

## Attaching of CIOKS link range power supply to a Pedaltrain pedal board

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This document should help you to attach a CIOKS link range power supply to a Pedaltrain pedal board.

### Considerations before you start

#### Power supply on top or underneath the pedal board?

The first question is whether you want to have the power supply on top or underneath the board. Top placement gives you easy access to outlets, settings switch, mains power cord, mains voltage selector switch and you always have a clear view on the LED indicators showing you the status of all isolated sections. If there's any kind of faulty situation, like an overload or a shorted cable, you can locate it just by a glance at the status LEDs. Attaching the unit underneath the board gives you limited access to the mentioned features since you need to flip your pedal board but gives you more valuable space on top for your pedals.

#### Space underneath the pedal board

All CIOKS link range power supplies are 88mm deep. According to information received from John Chandler, CEO of Pro Stage Gear/Pedaltrain, there should be a minimum 89mm space between the bars/slats below the pedal boards, allowing accommodating any of CIOKS link range power supplies in the space between. No modifications or taller feet are needed with Pedaltrain models PT-Jr, PT-1, PT-2, PT-3, PT-PRO or PT-Grande. If you have one of the small PT-nano or PT-mini, there is not enough high to fit a CIOKS link range power supply. In case of these two Pedaltrain models you'd have to raise the whole board with ex. taller feet. Whether you wish top or underneath placement, everything needed to attach the unit to the board is included with the power supply, no additional screws or mounting kit is in the box.

#### Flex cables length

When planning where to attach the power supply to your Pedaltrain board in terms left, middle, right you must take into consideration the lengths of the Flex cables, both those which were included with your unit and those you can buy additionally. Make sure they all can reach from the right outlet of the power supply to the input socket of the particular pedal. This consideration is crucial with the bigger pedal boards like the PT-PRO or PT-Grande. All Flex cable types are available in 30 and 50cm length where type 1 (black, BOSS standard) and type 4 (green, for Eventides or ex. 24V EHX pedals) are also obtainable in 80cm length. Now where the new Extension Flex is also obtainable you can get an extra 50cm on any Flex cable to reach the most far away pedals from the power supply.

#### AC mains inlet and courtesy AC mains outlet

Please also consider where you wish to have the power supply's AC mains inlet so you easily can plug in the mains power cord to the unit. Also if you plan to add one more link range power supply and power it from the courtesy AC mains outlet using the LINK adapter, there should be enough space for this next unit and the adapter plus a bit extra.

CIOKS LINK range power supplies underneath or on top of a Pedaltrain board.

## What is included with a link range power supply?

With the power supply unit you get three screws, three spring washers, three stand-offs and a hex key. All these parts shown below are in a little zip-bag included with the power supply in the black cardboard box.



## Underneath a Pedaltrain pedal board

Following step-by-step guide shows how we mounted the Schizophrenic link power supply underneath a Pedaltrain Junior PT-Jr pedal board. The procedure is exactly the same with the Big John link or AC Rider link. When mounting the CIOKS/Eventide PowerFactor 2 you just need 4 instead of 3 sets of a screw, spring washer and stand-off.

First attach the three stand-offs to the treaded holes in the bottom of the power supply as shown on the pictures below. The spring washers should be placed between the power supply and the stand-offs. You don't have to remove the rubber feet when mounting a link power supply underneath a Pedaltrain board.



Now place the power supply underneath the pedal board in the spot where you plan to attach it and rethink whether the position you've chosen is ok. Now you're ready to make the holes. To drill the holes in exactly the correct position it's a good idea to have a template. All the leaflets for the link range power supplies can function as your template. The following two pictures show two of the five drill centre marks on the text side of one of the leaflets (they are not very clear). If you don't have one of the leaflets you can make your own template out of a piece of paper which is the same size as the power supply (130x88mm). Place this piece of paper on the bottom of the unit and simply punch the holes positions out with a pen.

