

# THE BUS+

## Quickstart Guide



# Thank you for purchasing THE BUS+

THE BUS+ takes the classic SSL Bus Compressor and enriches it with an abundance of new sonic options, control and flexibility to match the needs of today's mixing and mastering engineers. If that wasn't enough, THE BUS+ also features a completely new and powerful 2-band Dynamic EQ (D-EQ), making it an incredibly versatile analogue processor. To download the in-depth user guide, head to the SSL website.

## LOW THD, F/B, 4K MODE

3 different sonic options for shaping the overall sound of the compressor. LOW THD provides a cleaner bottom-end, F/B offers a more 'relaxed' style of compression and 4K MODE adds character and variable harmonic content.

## VARIABLE SIDCHAIN HIGH PASS FILTER

Control the amount of low-end triggering the sidechain with the variable S/C HPF.

## MO

Choose the mo  
for the compr  
Stereo,  $\Sigma$ S/C  
Mono or



## MORE RATIO OPTIONS

Expanding on the classic RATIO settings, are new options perfect for Mastering (1.3:1, 1.5:1) and creative effects (-2.5, -1.5 and -0.5), as well as all the classic mix bus ratios.

## MIX

Easily dial in parallel compression.

## HONE THE TIME CONSTANTS

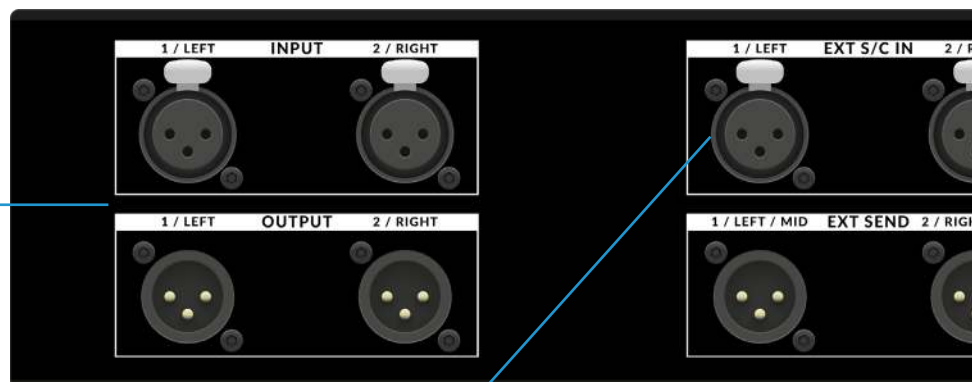
More ATTACK and RELEASE options than ever before. Try .05s RELEASE on drums or AUTO 2 on a mix.

## D-EQ

2-band Dynamic EQ with LF knob to engage and then turn left or right to start expanding. feedback on the amount of Push and hold the knob and in the centre of the unit to Range settings f

## BALANCED XLR I/O

Connect THE BUS+ as a hardware insert across your audio interface or analogue desk.



## EXTERNAL SIDCHAIN INPUTS

Connect external sources you would like to trigger the sidechain from.

# RECALLABILITY & MASTERING-GRADE PRECISION

THE BUS+ is an all-analogue processor with a twist. The stepped pots on THE BUS+ are read by an on-board micro-controller, that in turn controls the analogue circuitry. You may be familiar with the term 'digitally-controlled analogue'... this is what THE BUS+ is. Not only are the stepped pots on THE BUS+ easy to recall but in general, the digitally-controlled analogue approach gives THE BUS+ immunity from pot tolerances, helping to eliminate stereo mis-match and ensuring precise control. This approach is extended to the front panel buttons: electronic switches are driven from the micro-controller, providing clean and reliable switching that you can rely upon for many years to come.

**MODE**  
Mode of operation  
Stereo - Classic  
Stereo, Dual  
Mid Side.

**MOVING-COIL METER**  
Displays Gain Reduction  
for the Bus Compressor or  
Frequency/Range settings  
when configuring the  
D-EQ.

**POST D-EQ**  
The Bus Compressor can be  
positioned before or after the D-EQ  
for processing order flexibility.

**MAKE-UP**  
Push and hold to switch the  
MAKE-UP control between coarse  
(1dB) and fine (0.5 dB) steps.

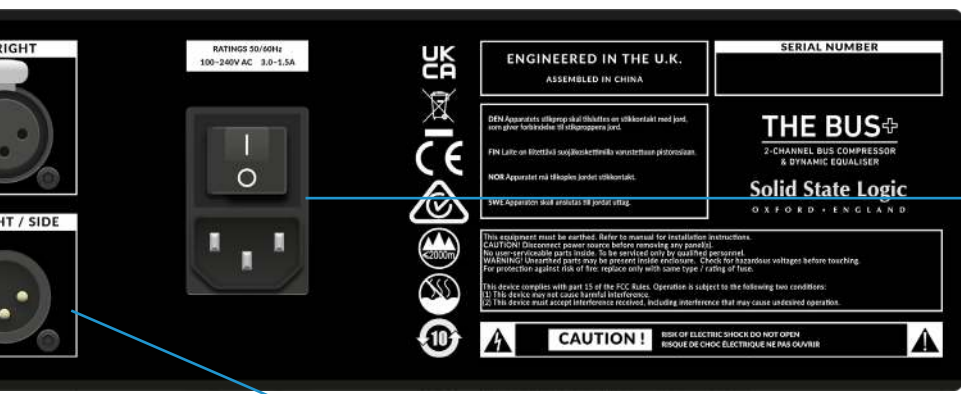


**D-EQ**  
LF and HF bands. Push the  
knob left to start compressing  
the signal. Tri-colour LEDs provide  
visual feedback of processing being applied.  
Use the +/- buttons  
to adjust the Frequency and  
Range for that band.

**D-EQ**  
HF > FAST and LF > FAST  
buttons provide different  
sidechain attack/release settings,  
or press and hold for AUTO  
modes. HF Bell allows the High  
Frequency band to switch from a  
Shelf to a Bell filter.

**LF/HF GAIN**  
A make-up gain for the LF band of  
the D-EQ. Push the knob to add the  
classic G-Series overshoot/undershoot  
resonance around the frequency point  
(green indicator on). If the unit is in a  
STEREO mode, this knob becomes HF  
GAIN. G/HF indicator will now be red.

**EXTERNAL  
SIDECHAIN**  
Trigger the  
sidechain for the Bus  
Compressor and/or  
D-EQ externally.



**AUTO-RANGING POWER  
SUPPLY**  
Simply connect the IEC to a  
mains power socket and use  
the rocker switch to power on/  
off.

**SIDECHAIN SEND**  
Allows for creative duplication of the input signal - could be used  
to feed an external processing unit such as an EQ, returning the  
processed signal into EXT S/C IN. Or, it could be used to access the  
encoded Mid and Side signals, when using the unit in Mid Side mode.



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## Troubleshooting and FAQs

Frequently Asked Questions can be found on the Solid State Logic Website at: <https://www.solidstatelogic.com>

**Ask a Question**

If you require technical support for THE BUS+ or other SSL Studio Products, click on the Ask a Question link on the support page to open a support ticket and an SSL Product Support engineer will be in contact.