



# GENX8 MANUAL

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## 1. INTRODUCTION

TheGigRig GENX8 is the latest member of TheGigRig Modular Power Supply system. It features eight isolated outputs capable of powering even the most current hungry pedalboards.



## 2. GENX8 DC OUTPUTS

**6 x 9VDC @ 500mA:** 4 individual 9VDC outputs capable of 500mA each. This is for your current hungry digital pedals from brands like Strymon, Eventide, Line6 etc. Each output will deliver exactly what these pedals need to operate at their best.

**2 x 9/12VDC @ 1000mA:** If you run valve OD's/preamps, or something like a H90, these will need a huge amount of current to keep the pedal operating in the range it needs to be. These two outputs can each deliver a massive 1000mA each at either 9 or 12VDC. For pedals such as Kingsley and Effectrode this amount of current is a must and is delivered beautifully by the GENX8.

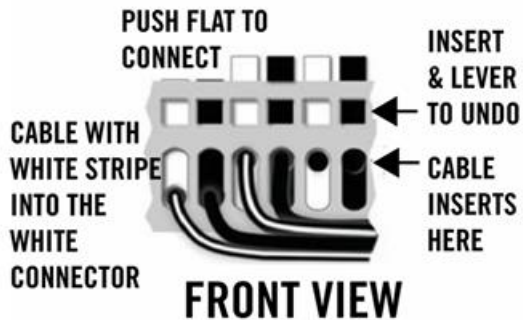
Each of the 1000mA outputs has two sets of connection tabs. It might be that you want to power a high current digital pedal and something else. The two sets of connection tabs for each of the 1000mA outputs gives you this option.

DC Input: Plug your DC power in here.

GenX8 is designed to work with the 24V DC power supply provided but it will work on a wide voltage range from 9-34V DC.

**IMPORTANT** - Whatever you put into the DC INPUT will appear on the LINK OUT. Using the supplied 24V power supply, you will get 24V on the link out.

