



ALM038 / STEREO SUM

TECHNICAL SPECIFICATIONS

Power: +12V 8ma / -12V 8ma
Size: 4HP
Depth: 32mm

Module Installation

With your modular synth powered **off**, connect the 10 pin end of the supplied standard eurorack power connector cable to the 10 pin power connector on the rear of the module.

The red stripe on the cable should be orientated to match the text 'RED' marked on the rear of the module near the power connector (this is -12V). Connect the other 16 pin end of the cable to your eurorack bus board (Refer to your bus board documentation for the correct orientation).

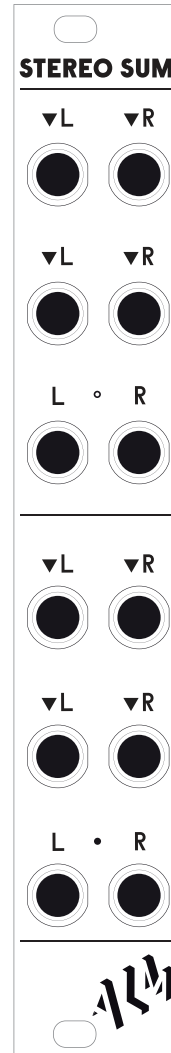
You are now safe to power up your modular synth. If the module fails to power up, check that you have the power cable correctly orientated and have carefully read the manual.

STEREO SUM <http://busycircuits.com/alm038>

The 'STEREO SUM' is a unity gain summing mixer that features four stereo input pairs summed as pairs to two independent mix outs or all as a single combined mix. It is a useful utility for efficiently combining outputs of multiple stereo sources, such as the MEGA-TANG and Jumble Henge mixers or multiple MFX returns. The inputs accept stereo or mono signals (via normalisation) which can be audio or CV (module is DC coupled) and the top mixer's outputs are normalised to the bottom mixer section meaning if the upper output is left unpatched the two upper inputs will be added to the lower output.

MIXER 1 —

MIXER 2 —



— **STEREO INPUT PAIRS**
Stereo inputs. Can be used with audio or CV (inputs are DC coupled).

Left ins normalised to Right for mono signals.

— **STEREO MIX OUTPUT 1**
Stereo mix output. Normalised to bottom mixer section if output is left unpatched.

— **STEREO INPUT PAIRS**
Stereo inputs. Can be used with audio or CV (inputs are DC coupled).

Left ins normalised to Right for mono signals.

— **STEREO MIX OUTPUT 2**
Final stereo mix output.

Support

Need help? Email your questions to help@busycircuits.com

For the latest news, additional info, downloads and firmware updates please visit the ALM website at busycircuits.com

Follow @busycircuits on Twitter and Instagram for news, tips and ideas.

Visit 'ALM TV' on Youtube for module video tutorials and demos.

Limited Warranty

From the date of manufacture this device is guaranteed for a period of 2 years against any manufacturing or material defects. Any such defects will be repaired or replaced at the discretion of ALM. This does not apply to;

- Physical damage arising from mis treating (i.e dropping, submerging, 'modding' etc).
- Damage caused by incorrect power connections.
- Overexposure to heat or direct sunlight.
- Damage caused by inappropriate or misuse.
- Use of incorrect or non official firmware

No responsibility is implied or accepted for harm to person or apparatus caused through operation of this product. By using this product you agree to these terms.