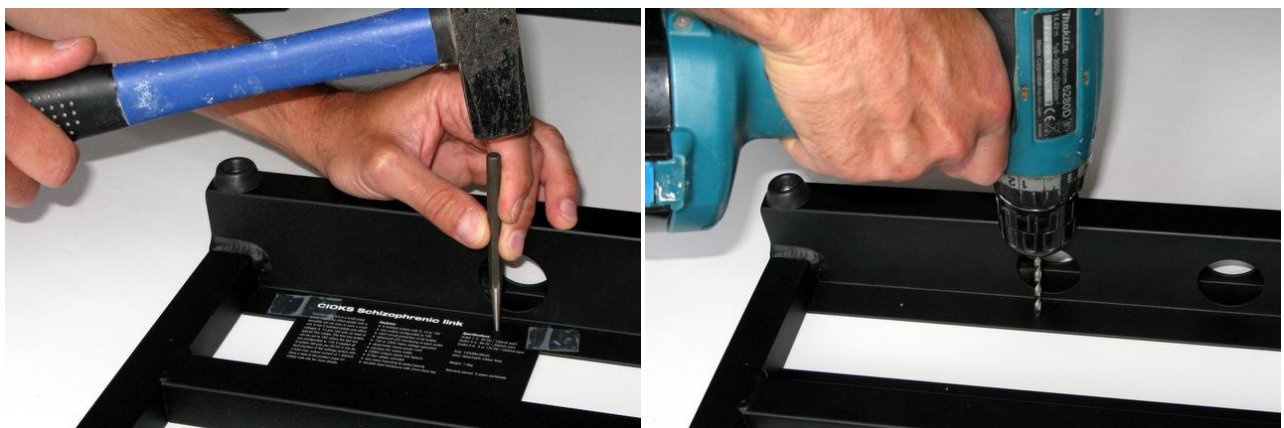
CIOKS LINK range power supplies underneath or on top of a Pedaltrain board.



The next two pictures show the power supply in the desired position and then the leaflet functioning as the drill template positioned and attached with tape in the exactly same place.



Now you can use a centre punch to mark where to drill the holes. We recommend to use a drill bit which is  $\varnothing 4,5\text{mm}$  in diameter.



Drill the three needed holes and use the screws to mount the power supply. The hex key needed to tighten the screws is included in the mounting kit. The screws go into the stand-offs, which were attached to the bottom of the power supply in one of the first steps of the mounting procedure.



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The next pictures show the mounted power supply both from top and from below of the board.



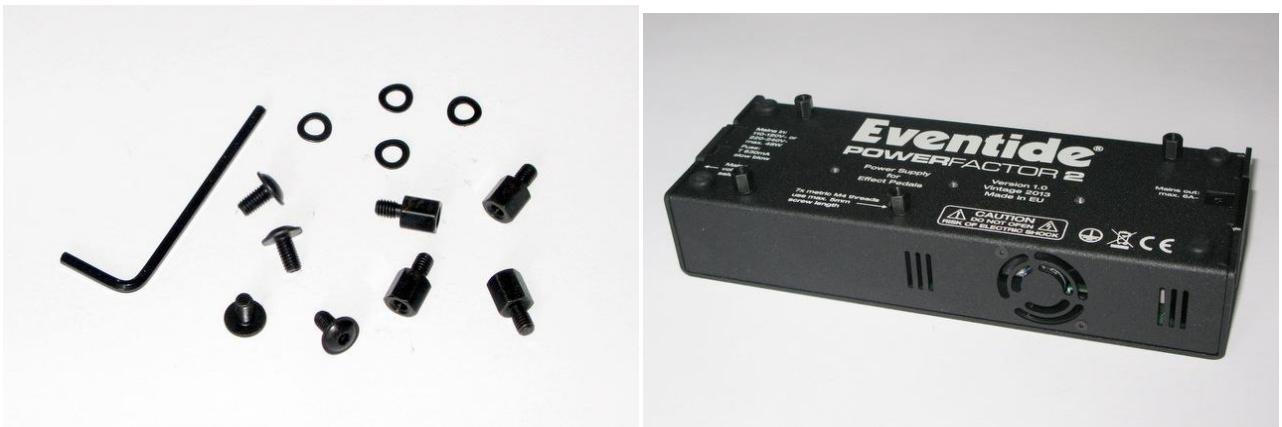
On the next page you see how two link range power supplies are mounted underneath a Pedaltrain board and powered with just one mains power cord. The LINK adapter is placed between the two units and passes the AC mains from the first unit to the second one. The AC Rider link on the right has a courtesy AC mains outlet free to be used as you please ex. with the universal mains adapter – the MAdA, described later in this document.

