PEDAL POW

USER MANUAL

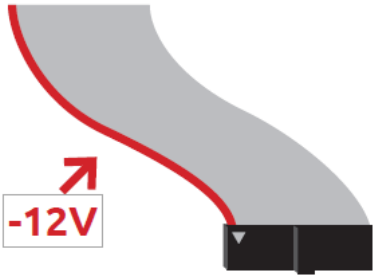
BEACO

THANKS FOR PURCHASING A MODULE FROM BEFACO!

BEFORE YOU PLUG THIS MODULE IN…

1. Disconnect your cabinet from the mains.

2. Triple-check the power cord polarity. The coloured line on the cable (pin number one) is the 12V rail.



3. If you plug the module backwards, you might burn it out; unfortunately, the warranty does not cover this.

4. If you have any questions about this product, feel free to contact us support@befaco.org

WHAT IS PEDAL POW?

Optimize your gig setup by powering your favorite pedals directly from your Eurorack case.
Pedal POW is a dual power supply with two isolated outputs, each providing 500 mA to conveniently fuel your stompboxes.

IMPORTANT NOTES ON CURRENT CONSUMPTION AND POWER.

The PEDAL POW is a power supply that relies on your Eurorack power supply, and therefore, its power cannot exceed that of your Eurorack.

Additionally, your Eurorack power supply must be able to power all your modules, as well as anything you connect to the PEDAL POW.

The power that PEDAL POW provides will be shared with all the modules on your modular synth, converting the +12 Volt power rail to 9 volts.

Pedal power can supply a maximum of 500 mA per output. As a rule of thumb, each mA on the Pedal Pow will draw approximately 0.8 mA from your +12V power bus. Therefore, to utilize the full 500 mA, you will need to provide 400 mA from your +12V rail, since 500 mA * 0.8 = 400 mA.

To simplify your calculations, please refer to the following table, where you can easily determine your current needs.

PEDAL CONSUMPTION (mA)	EURORACk +12V RAIL (mA)
25	20
50	40
100	80
200	160
300	240
400	320
500	400

VOLTAGE AND POLARITY

For historical reasons, most guitar pedals utilize inverted polarity on their connectors, meaning the positive pole is on the outside and the ground is on the inside. To maintain compatibility with these devices, PEDAL POW also follows this convention.

If you need to connect a device with opposite polarity, you will require a polarity reversal cable.

If you are unsure about the polarity of your effects unit, please check for one of the following icons:

POSITIVE OUT Polarity. Used on guitar pedals. Use a normal cable (like the provided ones) to connect this device to PEDAL POW	**GROUND OUT Polariry** Used in most consumer electronics. Use a polarity reversal cable to connect this device to PEDAL POW

SPECS AND CREDITS

Current needs: +12V: 20mA, -12: 15mA, 5v:0 on additional rails

Width: 6 HP

Depth: 22 mm assembled version - 22 mm DIY version

Designed with care and love by the Befaco Team in Barcelona, 2025