Powering different pedal types
Each individual rig is different, therefore if you have questions about using the DC7, please e-mail your detailed questions including the power requirements of your specific pedals directly to support@cioks.com.

Technical specifications

AC mains input: 90-265VAC, 50-60Hz, max. 58W

Outlets 1-7: 9V DC / 660mA or
12V DC / 500mA or
15V DC / 400mA or
18V DC / 330mA each

USB outlet: 5V DC / max. 1A
AUX outlet: 24V DC / max. 2A

Total maximum output power: 48W when drawn from the AUX outlet only
42W when drawn from Outlets 1-7 and the USB outlet

Size: 160x88x25,4mm (6.3x3.5x1.0”), excl. rubber feet

Weight: 0,5kg (1.1lb)

Warranty period: 5 years worldwide

What’s in the box?

- CIOKS DC7 power supply
- Mains power cord
- 12 Flex cables
- Mounting hardware (2 screws and a hex-key)
- Manual
- Product sheet (drill guide)
- Flex guide

CIOKS DC7

Power Supply for Effect Pedals

User’s Manual

Version 1.21 – October 2021

Introduction

Since 1991, the Danish company CIOKS has been providing guitar and bass players with reliable power supplies dedicated for effect pedals. CIOKS DC7 power supply is part of our Future Power Generation range of professional power supplies. CIOKS DC7 provides 7 isolated high current outlets for pedals plus a 5V USB outlet providing power for a smartphone or tablet. Aside the USB outlet you have a 24V DC auxiliary outlet making it possible to expand the DC7 with additional isolated outlets with CIOKS 4 or CIOKS 8 Expander power supplies.

Features

- Slim 1-inch profile (25,4mm) and low weight of only 0,5kg (1.1lb)
- 2-stage switch-mode power supply topology
- Ultra-low noise achieved by multi-stage filtering and innovative regulation feedback system
- 7 isolated DC-outlets, 6W each (660mA at 9V on each outlet)
- 4 selectable voltages on each outlet (9, 12, 15 or 18V)
- Charge your phone or tablet with 5V USB outlet (max. 1A)
- Expand via 24V AUX outlet with CIOKS 8 or CIOKS 4 units for more isolated outlets
- Individual status LED on each outlet and global status LED
- Built-in true power meter showing the total load
- Total maximum output power 48W
- Use anywhere in the world, universal mains input voltage 90-265V AC
- Mounting hardware for Pedaltrain and Temple Audio boards is included
- Compatible with CIOKS GRIP for drill-free Pedaltrain mounting
- 12 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 and outlets 1-3 for powering pedals.

Right

On the right side you have outlets 4-7, the 5V USB outlet and the 24V AUX outlet.

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. The three LEDs in the true power meter is also situated on the top of the enclosure. 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 (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.

True power meter

The three small 2mm LEDs on top of the DC7 form a true power meter showing the total load of the power supply. When none of these three LEDs are lit the total load is below 40% of the total available power. When the load is above 40% you see the green LED turn on. At loads higher than 70% both the green and yellow LEDs are lit. When you exceed the 90% of the total maximum load all three LEDs will be lit.

Global status indicator

If the DC7 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 this global status indicator will turn off. The operation of the DC7 is maintained and your pedals are still powered. The show must go on, but you are just about to lose it. If the global overload is severe or the 24V AUX outlet is short circuited the main AC/DC converter of the DC7 goes into hiccup mode and both the CIOKS LED and all seven status LEDs will be pulsing. The power to your pedals is cut off. The DC7 in hiccup mode will not damage your pedals.

Pedalboard mounting

Pedaltrain

For CIOKS DC7 we recommend three ways of mounting to a Pedaltrain pedalboard. The most solid way is using the drill template to drill two diagonally positioned ø4,5 or ø5,0mm holes in the pedalboard and fasten the DC7 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 DC7'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 DC7 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 DC7 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 DC7.

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 DC7 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 x7
- 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
- Standard Flex type 5 – black with tip positive 3,5mm Jack 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 DC7 below any Pedaltrain board except the smallest Nano model.

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