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## CIOKS/Eventide PowerFactor 2

If you wish to mount the CIOKS/Eventide PowerFactor 2 underneath a Pedaltrain board, the procedure is the same as with the Link range units, you just need to drill four holes instead of three. The four needed and included stand-offs should be attached as shown on the picture below.



## On top of any Pedaltrain pedal board

If you wish to attach a link range power supply on top of your Pedaltrain pedal board, please have a look at the following pictures, where we show the attachment of the unit in the most left top corner of a PT-Jr board. Other positions are of course also possible, just use minimum two screws to fasten the power supply to the board.

Prior to mounting you should remove the detachable rubber feet of the power supply. Use a template to mark the needed two holes for mounting the power supply flush with the back of the pedal board. Drill the holes and fasten the unit using just the screws. For top mounting you don't need the spring washers nor the stand-offs.

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CIOKS LINK range power supplies underneath or on top of a Pedaltrain board.



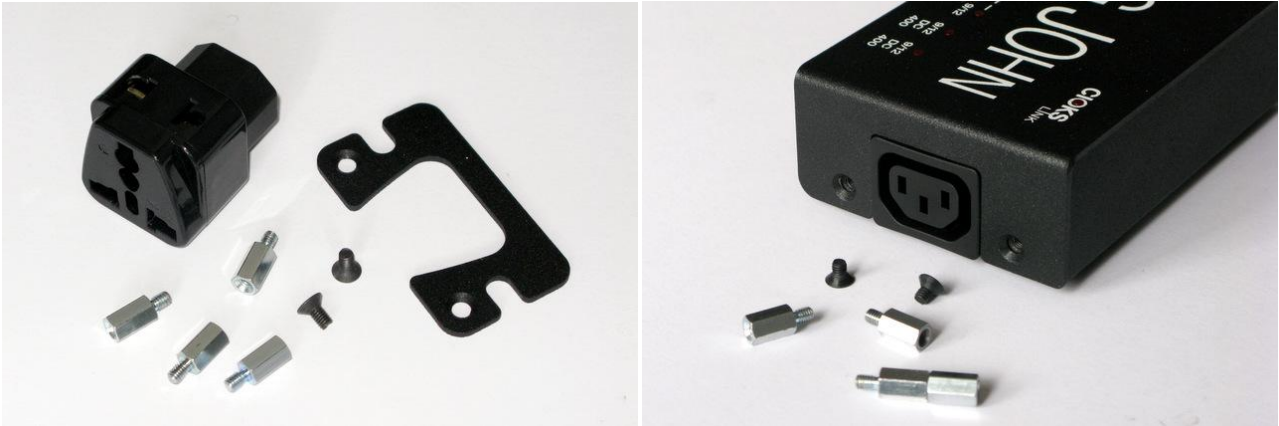
Go to the next page to see the the step-by-step mounting guide of the mains adapter and how it can be used to power one or two plug in adapters using the courtesy AC mains outlet of a link range power supply.

CIOKS LINK range power supplies underneath or on top of a Pedaltrain board.

