



MFD

<http://busycircuits.com/alm044>

The 'MFD' is a 2-channel stereo crossfader designed for live DJ-style mixing and jamming in Eurorack. Two mono or stereo inputs are mixed to a single stereo output via direct or voltage control. Additional Cue controls provide preview monitoring of either input pre-mix via dedicated Cue switches and an output. Voltage control over the crossfade and DC coupling allow for further creative uses such as a high quality stereo VCA or as a mix processor for either stereo audio signals or CV. The MFD is designed to have very low noise and cross bleed and employs equal power crossfading for smooth constant level blending between signal sources.

ALM044 / MFD

TECHNICAL SPECIFICATIONS

Power: +12V 70mA / -12V 70mA
Size: 6HP
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.

All ALM modules feature reverse power protection.

A & B INPUTS

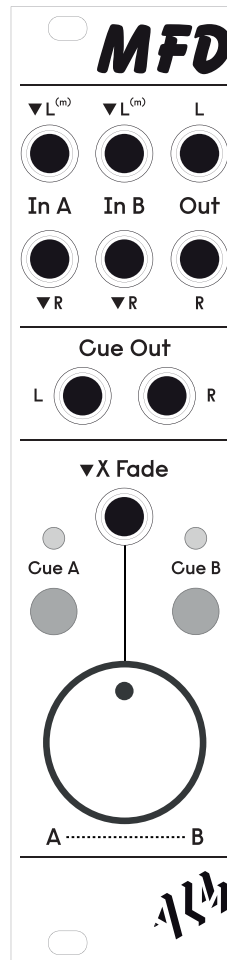
Stereo L/R signal inputs. Left input normalised to Right for mono signals. DC Coupled for use with audio & CV.

CUE OUT

Stereo Cue output pair for pre crossfader monitoring of A & B input signals via a headphone amp.

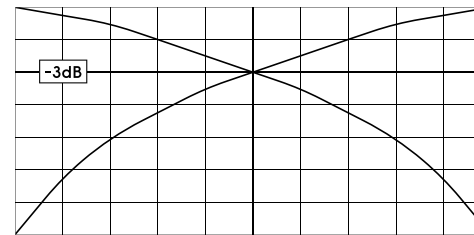
CUE A & B BUTTONS / LEDS

Latching switches for routing the A & B input pairs to the Cue Out for pre crossfader monitoring. Associated LEDs will light to show an input is being cued.



MAIN OUT

Stereo L/R crossfader outputs.



X FADE CV INPUT

CV control input for stereo X Fade control. The X Fade knob acts as an offset to incoming CV signals. -5V - 5V

X FADE CONTROL

Manual crossfader offset control for blending stereo A & B input signals.

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.