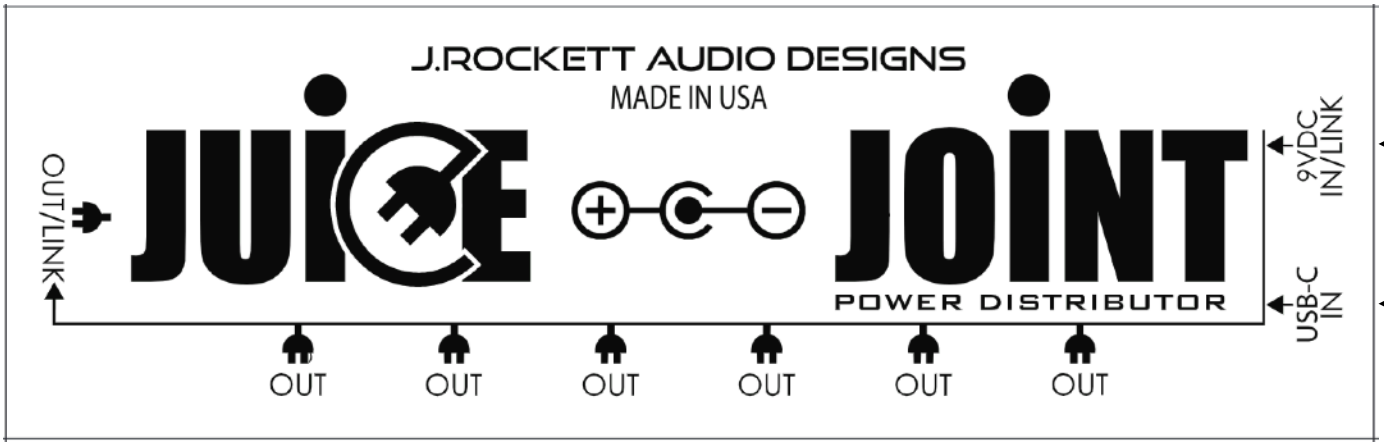
JUICE JOINT POWER DISTRIBUTOR



USB-c INPUT - This input is designed to take a typical mobile device charger rated at 5V only. **Please do not use anything other than a 5V charger**. All 5V chargers are internally converted to 9V inside of the JUICE JOINT. Wattage is not a concern so you can use larger wattage chargers as long as they are 5V. The MAX amperage that the Juice Joint input can take is 2 Amps, please do not exceed 2 Amps on either input.

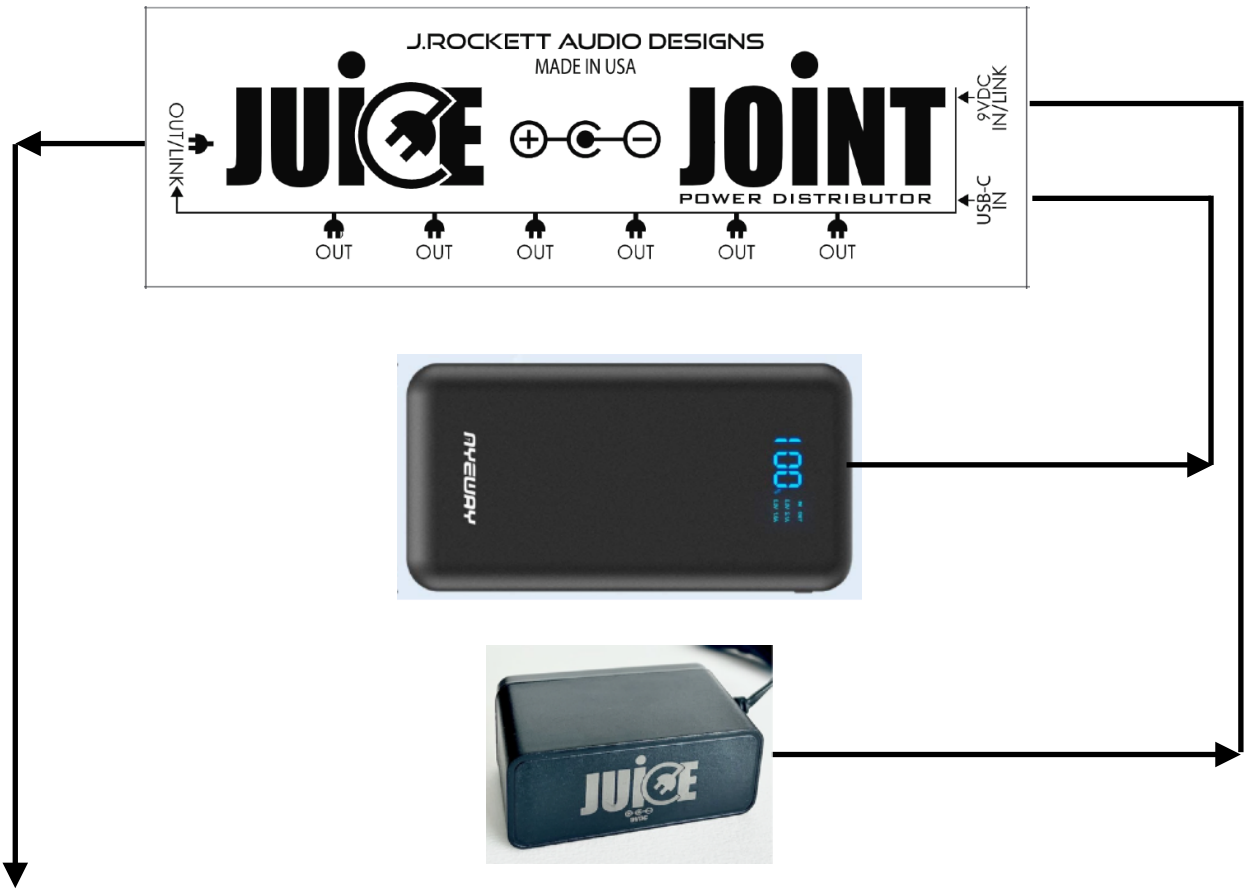
9VDC INPUT - This input is designed to take a typical barrel jack 2.1mm plug such as our JUICE POWER SUPPLY or anything of the like. The 9VDC input can also act as an extension of a typical linear power supply such as a Voodoo Labs power supply. Keep in mind that if you choose to expand a linear power supply's individual channel you will be constrained to the voltage output of that specific channel so it will tax that output if too many devices are hooked up.