### 3. THE GIG RIG CUT TO LENGTH DC CABLES

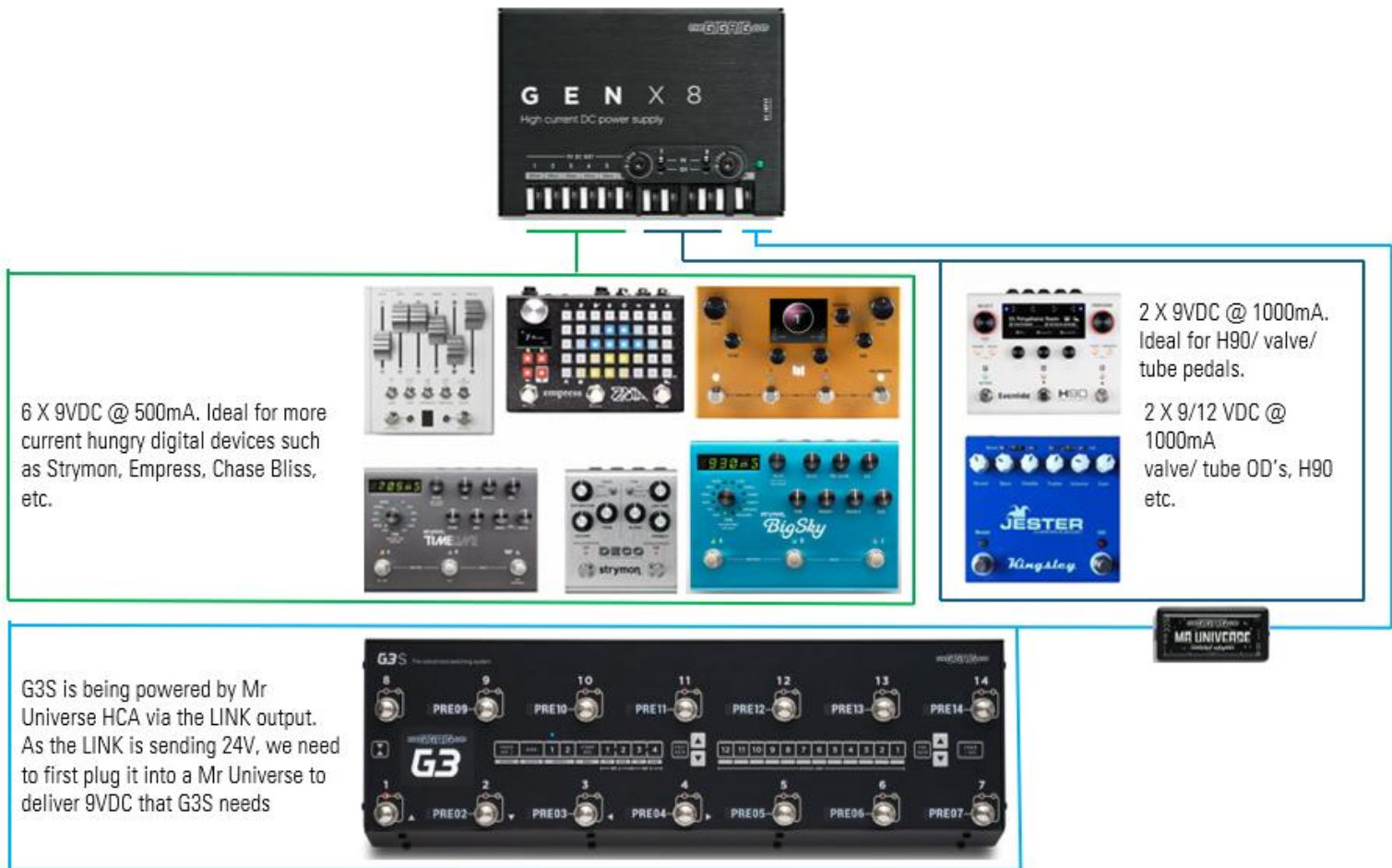


TheGigRig Cut-To Length DC Cable One of the features of our Modular Power Supply System is our cut to length DC cables. Measure out exactly how long it needs to be, cut it to length, and pop the end of the cables into the tabs and push flat. Once connected the cable is locked into position. You can of course remove the cable by levering up the tab. If any insulation is left in the tab simply lever the tab all the way out and poke the left over insulation out with a paperclip or something similar

