



The **LA-119** “Monster Swap” is a multi stereo outboard controller for **mastering** and **mixing** designed to insert up to 7 external units in a mastering chain.

LA-119 is completely and absolutely analogical with balanced inputs and outputs.

The large linearity over 250 kHz and the very low distortion guarantee absolute quality.

- Very high headroom level allows the LA-119 to be used with analog signals (+ 4 dBu) and with the higher level signals used by digital converters.

- The standard analog level (+ 4 dBu) is used for the inserts, allows you to use all the older generation analogical outboards

(eg compressors / limiters at FET) that aren't able to operate at a high signal level.

- All switch routings are made with sealed relays and gold contacts.

- Each insert has DRY/WET control to allow parallel processing + a total DRY/WET.

- Separate input levels for LEFT and RIGHT channels with 12 steps controls (-2.5 dB / 3 dB with 0.5dB / step).

- Input gain set for both channels (+3 dB / 0 dB / -3 dB)

- 2 selectable or summable inputs with balance control (+/- 2 dB)

- Each insert features a 6 dB pad.

- The Level 0 is used for the signal coming from an analog mixer, level -6 dB is used for a signal from a digital converter.

- The 2 independent inputs allow to set up 2 jobs and to process 2 signals separately (ex. voice and instruments) then mix them and process the mix using insert group 3 and insert 4

- LA-119 has connections for 7 separate external insert units.

- The 7 insert are divided into 3 groups of 2 insert, each plus one.

- There are 3 groups of 2 insert units each plus one final insert.

- LA-119 provides 2 modes of use: **SERIAL** or **SPLIT**

SERIAL mode:

- The 2 inputs (selected or summed) are sent to group inserts 1/2/3/4 where they are connected in cascade.

SPLIT mode:

- Input 1 is sent to group insert 1

- Input 2 is sent to group insert 2

With the SWAP control it is possible to move the outboards from group 1 to group 2 and vice versa.

- The 2 groups are selectable or summable with balance control (+/- 2 dB)
Group 3 + insert 4 are common to the 2 channels after the sum.
- **GROUP 1:**
 - 2 inserts (A / B), with dry/wet control for each one
 - Swap (from A-B to B-A)
- **GROUP 2:**
 - 2 inserts (A / B) with dry/wet control for each one
 - Swap (from A-B to B-A)
 - Swap (from group 1-2 to group 2-1)
- **GROUP 3:**
 - 2 inserts (A / B) with dry/wet control for each one
 - Swap (from A-B to B-A)
- **INSERT 4:**
 - This last insert normally is dedicate for a final clip/limiter.
 - Dry/wet control switchable from insert 4 only or input/output.
 - Output level for both channels with a 12 stepped control
(-2.5 dB / +3 dB with 0.5 dB / step +/- 0.02dB)
 - 6 steps output level control for both channels (-2 / 0 / +2 / +4 / +6 / +8 dB)
This control is used to raise up the the standard +4dbu signal to adapt it to the level required by the converters.
- Monitor out selectable (input / output / pre insert 4) In the OUT position is provided a trim to attenuate the highest level.
The monitoring before and after insert 4 is scheduled because the final CLIP is always the most critical
- VU Meter out selectable (input / output / pre insert 4).