



JUMBLE HENGE

<http://busycircuits.com/alm029>

ALM029 / Jumble Henge

TECHNICAL SPECIFICATIONS

Power: +12V 70ma / -12V 70ma
Size: 8HP
Depth: 38mm

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 you have the power cable correctly orientated and have carefully read this manual.

INPUTS

Vertical and horizontal patch position determines a source's spectral and stereo placement in the mix respectively.

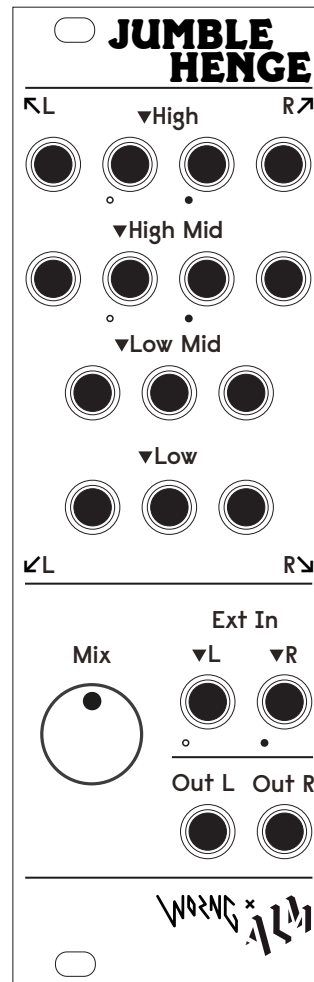
Aside from centred inputs, every input sits in its own unique pan position, helping to keep a separation between sounds but building a complete stereo image when combined.

The centre right inputs of the top two rows are normalised to the centre left inputs. - i.e if just a left input is patched it will be effectively panned center.

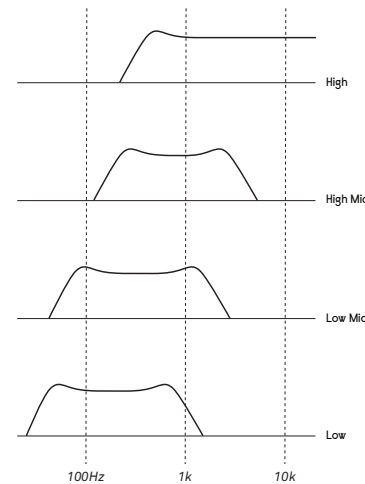
Towards the highs the panning becomes wider – as the human ear better pinpoints direction at higher frequencies, whereas the lows remain more centred for a tighter, more focused sound.

MIX CONTROL

Mix control for the overall depth of the filters applied to the inputs. Note: a slight volume increase occurs near the centre of the dial.



APPROX FREQUENCY RESPONSE



Note that equal-power panning is used for consistency in perceived level across all inputs.

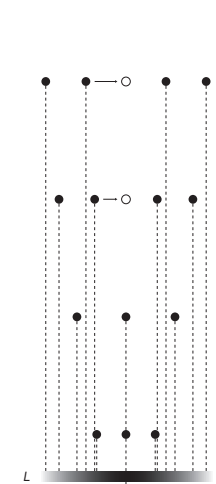
EXTERNAL INPUT

An additional clean stereo input pair for chaining with another mixer or additional source. Right input normalised to left input to accommodate mono sources.

OUTPUTS

Stereo mix output, the sum of all 16 inputs.

PANNING



Worng

Jumble Henge was designed in collaboration with Worng Electronics and is based on the 'SoundStage'.

For more information about Worng's products and the 'SoundStage' visit <http://worngelectronics.com>

Support

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

For 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.com 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 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.