TROUSER PRESS

Trouser Press is a high-quality eurorack crossfader for crystal clear audio fades either manually or by CV. If you need an amplifier, flick the switch and the Trouser Press becomes a fully functional VCA. The Trouser Press is DC coupled, so the module works on both audio and envelopes.

Trouser Press is designed first and foremost as a crossfader, but the chosen configuration can fulfill many desirable roles in synthesis - it can be used as a VC crossfade, a two channel mixer, a switch or a VCA. The inclusion of the lin/log response switch further increases the tonal shaping possibilities.

CV input is fed directly to x2 attenuverter. CV range is -5V to +5V

LEDs - indicate the amplitude of the left and right channel

Offset is summed with the CV and controls the levels of the L/R channels

Inputs for Left and Right channel. Attenuverters control input levels up to 0dB max

LIN / LOG controls the amplitude curve of the amplifier on both channels

Xfade / VCA switch controls the behavious of both the left and right channel. When in Xfade mode the gain is limited to 0dB

Log mode offset is used to match the gain between the Lin and Log modes (see page 2)

The Lin mode jumper header is used to switch between two different modes in the Lin mode (see page 2)

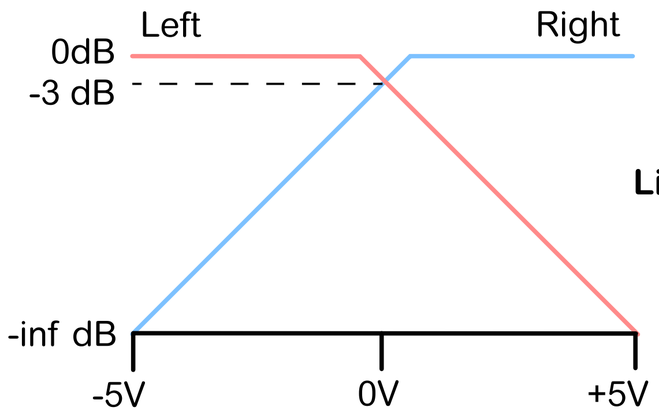
CV input pad is used to offset the input CV and make the module pan with 0-5V. When enabled, the CV input is -2.5V, so when the attenuverter is set to x2 this gives the full -5V to +5V CV range

GOD'S BOX

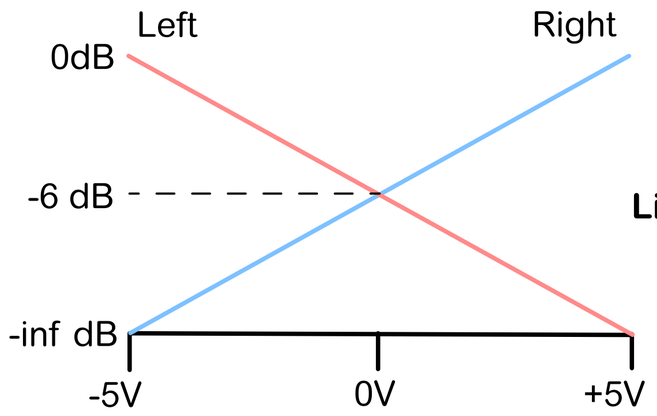
TROUSER PRESS

Lin Mode Header

When the Trouser Press is in Lin Mode, the response can be changed depending on the ‘Lin Mode’ jumper on the back of the module.



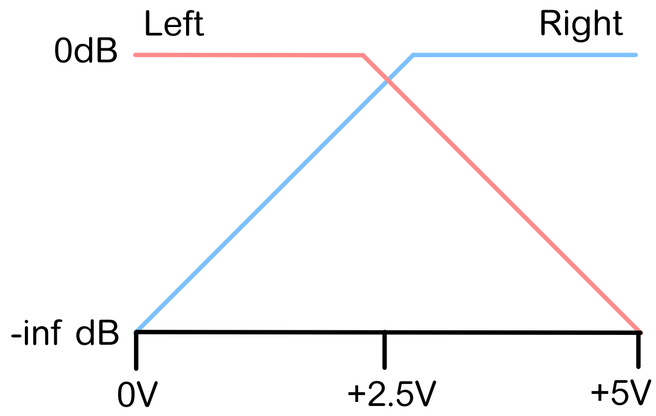
Lin Mode 1



Lin Mode 2

CV offset Header

The CV jumper on the back can be used to offset the CV in by -2.5V. This means that when the attenuerter is at x2 (fully clockwise) the full range can be reached with 0-5V CV, which can be convenient for switching



Log Mode Calibration

The Log mode calibration is set on fully constructed modules, but for DIY kits, set the Log mode by turning the offset hard left, setting the Xfade switch on and feeding a signal into the left channel. Then flick between Log and Lin mode and adjust the pot to match the amplitudes til they are as close as possible to identical