



## ALM033 / MEGA-TANG

### TECHNICAL SPECIFICATIONS

Power: +12V 125ma  
-12V 125ma  
Size: 16HP  
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.

# MEGA-TANG <http://busycircuits.com/alm033>

The 'Mega-Tang' is a 4-channel linear VCA and stereo mixer providing per input control over level, effect send, pan and muting. Designed for live use in mind with a simple & compact layout, the 'Mega-Tang' builds on the clean and transparent sounding Tangle Quartet VCA by adding a stereo mix output, effect sends (mono send with a stereo return), manual panning, soft mute buttons with LED indicators and an expansion port for future expandability. Individual VCA outputs are available which remove the channel from the main mix (useful for cueing and monitoring). All signals are Euro level and bar the effects return, DC coupled for CV use as well as audio.

#### SIGNAL INPUTS 1-4

Audio or CV - DC coupled.

#### LEVEL CV INPUTS

CV level control inputs for VCA type operation. LEDs represent control level.

#### SEND CONTROLS

Controls the amount of post level signal mixed to the send.

#### PAN CONTROLS

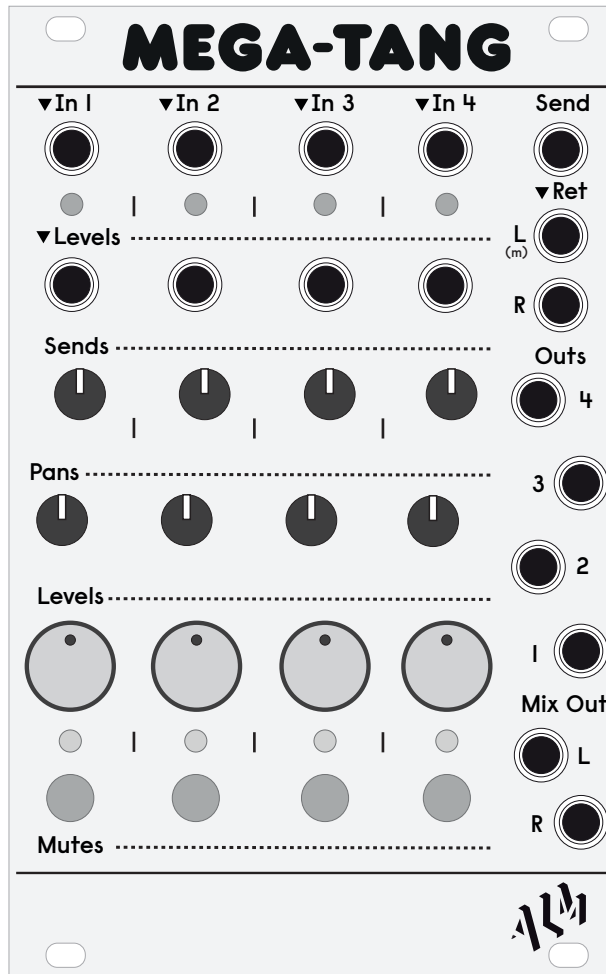
Pans the signal between left and right outputs.

#### LEVEL CONTROLS

With nothing patched to Level, input knobs act as basic level controls. With CV patched they act as attenuators for the CV signal.

#### SOFT MUTE BUTTONS & LEDs

Latching switches to mute individual channels. Switches feature a soft close circuit to help avoid clicks. Associated LED will light to show channel is muted.

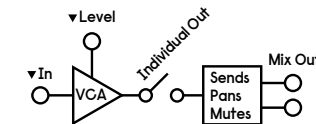


#### EFFECT SEND OUTS & INPUTS

Mono effects send with stereo return. Left input is normalized to Right for mono return signals. Note, returns are AC coupled.

#### INDIVIDUAL OUTPUTS

Breaks any signal out of the mixer post VCA (before sends, pans and mutes). Useful to audition signals pre un muting etc. Also to use a channel as a basic VCA.



#### STEREO MIX OUTPUTS

Final stereo mix output.

### Support

Need help? Questions? please visit <http://busycircuits.com/support>.

For the latest news, additional info, downloads and firmware updates please visit the ALM website at <http://busycircuits.com> and follow @busycircuits on Twitter and Instagram.

### 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.

