


SSL FUSION TRANSFORMER


Solid State Logic
OXFORD • ENGLAND



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USER GUIDE





1 INPUT

2 INPUT TRIM

3 BYPASS


4 LF EXTEND

1 I/O METERS
Segmented I/O metering, with 3s peak hold for a clear indication of peaks.

2 INPUT/OUTPUT TRIM
Applies a gain to the input/output signals.

3 BYPASS
Switch out to bypass plug-in processing.

4 LF EXTEND
Bypasses the dynamic LF roll-off – a natural low-end roll off that occurs as you drive the transformer circuit.



2 OUTPUT TRIM

4 LF EXTEND

1 OUTPUT

FUSION
ANALOGUE COLOUR

UNDO REDO A B
Default Preset
Help

5 DISTORTION METER

The distortion meter is an indication of the THD (Total Harmonic Distortion) of the signal.

The THD has been abstracted to a value from 0 to 100, scaling it to the levels of expected distortion produced by the transformer circuit.

Higher values indicate a greater level of of harmonics being introduced to the signal.



5 DISTORTION METER

6 SHINE

7 AMOUNT

8 MIX

6 SHINE
Augments or reduces the high-end sheen and phase shift introduced by the transformer. Values above 100% accentuate the effect beyond the original circuit, and values below reduce them.

7 AMOUNT
Augments or reduces the harmonic distortion. Values above 100% drive the circuit harder, and values below reduce their level.

8 MIX
Blends between the processed and unprocessed signals.

UNDO REDO A B
Default Preset
Help

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

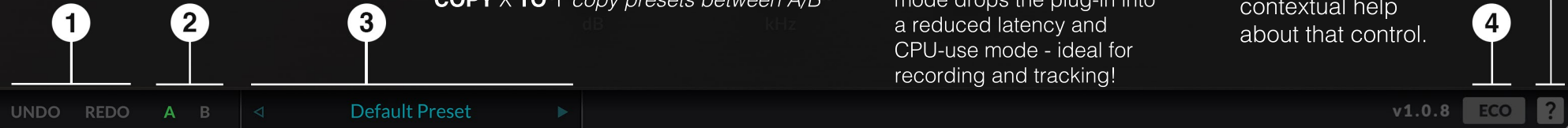
If a plug-in has an 'ECO' button, this means that there's some clever DSP, such as oversampling, going on under the hood. This is why it sounds so good!

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 interests 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 Fusion features a custom-designed SSL transformer circuit.

The 600 ohm, 1:1 winding transformer and surrounding circuitry adds low-end harmonics and a favourable top-end phase-shift to the sound.

The underdamping of the transformer also adds a subtle 'weight' to the sound, and the natural low-end roll of as level increases is quite often (but not always!) welcome in keeping the bottom-end in check.

IMPOSSIBLE TO 'OVERDO'

The SSL Transformer plug-in means that you can now add that 'transformer mojo' to EVERY track in your mix.

Although the difference can be quite subtle at default settings, the this quickly adds up across an entire session and can transform - pun intended! - your mix by introducing subtle and music vibe that knocks off that 'digital edge'.

You'll find it hard to overcook this one - but its cumulative effect will give you a polished sound with very little effort.

SHINE and LF EXTEND

The SHINE and LF EXTEND parameters add versatility and excitement beyond the original hardware unit. Use SHINE to add high presence that is less harsh than a 'traditional' EQ, and LF EXTEND to retain a thick, warm low-end.

EXAMPLE USE CASES

- Instantly create depth ing gritty rhythm guitar groups without making them brittle of bitey.
- Add subtle and smooth harmonics to vocals.
- Sounds great on drums - use the SHINE control to improve top-end and cymbals, or drum spot mics.
- Push the input gain and reduce the output on sparse mixes (such as Jazz) for a cool-vibe.

Visit SSL at: www.solidstatelogic.com

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E&OE.

SSL FUSION

TRANSFORMER

The SSL FUSION Transformer plug-in **adds gentle low-frequency harmonic saturation and high-end sheen to your signals.**



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.



YOU ARE
HERE