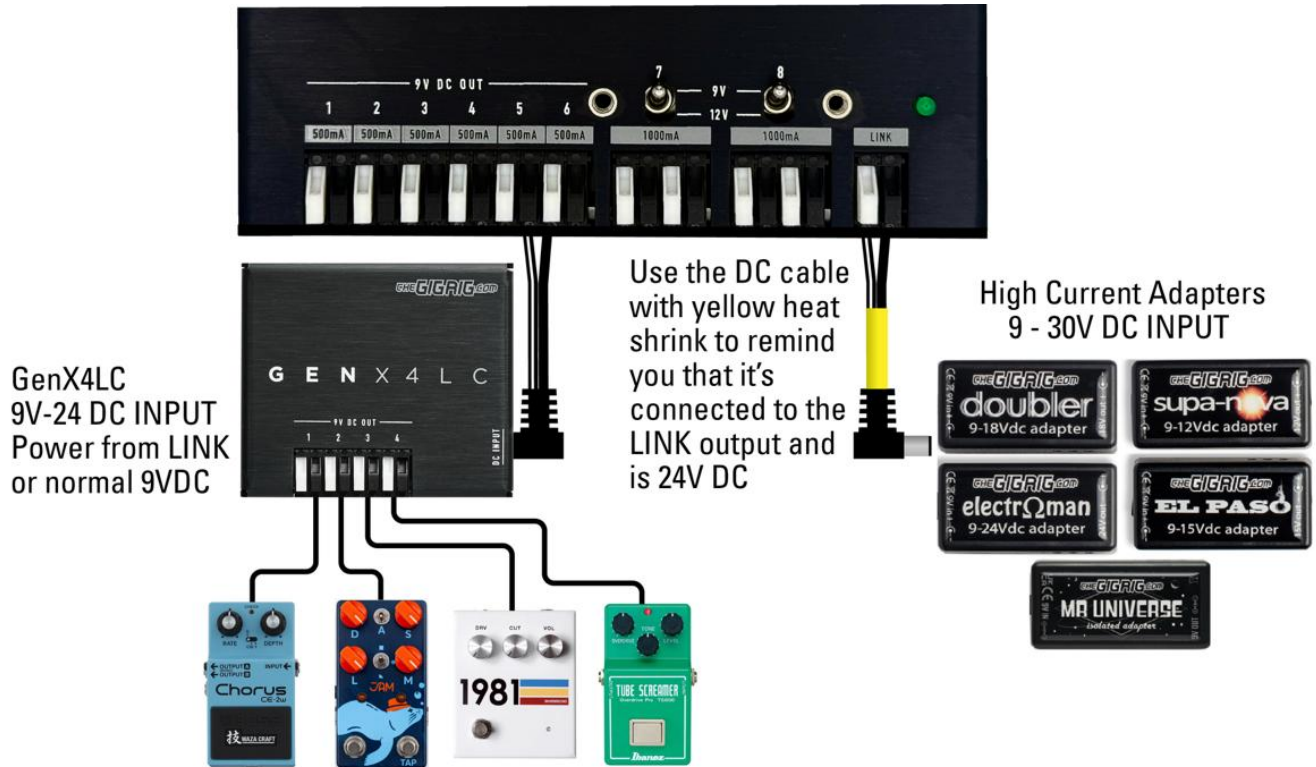


**LOCK GUARD:** To ensure you don't accidentally send the wrong voltage into any of your expensive pedals we've provided a LOCK GUARD on the switch. If you want to swap the voltage simply undo the two hex screws, remove the lock guard, and flick the switch. Reattach the LOCK GUARD once you've changed the voltage.

## 4. SET UP EXAMPLE

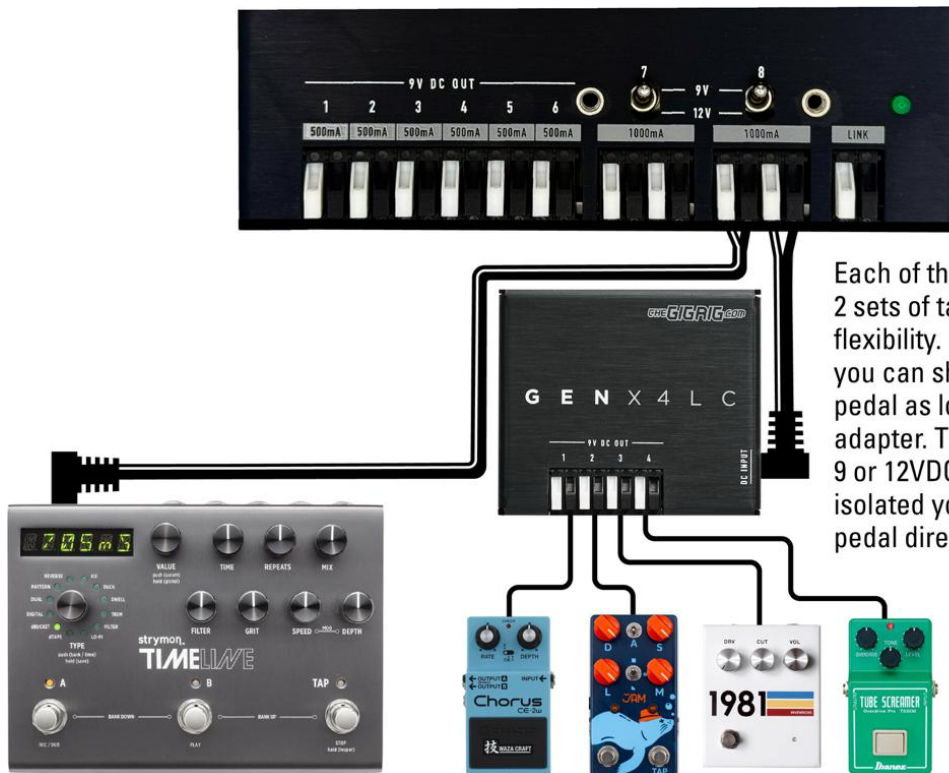


## 4.1.UNDERSTANDING THE LINK OUTPUT





## 2. USING BOTH SETS OF TABS ON THE 100mA OUTPUTS



Each of the 1000mA outputs has 2 sets of tabs in parallel for maximum flexibility. 1000mA is a lot of current so you can share the output with another pedal as long as one is isolated via an adapter. The GenX4LC can run on either 9 or 12VDC and because its completely isolated you can power that and another pedal direct from the second tab.



## 5. FAQ's

### Is this ok to use in the USA?

You can use GeX8 in any country in the world. The 24V power supply that comes with the GenX8 will adapt to any international input voltage, as will our Generator power supply. Either of these supplies can be used but we'd recommended the supply provided for current hungry pedalboards.

**Can I power the Quad Cortex?** The Neural Quad Cortex needs 12V@2000mA. If you sum the two 12v@1000mA outputs on GENX8 with a current doubling cable then yes, there's enough there to power the Quad Cortex.