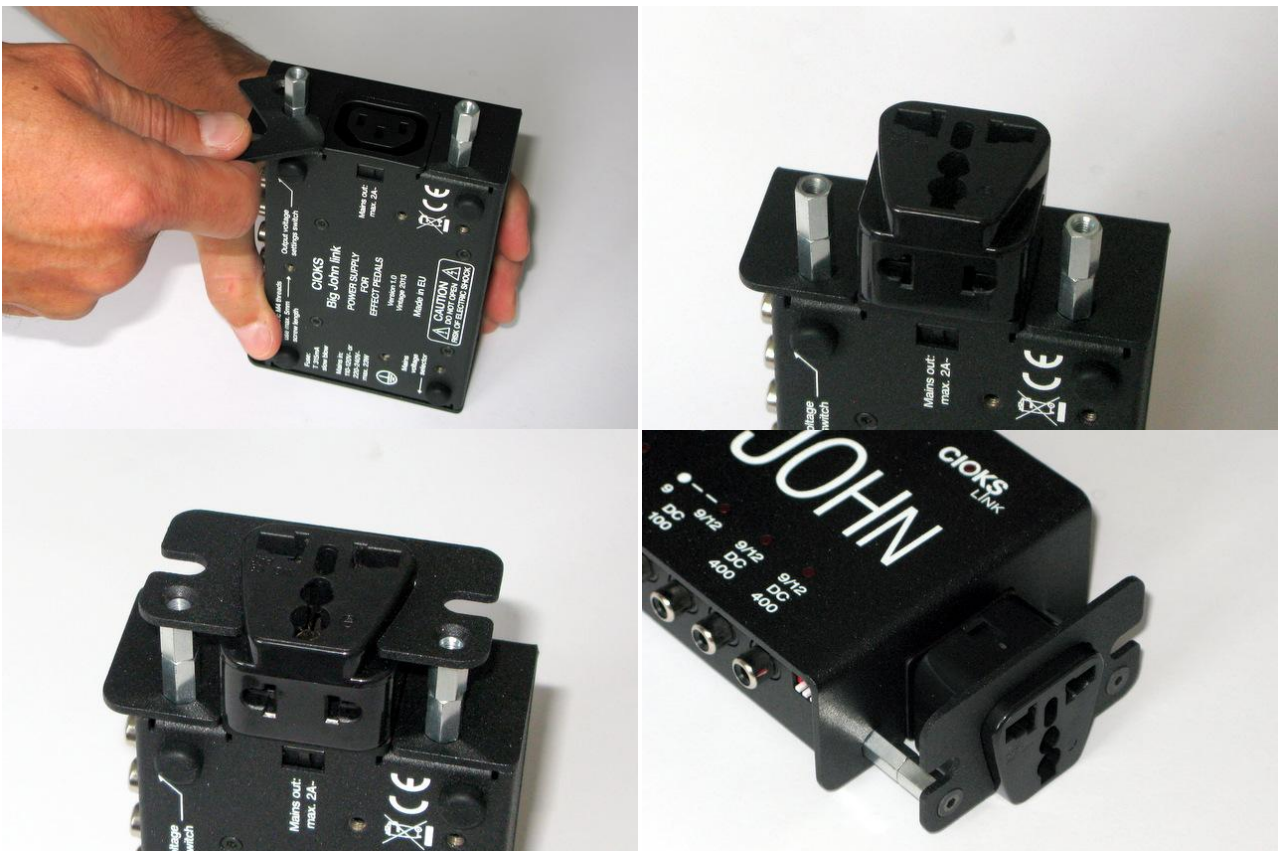
## MAda – Mains Adapter incl. mounting kit

The first picture shows what is included with the MAda – mains adapter incl. the mounting kit.

To attach the adapter using the mounting kit you need to remove the two screws on the same side of the power supply where the AC mains courtesy outlet is located. Screw the four stand-offs together into two pairs as shown.



Then attach the pairs of stand-offs to the power supply and tighten using the bracket as a wrench. Plug in the adapter and fasten the bracket on top of it using the included two screws.





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The next two pictures show the mains adapter attached to the Schizophrenic link power supply underneath a Pedaltrain Junior board.



When the link range power supply is mounted underneath the Pedaltrain board as described earlier in this document, the adapter allows powering of two different devices like ex. a plug-on adapter – one plugged in from the top and one placed underneath the board as shown on following two pictures.



To secure the connection you can use a rubber band or a cable tie to fix the adapter to the bracket as shown below.

