SSL 4000 G master bus compressor
emulation presets for Logic Pro 8 Compressor

Legal
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Installation
Install the folder entitled SSL 4000 G master compressor here:

Mac HD>Users>YourUserName>Library>Application Support>Logic>Plug-In
Setting>Compressor

These presets will <u>not</u> work or sound correct in Logic 7.

How To Use
The SSL comp is intended as a master mix compressor on the main bus or on
sub mixes, i.e. a sub mix of drums.

The SSL comp is NOT a real mastering compressor. It is often used during
mixing for subtle (or not so subtle) glue effect.

You can use it as part of a mastering chain but rarely as the only master
compressor, and usually then as the first compressor in the chain.

<u>Gentle compression</u>
For gentle glue type compression, choose a Ratio 2 or 4 preset, and set
threshold for a maximum of 1-2 dB of gain reduction on the meter.

<u>Pumping and punch</u>
For less pumping or more punch select a slower Attack of 3, 10 or 30 ms, and
a release between .3 s and 1.2 seconds.

The Good
All possible ratio, attack and release/auto combinations are included, apart
from the exceptions below.

Preset default settings closely emulate the default settings of the Waves SLL G-
master compressor, which means you can do quick A/B comparisons.

The Bad
· Auto release. There's no way to get the true sound of the SSL auto release in
the Logic Compressor.

· 0.1 ms attack setting is not possible in the Logic Pro compressor. Closest
setting is 0 ms which pumps excessively. Not a big loss though.
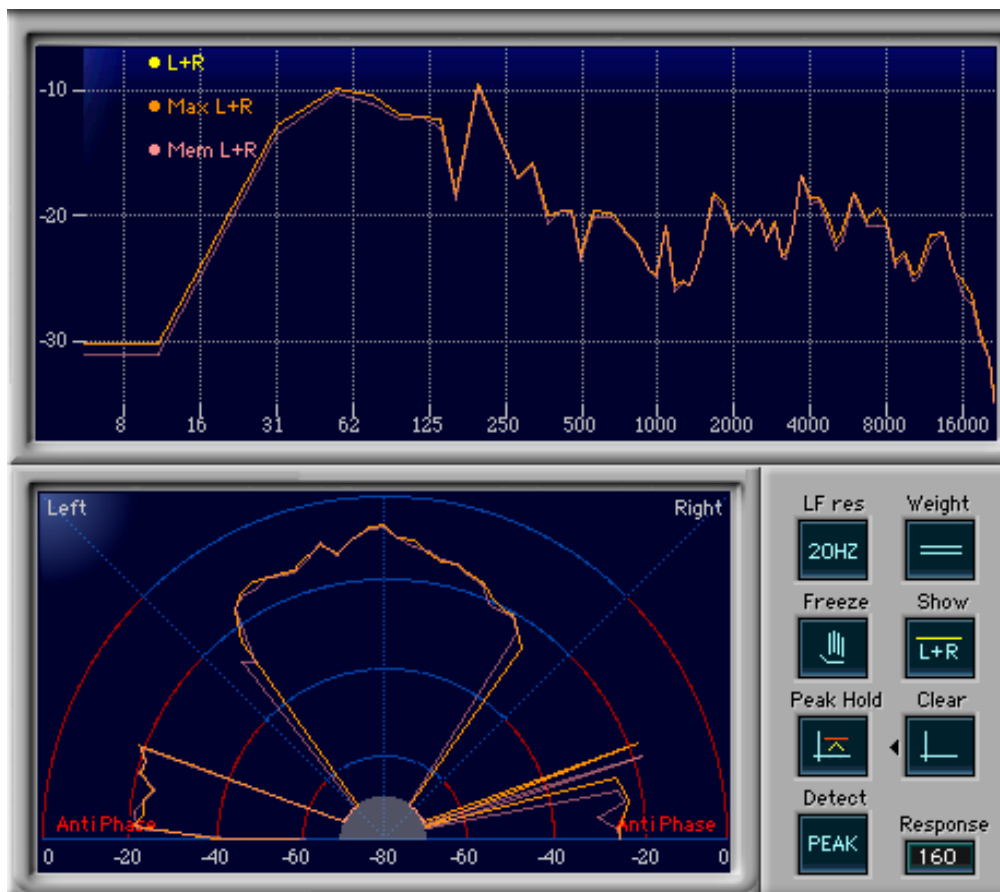
Geek Stuff
The presets have been made using real life material and test tones. Levels generally match Waves SSL default settings within 0.2 dB.

In some cases the numerical values are not the same as they appear on the Waves SSL, such as ratio 4:1 being 3.7:1 in Logic. This is not an error.

Please notice that knee and threshold default settings vary depending on ratio, just like the Waves SSL does (behind the scenes).

The extended parameters of the Logic Compressor enables the internal EQ sidechain for a gentle 60 Hz hi pass filter for closer low end emulation.

A frequency analyzer will show very little difference between the plug-ins:

Purple color: Waves SSL · Orange color: Logic Compressor

Looking at the waveforms for transient changes, there is generally speaking a strong similarity between the two waveforms, and transients are quite similar too:

Upper waveform: Waves SSL · Lower waveform: Logic Compressor

This doesn't necessarily mean your ears will agree but the presets are fairly close despite using a bundled sequencer compressor.

Happy compressing.

/Holger Lagerfeldt
www.popmusic.dk
www.onlinemastering.dk