

Note: If the power source does not support a selected voltage, the 529M will remain at the nearest supported voltage below that selected. For example, if 15V is selected and 15V is not supported by the source, then the output of the 529M will remain at 12V or 9V. Remember to check the specifications of your power source to determine the available voltages.

529M



STOP! Please read this before connecting your Mission 529M

WARNING! Do not increase the voltage above that recommended for the device(s) you are connecting.

Exceeding the recommended voltage may damage your device. Do not forget you have set it to a higher voltage and then connect it to a lower voltage device as damage may occur.

If you regularly change voltages, it is recommended to always visually check the position of the switch before connecting a device.



Input

USB PD 3.0 Type C

Output

6V, 9V, 12V, 15V, 18V @ 3000mA Max

2.1mm center pin negative

Dimensions

2.4" x 1" x 1" 1.1oz

Construction

Aluminum case Blue anodized

USB-PD converter Quick Start Guide V1.0



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Features

The 529M converts an external USB-PD battery pack or charger into a single high current output with five selectable voltages for powering effects pedals and similar audio and small electronics equipment. The 529M can be used with a daisy chain cable to provide a 9V supply to large numbers of analog effects pedals. It can also be used as a single output power supply for high current devices or devices that require different voltages.

Input

The 529M should be connected to a USB power source such as battery pack or wall charger with a USB-C cable. The power source should support USB Power Delivery (PD). The available output voltages and maximum output power of the 529M will depend on the power source. For example, if you use a USB-PD battery that supports 9V at 3A and 12V at 2A, then this is what will be available at the 529M output. The 529M supports USB-PD up to 20V at 3A (60W). Make sure that the USB-C cable that you use is rated for at least 60W.

Output

The output of the 529M is a 2.1mm DC connector with center pin NEGATIVE. Connect the output to your effects pedal(s) using a standard 2.1mm effects pedal power cable. Suitable adapters may be used to convert to center pin positive or to 2.5mm connectors when required. Adapters are available from missionengineering.com and most pro-audio stores.

WARNING! Make sure to check the connector size and polarity of your devices before connecting to the 529M.

Voltage Selection

The factory default output voltage is 9V. Provided your USB PD power source supports 9V (most do) the 529M output voltage will be 9V which is the most common voltage for effects pedals.

To select a different voltage, first remove the USB C cable from the input of the 529M. Select the required voltage by using a small screwdriver to turn the voltage selector to the number corresponding to the required voltage.



The available voltages are printed on the top of the 529M. They are:

- 1 = 6V
- 2 = 9V
- 3 = 12V
- 4 = 15V
- 5 = 18V

After selecting the voltage, reconnect the 529M to the USB-PD power source with the USB cable.