

ROCKBOARD RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs



# ROCKBOARD RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs Instruction Manual

[Home](#) » [ROCKBOARD](#) » ROCKBOARD RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs Instruction Manual 

## Contents

- 1 [ROCKBOARD RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs](#)
- 2 [Product Usage Instructions](#)
- 3 [MAIN FEATURES](#)
- 4 [CONNECTION AND USE](#)
- 5 [MOUNTING](#)
- 6 [SPECIFICATIONS](#)
- 7 [FAQ](#)
- 8 [Documents / Resources](#)
  - 8.1 [References](#)



## ROCKBOARD RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs



## Specifications

- 9 electrically isolated 9 VDC power connections
- 1 5V USB connection
- Highly filtered power supply for effect pedals
- Short-circuit protection for each power slot
- LED indicators for healthy connections

## Product Usage Instructions

### Connection and Use

1. Connect the included power adapter to the DC IN input socket of the MOD ISO DC 1.
2. Insert the correct regional plug adapter into the power adapter.
3. Connect the power adapter to a mains power outlet – power indicator LED will light up.
4. Use the included power cables to connect your 9 VDC effect pedals to the MOD ISO DC 1. The output LED will light up when a pedal is connected.

**NOTE:** If the LED does not light up or turns off after a while, the shortcut protection was triggered, indicating a problem with your pedal or connection cable.

**IMPORTANT:** Connect only effect pedals with a polarity of (-) center / (+) outside and requiring 9 VDC input voltage. Ensure the current draw of your effect pedals does not exceed the maximum current output of each slot.

### Mounting

#### Front:

- Power LED – lights when power is supplied
- Output LED – lights when pedal is connected
- 5 V USB-C / 2000 mA output
- 9 VDC / 500 mA output for external effects

#### Back:

- Strain relief clamps for connected cables
- 8 x 9 VDC / 300 mA outputs for effects on the pedalboard
- Alternate 24 VDC input jack; plug in power adapter here

### DESCRIPTION

The Power MOD ISO DC 1 is a multi-power supply for effect pedals and provides up to 9 electrically isolated, highly filtered 9 VDC power connections and one 5V USB connection. The multi-power supply is designed to provide noiseless power to up to 9 effects pedals simultaneously.

Sophisticated filtering technology effectively eliminates high-frequency noise. Separate short-circuit protection for each power slot protects the connected effects pedals from damage in the event of a short circuit. Separate LED indicate healthy connections for individual each slot. Should a short circuit occur, only the affected power slot is switched off, leaving the rest of the effects rig operational.

### MAIN FEATURES

- Multi-power supply for effects pedals
- 9 transformer isolated and highly filtered 9VDC power slots
- Fits in a MOD slot on RockBoard® pedalboards
- Compatible with most other pedalboards
- Detachable front plate for mounting on top or underneath pedalboards
- Distributes 9 VDC power to up to 9 effect pedals (8 connections under the board + 1 connection on the outside for separate pedals) and can be used to charge a wireless device via USB-C
- 8 x 9 VDC, 300 mA each
- 1 x 9 VDC, 500 mA
- 1 x 5 VDC USB C, 2000 mA
- Advanced filter technology prevents high-frequency noise
- External mains transformer prevents low-frequency interference
- Virtually noise-free operation
- Input polarity protection
- Individual status LEDs and short circuit protection for all power slots
- Input voltage 24 VDC
- Incl. 1x 24 VDC power adapter (1.5 A) with exchangeable multi-regional plug adapters (EU, UK, US/CA, AU/NZ), input voltage 100-240V AC
- Incl. 9 x RockBoard® Flat Power Cable, 60 cm (for connecting effects pedals)

## PRECAUTIONS

### Connections

Always turn off the power to all other equipment before connecting or disconnecting. This will help prevent malfunctions and damage to any of the devices used. Daisy-chain connections can be used to power more than one pedal per output, but the total power required by the daisy-chained pedals must not exceed 300 mA (500 mA for front output).

### Cleaning

Clean only with a soft, dry cloth.

