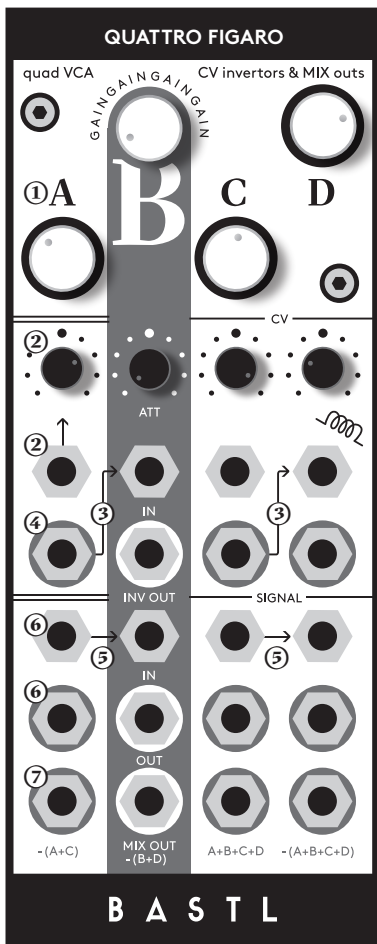


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QUAD VCA CV INVERTOR &amp; MIX OUTS



## Quattro Figaro

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### instruction

1

Quatro Figaro is a 4 channel VCA. Channels A, B, C, D are organized in columns. Each channel has a gain knob with a maximum gain of a little over 2.

2

Each CV input has an attenuator. The gain of the vca is linear to the control voltage on each channel. The final control voltage is the GAIN voltage + the attenuated CV IN voltage.

3

Internal routing

Internal routing enables you to use the QF as a simple and powerful panning tool. Two input pairs (A+B and C+D) are internally routed via the jack switches, which enables you to quickly setup a panning situation. Because the internal routing is via the connector switches, you can use all the channels independently by plugging in cables which disconnect the internal routing. Also the INVERTED CV OUT of channel A is connected to the switch at the CV IN of channel B (the same with C and D), which means that the inverted CV is connected to the CV input of signal B as long as there is no jack plugged into the signal jack of channel B.

4

For each CV there is an inverted output (not affected by the attenuator).

5

the signal from channel A is routed to the switch at the signal jack of channel B (the same with C and D), which means that the signal from channel A is connected to channel B as long as there is no jack plugged into the signal jack of channel B.

6

Signal input goes thru the the VCA and is outputted to signal out with gain linear to the CV.

7

Mixed outputs

The mixed outputs enable you to use QF as a voltage controlled mixer or voltage controlled stereo panning mixer. There are outputs of signal A mixed with signal C, signal B mixed with signal D (note that these two outputs are inverted), A+B+C+D mixed together and its inverted version

### technical details

- 10 HP
- 35mm deep (skiff friendly)
- current +12 < 40 mA , -12 < 35 mA
- PTC fuse and diode protected 16 pin power connector

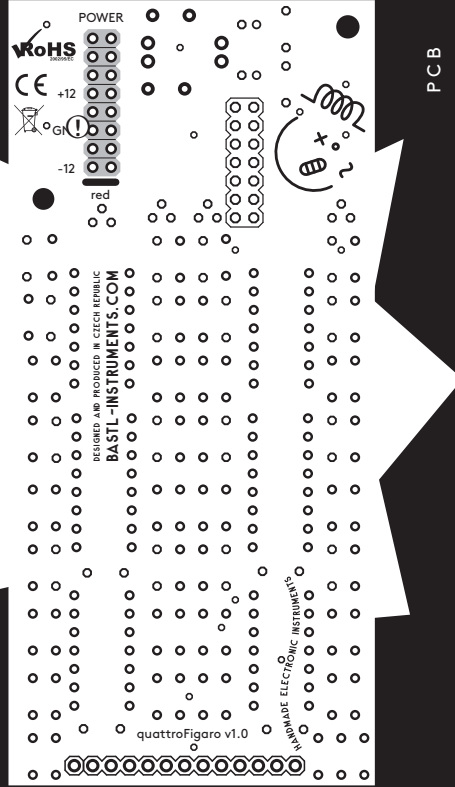
### features

- 4 channel VCA
- CV attenuator per channel
- Gain knob per channel
- each CV input has inverted CV output
- mixed outputs
- (A+C), - (B+D), A+B+C+D, - (A+B+C+D)
- internally routed CVs and signals via connector switches (for easy panning/ crossfading setup)
- handmade in Brno, Czech republic

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## Connecting module to your system

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 match the -12V rail both on the module and on the bus board !

please make sure of the following

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

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 hand, turn on your system and test the module.

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