

## Not included accessories

### *Mains Link Adapter*

This adapter type allows you to link the DC5 to another link power supply and power several units using one single mains power cord. The DC5 will be the last unit in the chain since it lacks the AC mains auxiliary outlet.

### *More Flex cables*

To power one pedal using one outlet you simply use a single suitable standard Flex cable and that's it. In case the plug type or length you need is not included with your unit there's a big selection of standard Flex cables to choose from and to be ordered separately. In case of an odd voltage or current requirement you might need one of the Special Flex cables available. Please read more about these and how to use them on CIOKS web site. They really open up for even more versatility and flexibility in terms of what you can power with your unit.

## Powering different pedal types

This issue is different for every individual rig, therefore please e-mail your specific questions regarding powering your pedals using CIOKS power supplies directly to [support@cioks.com](mailto:support@cioks.com).

## Technical specifications

AC mains input: 110-120VAC 60Hz or 220-240VAC 50Hz, max. 23W

Outputs: Outlet 1-2: 9 or 12V DC / 100mA each, isolated  
Outlet 3: 9 or 18V DC / 100mA, isolated  
Outlet 4-5: 9 or 12V DC / 300mA each, isolated

Size: 130x88x31mm (excl. rubber feet)

Weight: 0,7kg

Warranty period: 5 years worldwide

## What's in the box?

- CIOKS DC5 link power supply
- mains power cord
- 10 Flex cables
- pedalboard mounting hardware (2 screws and a hex key)
- manual
- product sheet (drill template)
- Flex guide

# CIOKS DC5 link

## Power Supply for Effect Pedals

### User's Manual

reversion 1.1

## Introduction

Since 1991 the Danish company CIOKS has been providing guitar and bass players with reliable power supplies dedicated for effect pedals. After our very first product CIOKS Baby power supply was out in 1991, the Big John and Double Jack were launched in year 1995. After a long break three more units were introduced in 2007 forming our Standard range of dedicated power supplies for effect pedals. The big breakthrough came in year 2010 where we've released the first products of the professional range with the DC10 as the most popular product until now days. CIOKS became global with distributors and dealers worldwide. To mark our 20<sup>th</sup> anniversary in year 1991 we made one of the biggest, most powerful and advanced power supply for pedals – the CIOKOLATE. It's still a one stop solution for many guitar players. To follow our slogan "More power, more features, more design", we have in year 2012 released the link range. Three of the Standard range products have been dramatically upgraded and went through a spectacular face-lift, where the only thing left were their original names. CIOKS Schizophrenic link, Big John link and AC Rider link were released in 2013. The following year our smallest product, ADAM power supply came out and instantly became our second biggest hit. In cooperation with Eventide we made the Eventide Power Factor power supply which has now been updated and available in a link version being the first product in the new professional link range.

In year 2015 we've launched our second professional link range product – the DC5 link power supply. A perfect match for the flat pedalboards like the Pedaltrain nano, mini or metro types. Toroidal transformer, super flat design, small, light weighted but still powerful enough to power any two Strymon, Eventide or other high current pedals of the two high current outlets. The remaining three will at lower currents provide 9, 12 or 18V or even 24V with series adapter Flex. DC5 link is also a nice 5 isolated outlets add-on to any other CIOKS link PSU.

## Features

- 5 isolated outlets with a total output current of 900mA
- two 300mA outlets configurable to either 9 or 12V
- three outlets with 100mA each with voltages 9, 12 or 18V
- toroidal transformer
- short circuit protection of all outlets
- advanced LED monitoring of each outlet
- 120 or 230V mains voltage operation
- detachable mains power cord
- CIOKS unique mains link feature
- 10 Flex cables included

## Overview

### Right side

On the right side of the enclosure you'll find 4 outlets of the power supply as RCA sockets which all are centre positive. Correct polarity for the pedal is achieved by using the right Flex.

### Top

CIOKS logo has a red LED placed in the middle of the letter 'O'. When this LED is lit the power supply is connected to mains and operates.

