Simple but handy utility module gives you 4 attenuators. But not only that: it unlocks the possibility to control your modular with your feet!

Each of the four channels A,B,C,D has an input that goes thru an attenuator knob to the output. The position of the knob represents amount of attenuation of the signal passing from the input to the output. Fully CCW no signal is passing, fully CW the full signal is passing.
Channel A has a switch that enables the knob to act as a voltage source when nothing is plugged into its input.

Each of the four inputs is in fact a stereo connector which when connected into an expression or volume pedal with a stereo cable will enable the output to act as voltage source. The voltage on the output is dependant on the positioning of the pedal. The maximum voltage that can be output can reach 8 volts however the exact number depends on the impedance of the pedal itself. With lower impedance pedals it can go as low as 6 volts. Therefore guitar volume pedals are recommended because of their high impedance.

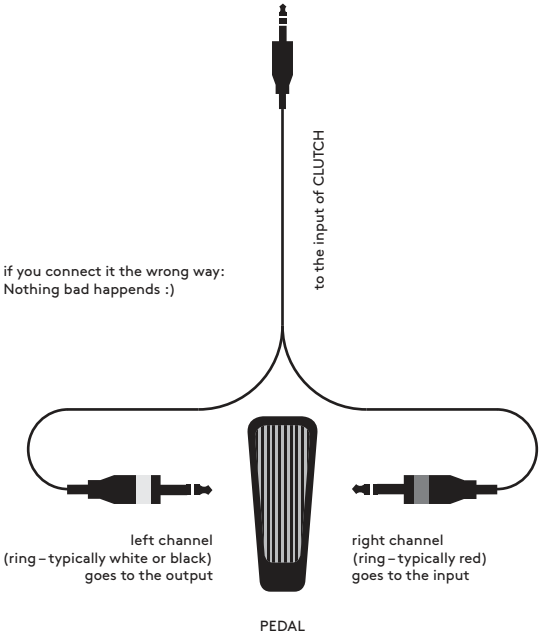
features

- 4 channel passive attenuator
- channel A can act as voltage source (max 9V)
- each channel puts 9V voltage to the RING so with stereo cable and volume / expression pedal it acts as a voltage source
- if you use standard eurorack mono cable at the input it functions as a standard passive attenuator

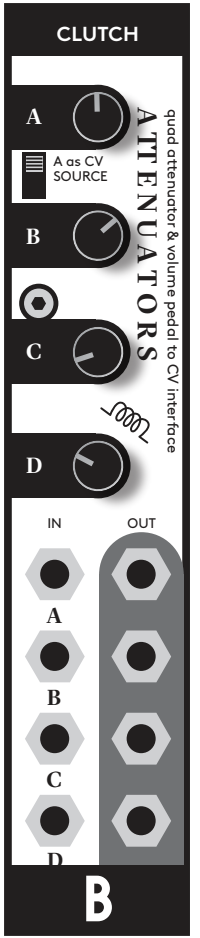
nákres zapojení

Each channel can also act as passive attenuator when standard eurorack mono cable is inserted to the input.

NOTE: If Clutch is used only as passive attenuator it doesn`t need to be powered up from busboard.



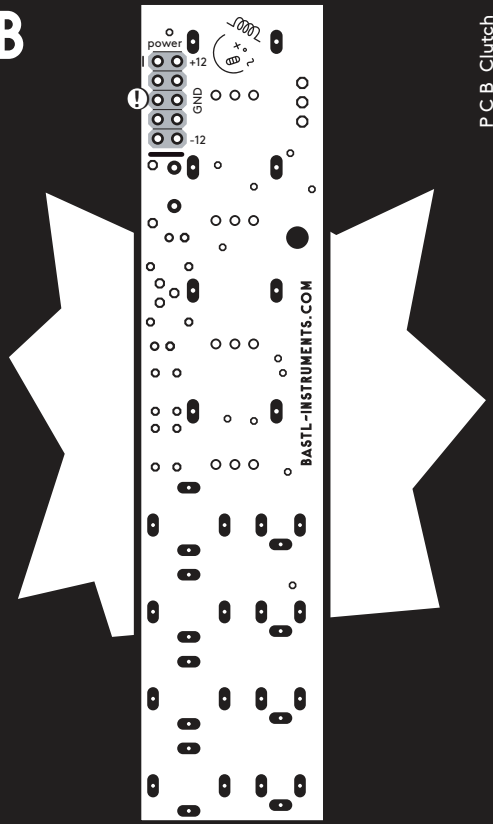
QUAD ATTENUATOR & VOLUME PEDAL TO CV INTERFACE



B

Clutch

B



PCB Clutch

Take it Carefully

technical details

- 5HP
- PTC fuse and diode protected 10 pin power connector
- 35mm deep
- current: max +12: 25mA

connecting module to your system

please make sure of the following

- you have a standard pinout eurorack bus board
- you have +12 and -12 power rails on that bus board
- the power rails are not overloaded

Before connecting the ribbon cable to this module disconnect your system from power !

Double check the polarity of the ribbon cable and that it is not shifted in any direction. The red cable should be attached to the -12V rail, both on the module and on the bus board side!

Although we put protection circuits in the device, we do not take any responsibility for damages caused by wrong power supply connection.

After you connected everything, double checked it and closed your system so no power lines can be touched by your hand, turn on your system and test the module.

BASTL

B

www.bastl-instruments.com