSL FUSION Violet EQ plug-in is a **musical** and **intuitive two-band shelving EQ** with **minimum phase-shift**.



FUSION ANALOGUE COLOUR WHAT IS SSL FUSION?

SSL FUSION is a hardware mix bus processor, delivering five powerful analogue colouration tools — Vintage Drive, Violet EQ, HF Compressor, Stereo Image enhancer, and SSL Transformer — from SSL, the Masters of Analogue.

find out more @

<https://www.solidstatellogic.com/products/fusion>

The 5 colors of SSL FUSION AKA the “Analogue Hit List”



VINTAGE DRIVE

Additional harmonics and gradual saturation that emerge from an analogue ‘sweet spot’.



VIOLET EQ

A rich analogue EQ with gentle shelving filters.



HF COMPRESSOR

Smooth top-end rounding, in the analogue domain.



STEREO IMAGE

Wider stereo imaging with depth via true Mid/Side processing.



TRANSFORMER

Add that transformer mojo.



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1



2

1 INPUT METER

Input metering from -60 to 0 dBFS, with 3s peak hold for a clear indication of peaks.

2 INPUT TRIM

Applies a gain to the input signal.

3 OUTPUT METER

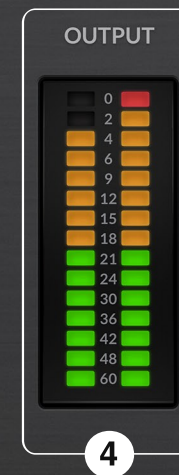
Output metering from -60 to 0 dBFS, with 3s peak hold for a clear indication of peaks.

4 OUTPUT TRIM

Applies a gain to the output signal.



3



4

FUSION
ANALOGUE COLOUR

UNDO REDO A B Default Preset

5 HPF

The High Pass Filter removes sub-frequency content, using a 3rd order/18dB per octave slope filter.

6 'FAT'

Adds subtle 'oomph' to the low-end when the HPF is switched in, by introducing a subtle resonance around the cut-off frequency.



5



7

LOW



dB

6



9

HIGH



dB

8

7 LOW SHELF

-9 to +9 dB of gain, the LOW band offers choices of 30, 50, 70 or 90 Hz.

8 BYPASS

Bypasses all plug-in processing.

9 HIGH SHELF

-9 to +9 dB of gain, the HIGH band offers choices of 8, 12, 16 and 20 kHz.

UNDO REDO A B Default Preset

THE SSL PLUG-IN ENGINE

1 UNDO/REDO

Reverse a mistake, or redo it. Happy accidents can sometimes lead to great things.

2 A/B

Toggles between two presets. Useful for comparing between two parameter settings.

3 PRESET MENU

Use the arrows to cycle through presets.

Click to open the Preset Menu...

LOAD *load a preset from a file*

SAVE *overwrite the current preset*

SAVE AS... *save a preset*

SAVE AS DEFAULT *overwrite the default*

COPY X TO Y *copy presets between A/B*

4 ECO MODE

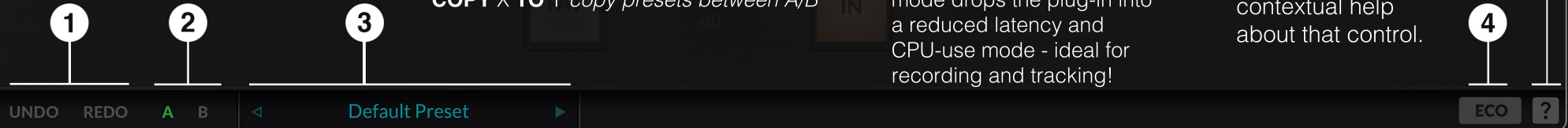
If a plug-in has an 'ECO' button, this means that there's some clever DSP, such as oversampling, going on under the hood. This is why it sounds so good!

Putting the plug-in into ECO mode drops the plug-in into a reduced latency and CPU-use mode - ideal for recording and tracking!

5 BUILT-IN HELP

As a traditional user guide, it's not really in my best interest to mention this, but...

Click the '?' and mouse over ANY control in the plug-in GUI to see some contextual help about that control.



TIPS & TRICKS

The design of the Violet EQ module draws on the SSL legacy of carefully selected frequencies and response curves, to create a musical and intuitive EQ.

FULL MIX CONTENT

In the LOW band, full mixes tend to benefit from a modest amount of 30, 50 or 70 Hz to add weight.

In the HIGH band, 8 and 12 kHz are good starting points for adding tasteful amounts of high-end.

One of the most common practices in production is to mix into an EQ that adds a little bit of top and bottom-end - and the SSL Fusion's Violet EQ module is designed specifically for that purpose!

'FAT' CONTROL

The additional 'FAT' control drops the high-pass filter into 'FAT' mode. This mode subtly increase the HPF Q factor, introducing a gentle resonance and giving it 'oomph' to the low-end when the HPF is switched in.



Visit SSL at: www.solidstatelogic.com

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E&OE.