On top of the enclosure you see the output voltage and max. current rating of each outlet printed just to the left of the outlet sockets. The top figure is the voltage and the DC in the middle line tells you it's a direct current outlet. Outlets with two possible voltage settings have both values stated ex. 9/12. The bottom figure states the maximum current capability of each outlet in mA.

The status of each isolated output is shown by a LED indicator also situated on top of the enclosure. The function of this advanced and unique monitoring feature is described in detail later on.

The red settings switch with five white knobs should be used to set the output voltage of each outlet. With all knobs to the left gives you the default 9V on all five outlets.

Knob no.	Function	Knob left (lo)	Knob right (hi)
5	Outlet 5	9V DC	12V DC
4	Outlet 4	9V DC	12V DC
3	Outlet 3	9V DC	18V DC
2	Outlet 2	9V DC	12V DC
1	Outlet 1	9V DC	12V DC

### Left side

On the left side of the enclosure you'll find the AC power input connector, which is a C6 type according to the IEC 60320 standard also used in many laptop adapters. On the same side as the AC mains input you'll find the mains voltage selector switch and fuse.

Mains voltage selector switch should be used for setting the correct mains voltage range. The 115V setting gives you 110-120V operating range and the 230V setting 220-240V range.

The fuse is the only part which may be replaced by the user. In case it's blown, replace with a 5x20mm, T 315mA (slow blow/time lag) type.

### Bottom

The four detachable rubber feet are situated on the bottom of the enclosure. On this same surface you'll find 4 holes with metric M4 threads, which should be used for easy mounting of the power supply to a pedalboard. Do not use screws, which would go further than 5mm inside the unit. Have a look at the mounting guide on CIOKS web site.

## Getting started

First make sure that the voltage value chosen on the voltage selector switch matches the mains voltage in your wall socket. Connect the mains power cord to the power supply and mains. Using the right Flex cable types connect your pedals to the outlets of power supply making sure that the voltage and current is correct for every pedal.

## Advanced LED Monitoring feature

Each isolated outlet has its individual LED status indicator. The indicator is fully lit in normal operation of a particular outlet. Its light gets dim when you operate just on the edge of the current limit. If you overload or short circuit an outlet, the respective LED indicator turns off.

The LED indicators also show you the voltage set by the settings switch. In case a higher voltage than the default 9V setting is selected for a given outlet, its respective LED indicator will be lit with higher intensity than the other indicators.

All indicators take into account the actual level of mains voltage when monitoring a possible overload. The current limits for each outlet or section of the power supply are specified at nominal level of the mains voltage. In Europe it's 230V and 120V in e.g. United States. If the mains voltage is higher than nominal, you can draw more current from the power supply than stated in the specifications. This would never be a problem. A more common situation though, is when the mains voltage is lower than nominal. In such a case maximum current ratings for each outlet or section might be diminished.

The advanced LED monitoring of each isolated outlet will alert you in case of an overload or short circuit. If such a situation happens you know where to look to solve the problem. A glance at the LED status indicators and you have proof of 100% clean power to your pedals.

## Included accessories

### Flex cables

CIOKS offers a great selection of different Flex cable types for connection your pedals to the power supply. Below you see a list of the included Flex cables with your unit:

- Type 1 – black with 5,5/2,1mm centre negative DC-plug x5
- Type 2 – red with 5,5/2,1mm centre positive DC-plug x1
- Type 4 – green with 5,5/2,5mm centre positive DC-plug x1
- Type 5 – black with 3,5mm tip positive jack-plug x1
- Type 6 – black with 9V battery clip x1
- Type 1 – Split Flex (to power two pedals of one outlet) x1

### Mounting hardware

We've included all the needed hardware to mount the power supply on top or underneath a Pedaltrain or Temple Audio pedalboard. You can of course also attach it to boards of other brands. Look on CIOKS web site for more information and mounting guides.