



Solid State Logic 540426 The Bus+ 2-Channel Bus Compressor User Guide

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Solid State Logic

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Solid State Logic 540426 The Bus+ 2-Channel Bus Compressor



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 SIDECHAIN HIGH PASS FILTER

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

MONITOR MODE

Choose the monitor mode for the compressor. Stereo, ΣS/C or Mono.

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 to start compressing or right to start expanding. Push and hold the knob and turn in the centre of the unit to set range settings.

BALANCED XLR I/O

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

EXTERNAL SIDECHAIN INPUTS

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

RECALL ABILITY & 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 mismatch 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.

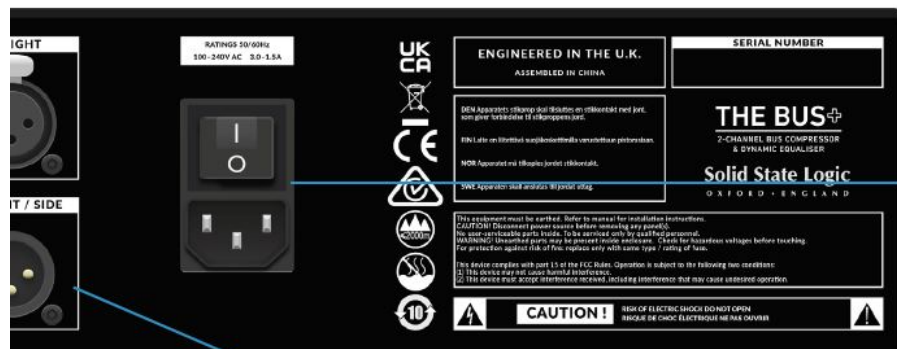


MODE
Stereo and HF bands. Push the
left to start compressing
Tri-colour LEDs provide
processing being applied.
then use the +/- buttons
adjust the Frequency and
or that band.

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.



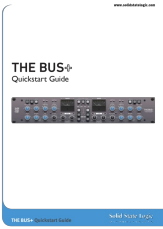
**AUTO-RANGING POWER
SUPPLY**
Simply connect the IEC to a
mains power socket and use
the rocker switch to power on/
off.

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.

Troubleshooting and FAQs

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

Documents / Resources

	<p>Solid State Logic 540426 The Bus+ 2-Channel Bus Compressor [pdf] User Guide 540426, The Bus 2-Channel Bus Compressor, 540426 The Bus 2-Channel Bus Compressor</p>
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References

- SSL [Solid State Logic | Leading the way in Sound](#)
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