One of the benefits of using the 9VDC input is that what goes in comes out. If you use a 9VDC power supply you will get 9VDC coming out of each channel. What makes the JUICE JOINT so versatile is that you can input 12VDC/18VDC and 24VDC all up to 2 Amps (2,000mA) and as previously mentioned, what goes in comes out. If you use a 12VDC power supply on the input you will get 12VDC on all of the outputs and so on with 18VDC and 24VDC. The OUT/LINK is the 7th output and is exactly the same as the front outputs and can be used to either link to another JUICE JOINT or power a pedal.

The JUICE JOINT can be used with our JUICE BAR as an expander for any of the output channels on the JUICE BAR. We do recommend if you prefer using the 9VDC input that you use our JUICE Power Supply as it has been specifically designed to work with our entire JUICE system. JUICE will also work with any other appropriate applications as well even outside of J. Rockett Audio Design products.

When using a battery be aware that most battery packs require some draw or they will shut off which is an inherent safety feature of these batteries. In order to avoid the battery shutting off make sure you have at least a 20mA load. Some pedals can be as low as an 8mA draw but it is unlikely that anyone would use a power distributor to power one or two pedals.

Enjoy!



The Battery and our JUICE POWER SUPPLY can power the JUICE JOINT or the JUICE BAR depending on which you own. If you own both you only have to power the JUICE BAR. The JUICE JOINT gets it power from the JUICE BAR.

If you only own the JUICE JOINT it can easily be power by by the JUICE POWER SUPPLY or battery on its own. (See above diagram). It can also be charged by any mobile device charger (SEE NEXT PAGE FOR MORE DETAILS)

The OUT/LINK can be used to expand the one JUICE JOINT into other JUICE JOINTS and can be ever expanded with the only limitation being your power source. The OUT/LINK can also be used as the 7th output for another pedal. Any one of the outputs on the JUICE JOINT can be used to expand and/or power a pedal not just the OUT/LINK.

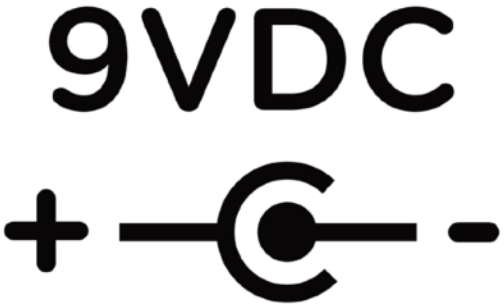
WARNINGS!!!

