

## Powering different pedal types

Each individual rig is different, therefore if you have questions about using the SOL, please e-mail your detailed questions including the power requirements of your specific pedals directly to [support@cioks.com](mailto:support@cioks.com).

## Technical specifications

AC mains input: 100-240VAC, 50-60Hz, max. 42W

Outlets 1-5: 9V DC / 660mA or  
12V DC / 500mA or  
15V DC / 400mA or  
18V DC / 330mA each

Total maximum output power: 30W

Size: 130x88x25,4mm (5.2x3.5x1.0”), excl. rubber feet

Weight: 0,4kg (0.9lb)

Warranty period: 5 years worldwide

## What's in the box?

- CIOKS SOL power supply
- Mains power cord
- 9 Flex cables
- Mounting hardware (2 screws and a hex-key)
- Manual
- Product sheet (drill guide)
- Flex guide

# CIOKS SOL

Power Supply for Effect Pedals



**User's Manual**  
Version 1.0 – August 2022

## Introduction

Since 1991, the Danish company CIOKS has been providing guitar and bass players with reliable power supplies dedicated for effect pedals. CIOKS SOL power supply is part of our Future Power Generation range of professional power supplies. CIOKS SOL provides 5 isolated high current outlets for pedals.

## Features

- Slim 1-inch profile (25,4mm) and low weight of only 0,4kg (0.9lb)
- 2-stage switch-mode power supply topology
- Ultra-low noise achieved by multi-stage filtering and innovative regulation feedback system
- 5 isolated DC-outlets, 6W each (660mA at 9V on each outlet)
- 4 selectable voltages on each outlet (9, 12, 15 or 18V)
- Individual status LED on each outlet and global status LED
- Total maximum output power of 30W
- Use anywhere in the world, universal mains input voltage 100-240V AC
- Mounting hardware for Pedaltrain and Temple Audio boards is included
- Compatible with CIOKS GRIP ver. 2.0 for drill-free Pedaltrain mounting
- 9 Flex cables included
- Designed in Denmark, assembled in Poland
- 5-year worldwide warranty

## Overview

### *Left*

On the left side you will find the AC mains input as a standard IEC C14 socket.

### *Right*

On the right side you have the five DC outlets 1-5.

### *Top*

CIOKS logo has a red LED placed in the middle of the letter 'O' and this functions as a global status indicator. For each outlet you have a voltage selector switch and an advanced LED indicator. A legend in the middle shows the voltage switch settings with corresponding output voltage values and the maximum current rating at the selected voltage.

### *Front*

The two holes in the front with metric M4 threads are to be used with the GRIP bracket ver. 2.0 (sold separately) for mounting to Pedaltrain boards with no drilling required.

### *Bottom*

The four detachable rubber feet are situated on the bottom of the enclosure. On this same surface you will find 3 holes with metric M4 threads, which should be used for mounting of the power supply to a pedalboard.

## Getting started

Connect the mains power cord to the power supply and AC mains. Set the output voltage for a given outlet to either 9, 12, 15 or 18V depending on the needs of the particular pedal to be powered. Using the right Flex cable type connect your pedal to this outlet. Repeat this with your remaining pedals.

## Advanced LED Monitoring feature

Each isolated outlet has its individual LED status indicator. The indicator is lit in normal operation. The LED light gets dim when you operate just on the higher edge of the current mA limit for the voltage you have chosen on the given outlet. If you overload or short circuit an outlet, the respective LED indicator turns off. The light intensity of the status LED will be higher when the output voltage is set to a higher value than 9V being 12, 15 or 18V.

## Global status indicator

If the SOL operates within its total maximum output power limit and everything functions normally the red LED inside the letter O in CIOKS logo will be lit. If the power supply is globally overloaded or overheated this global status indicator will turn off. This will only happen if the SOL is not ventilated sufficiently and the temperature inside the power supply gets too high or most of all five outlets are overloaded. The operation of the SOL is maintained and your pedals are still powered. The show must go on, but you are just about to lose it. If the overload is severe the SOL goes into hiccup mode and both the CIOKS LED and all five status LEDs will be pulsing. The power to your pedals is cut off. The SOL in hiccup mode will not damage your pedals.

## Pedalboard mounting

### *Pedaltrain*

For CIOKS SOL we recommend three ways of mounting to a Pedaltrain pedalboard. The most solid way is using the drill template to drill two diagonally positioned  $\varnothing 4,5$  or  $\varnothing 5,0$ mm holes in the pedalboard and fasten the SOL to it with the two included screws. An easy alternative way is to use the GRIP bracket where no drilling is needed. Due to the SOL's extremely flat profile and low weight you can use Dual-Lock tape or industrial Velcro to fasten it below any type of Pedaltrain pedalboard.

### *Temple Audio*

The three threaded holes in the bottom of CIOKS SOL are aligned with the grid of the Templeboard and allow for very easy mounting on top or below any Temple Audio pedalboard with the included 2 screws. We recommend using the two holes positioned diagonally. If you want to make a distance between the board's surface and the SOL to allow space for the Temple Audio finger screws you should get a set of three 8mm hex stand-offs with matching screws (order no. 3HEX) and then use these with all three threaded holes in the bottom of the SOL.

### *Other pedalboard types*

For other types of pedalboards we recommend using one of the four mounting methods described in the Pedaltrain or Temple Audio sections above or by other means using some of the five threaded M4 holes and metric M4 screws. Remember not to penetrate the SOL by more than 5mm with the screws used.

## Included accessories

### *Flex cables*

CIOKS offers a wide 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:

- Standard Flex type 1 – black with 5,5/2,1mm centre negative DC plug x5
- Standard Flex type 2 – red with 5,5/2,1mm centre positive DC plug x1
- Standard Flex type 4 – green with 5,5/2,5mm centre positive DC plug x1
- Split Flex type 1 – black with two 5,5/2,1mm centre negative DC plugs x1
- 3-way daisy chain Flex type 1 – black with three 5,5/2,1mm centre negative DC plugs x1

Split Flex should be used if you would like to power two pedals with the same voltage using only one outlet. In the same manner you should use the 3-way daisy chain if you wish to power three pedals of one outlet. For further information about Flex cables please have a look at the included Flex cable selection guide or visit CIOKS web site.

### *Mounting hardware*

We have included all the needed mounting hardware to mount the power supply on top or underneath a Pedaltrain or a Temple Audio pedalboard. You can of course also attach it to other types of pedalboards.

## Not included accessories

### *The GRIP*

This patent pending bracket can be purchased separately and is an easy and drill-free way to mount CIOKS SOL below any Pedaltrain board except the smallest Nano model.