## POWER SUPPLY

The RockBoard® Power MOD ISO DC 1 is powered by an included 24 VDC power adapter, with a current output of 1.5 A. It is rated for an input voltage of 100 to 240 volts and 47 to 63 Hz alternate current.

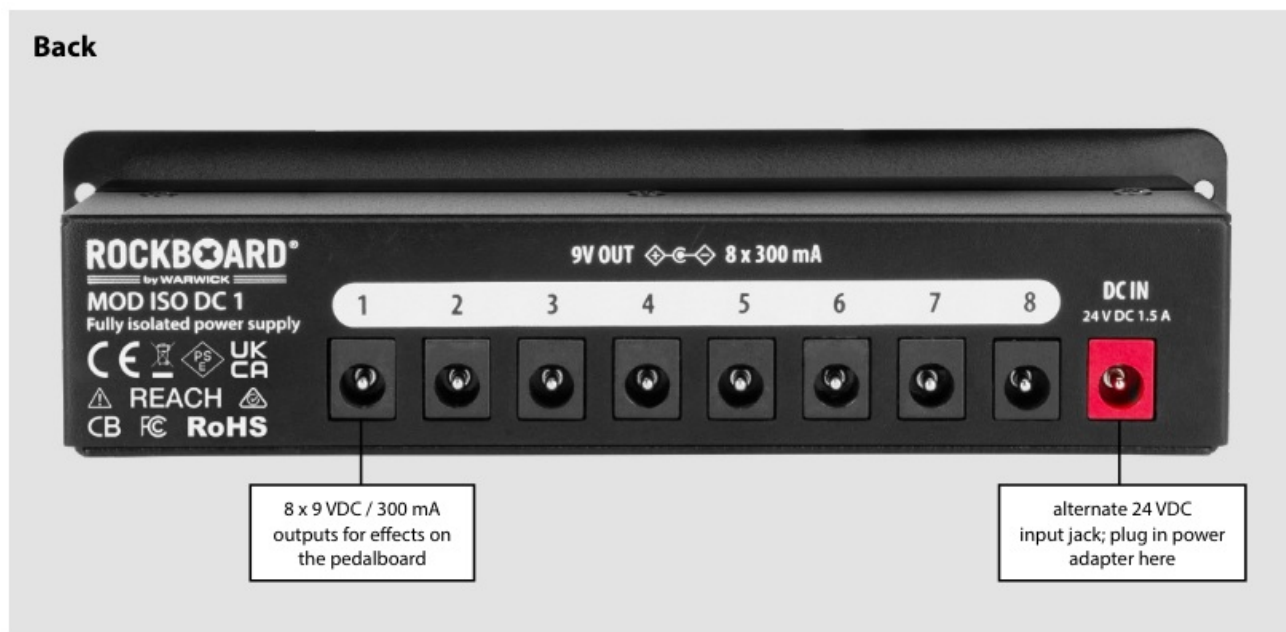
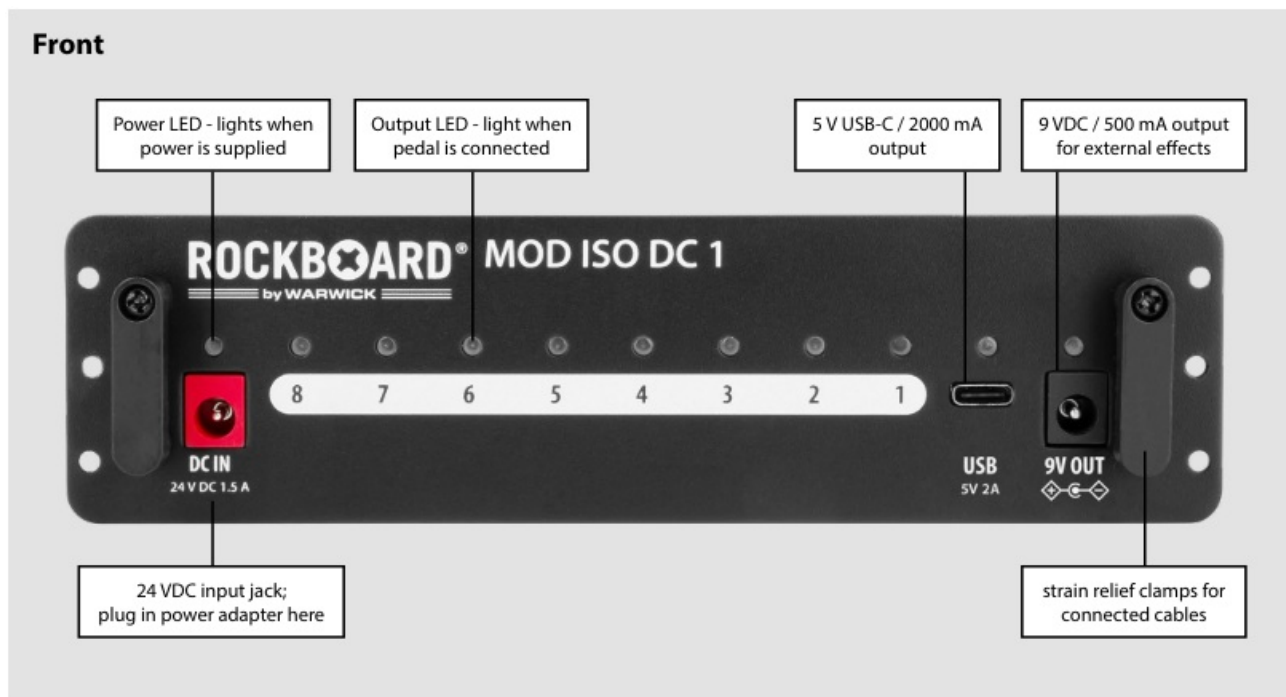
**CAUTION:** Please only use the included power adapter or one with identical specifications to avoid overheating and damage to the unit.