### What do I do if I need more outputs?

GENX8 is designed to operate as part of TheGigRig Modular Power Supply system so adding things is simple. If you need lower current 9V outputs, add an Isolator ISOx4LC, if you need a different voltage such as 24V for an older Electro-Harmonix pedal you can add an ElectroMan 9-24V High Current Adapter.

### What's the best way to attach GenX8 to my pedalboard?

We recommended using pedalboard tape to attach GENX8 to loop Velcro or double-sided tape to attach to a dry flat surface. The supplied 24V power supply can live either on or off the pedalboard. If it is to live on the board attach the same way.

### Can I power GENX8 with my Generator?

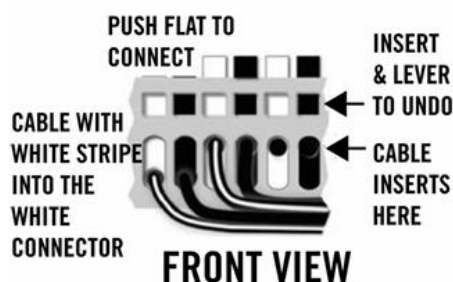
GENX8 will work with any 2.1mm centre negative supply between 9V-36V. The 9V Generator will work, but it will not run as efficiently as with the supplied 24V power supply. For the vast majority of boards its absolutely fine but if you are using all the GENX8's outputs with everything pushing the limit of GENX8's current draw, then you may be overloading the Generator.

### How do I connect a dc cable?

To connect a DC cable to GENX8 simply cut the cable to length, and push the wire with the white stripe into the white tab, and the black wire into the black tab You MUST push the tabs flat to connect. Using the pair of pliers you use to cut the cable works well. Once connected its locked in place.

### How do I reuse a dc cable?

Lever up the tab then pull the wires out. If the wires are stuck make sure the tabs are all the way up, then pull the wires free. If there is any insulation from the wires left over in the tabs simply lever the tabs all the way out and poke the insulation out of the tab before returning it to its place. Cut the cable the length you want it and push the tabs flat.



## 6. POWER PATH DIAGRAM SERVICE

Power can be complicated. With so many pedals operating on different voltages, different current draw demands, different plug sizes and polarities, its east to get confused. We offer a service where we will tell you exactly what is needed to power everything on your board. Click the link, enter the details and we'll respond with a diagram and a link through to get everything you need.

<https://shop.thegigrig.com/custom-power-path-diagram-service/>



## 7. TECHNICAL SPECIFICATIONS

### Dimensions:

#### GENX8:

**Length:** 11.4cm / 4.48"

**Width:** 8.2cm / 3.22"

**Height:** 2.8cm / 1.10"

#### 24V Power Supply:

**Length:** 13.2cm / 5.19"

**Width:** 5.7cm / 2.24"

**Height:** 3.2cm / 1.25"

### Power

6x 9V @ 500mA

2x 9V or 12V @ 1000mA



## 8. WARRANTY

The GigRig warrants this product to be free from defects in material and workmanship for **12 months** (or legal standard for country of delivery) from the date of original purchase.

If the product fails within the warranty period, The GigRig will repair or replace it at our discretion and cover return shipping. This warranty applies when used as recommended. It does not cover:

- Loss, theft, misuse, abuse
- Unauthorized modification or improper storage
- Lightning or natural disasters

Damage from the above may incur a non-warranty repair fee.

This warranty is not transferable to a new owner should you sell the pedal.

Legal:

In the event of malfunction, the purchaser's sole remedy is repair or replacement. The GigRig is not liable for:

- Lost profits or savings
- Damage to other equipment
- Incidental or consequential damages

The GigRig's liability will not exceed the original purchase price. All warranties other than those expressly stated are disclaimed.

Disposal:

No batteries or lead inside. Return to TheGigRig Ltd or follow local electrical disposal regulations.

Do not dispose of in household waste.

Copyright & Legal

- TheGigRig is protected by copyright, patent, and design registration.
- 'GigRig' is a registered trademark (No. 2343300).
- Unauthorized copying of design or functionality for commercial gain may lead to legal action.
- Licenses may be granted to non-competing companies.

Compliance:

- RoHS Compliant
- Compliant with EN 60950
- Power supply approved for USA and EU regulations (see separate instructions)

Manufacturer:

The GigRig Ltd, Unit 15 Whitehill Industrial Pk, Royal Wootton Bassett, SN4 7DB

Authorised Representative:

EAS – Mustamäe tee 50, 10621 Tallinn, Estonia

Warnings:

For indoor use only. Keep away from water and children