INPUT MAXIMUM VOLTAGE - The JUICE JOINT provides flexibility on many levels which can also create a lot of possibilities of mismatch. We want you to be careful and mindful of voltage combinations that could possibly create harm to your pedals or the JUICE JOINT itself. When using the 9VDC input (2.1mm Barrel Jack) it can handle any voltage, as we have said before, what goes in also comes out. If you put a 24V supply in you will have 24V coming out of each output so **PLEASE BE CAREFUL**. **DO NOT** plug in anything that cannot take 24V, same goes for 18V and 12V. The JUICE JOINT can handle 36V or more and that is what will come out so the JUICE JOINT is a great voltage splitter for just about any application. **PLEASE BE SURE YOU ARE USING A NEGATIVE TIP CONFIGURATION ONLY!!!**

When using the USBc Input it is **ONLY** meant for a 5V charger that goes through internal conversion to 9V. **DO NOT** use anything other than a 5V USBc charger. (Typical mobile device charger).

Wattage - Has no bearing, any wattage will be fine
Amperage - the JUICE JOINT has a 2 Amp (2,000mA) max input tolerance. DO NOT use anything above 2 Amps (2,000 mA) on either the USBc input or the 9V input.

Negative tip also known as center negative.
USE THIS POLARITY ONLY!!



Warranty

J. Rockett Audio Designs LLC will repair or replace, at its discretion, defective workmanship or materials on all new J. Rockett Audio Designs products directly or through the selling dealer or an authorized service technician for one year from the date of purchase at no cost to the original purchaser. Repair and replacement parts installed will be warranted for the unexpired portion of the original warranty term.

Before sending a product in for repair, please contact us at jay@rockettpedals.com or call us at +1 (720) 936-8623.

This warranty does not cover shipping costs, product appearance or damages caused by accident, abuse, misuse or alteration. A dated sales slip or order number (issued by a tech, dealer or J. Rockett Audio Designs) must accompany a product being returned for warranty service. Repairs without a return authorization number will be refused. Please allow four (4) weeks for warranty service. For more information please contact J. Rockett Audio Designs via our website at www.rockettpedals.com or call us at +1 (720) 936-8623. No other warranty is expressed or implied.

2,000 mA Distribution samples - Chart 1

Outputs	Output with 9V	Output with 12V	Output with 18V	Output with 24V
Output 1	285mA	285mA	285mA	285mA
Output 2	285mA	285mA	285mA	285mA
Output 3	285mA	285mA	285mA	285mA
Output 4	285mA	285mA	285mA	285mA
Output 5	285mA	285mA	285mA	285mA
Output 6	285mA	285mA	285mA	285mA
Output 7 - Out/Link	285mA	285mA	285mA	285mA

2,000 mA Distribution samples - Chart 2

Outputs	Output with 9V - uneven distribution	Output with 12V - uneven distribution	Output with 18V - uneven distribution	Output with 24V - uneven distribution
Output 1	125mA	312mA	750mA	466mA
Output 2	125mA	312mA	750mA	466mA
Output 3	125mA	312mA	100mA	466mA
Output 4	125mA	312mA	100mA	150mA
Output 5	500mA	250mA	100mA	150mA
Output 6	500mA	250mA	100mA	150mA
Output 7 - Out/ Link	500mA	250mA	100mA	150mA

The **JUICE JOINT** is very versatile. Above are some options with several mA draw scenarios. The amperage input max on both the barrel jack input and the USBc input is limited to 2 amps (2,000mA) but voltage input on the barrel jack (9v input as labeled) really has no limitations. The **USBc is limited strictly to 5v on the input, no more and no less**. With pedals, the main concern is milliamps and what a pedal may draw. Above shows “even” distribution of a 2 Amp (2,000mA) supply and how it would look if all of that output power was spread evenly throughout all 7 channels. **Input voltage does not have bearing on this.** You can spread the mA draw “evenly” throughout or “unevenly” throughout depending on each pedal’s needs. The great thing about not having isolated outs is that you will not leave unused mA’s on the table.

The second table shows examples of uneven distribution of your power. Keep in mind that any of these mA draw arrangements will be the same no matter what voltage input is supplied. It draws down from Amperage not voltage so depending on what amperage your power supply or battery might be you would divide the mA’s needed into the Amperage supplied by your power supply. For example, our JUICE power supply provides 2 Amps (2,000mA) so you would divide the 7 outputs into the 2 Amps as an “even” spread which would leave you with chart 1 examples and an “uneven” distribution would leave you with chart - 2 examples.