## CONNECTION AND USE

1. Connect the included power adapter to the DC IN input socket of the MOD ISO DC 1 (on the front or on the back side).
2. Insert the correct regional plug adapter into the power adapter.
3. Connect the power adapter to a mains power outlet – the power indicator LED will light up.
4. Use the included power cables to connect your 9 VDC effect pedals to the MOD ISO DC 1. The individual output LED will light up when a pedal is connected.

**NOTE:** If the LED does not light up or turn off after a while, the shortcut protection was triggered and there is a problem with your pedal or the connection cable.

**IMPORTANT NOTE:** To prevent damage to your effect pedals, make sure to connect only effect pedals with a polarity of (-) center / (+) outside and requiring 9 VDC input voltage. Please also check that the current draw of your effect pedals does not exceed the maximum current output of each slot.



## MOUNTING

There are multiple options to mount your new MOD ISO DC 1 onto a RockBoard® pedalboard. You can mount it directly into the MOD slot (available on all RockBoard® pedalboards except the DUO Series) or detach the MOD's front plate and mount it on top or underneath your pedalboard.

### Mounting on a RockBoard® pedalboard

Please follow the steps below to mount your MOD into the MOD slot of your RockBoard® pedalboard.

### STEP 1

Remove the rubber frame of your RockBoard®'s MOD slot.



### STEP 2

Turn the RockBoard® pedalboard upside down.



### STEP 3

MOD mounting screws are self-tapping, they will cut their own threads into the pre-drilled mounting holes in the RockBoard®'s front. Use a TX10 screwdriver to screw the mounting screws in and cut the threads. In case you do not possess a TX10 screwdriver, a wrench is included with the MOD. For the first couple of rotations the screws will be screwing with difficulty, as they have to cut the threads into the surrounding material. Please be careful not to screw them in at an angle.



### STEP 4

Once the tips of the screws are sticking out on the other side of the holes and the screws become easier to turn, the threads have been cut properly. Now remove the screws again.



### STEP 5

Next, load your chosen MOD from the front into the slot and screw in the mounting screws until the MOD's front plate sits flush with the face of the board.



## STEP 6

For added security, screw on the counter nut on the back. Now the MOD is ready to be connected to your setup! A simple solution to mount heavier MOD patchbays to your RockBoard® pedalboard in a safe and secure fashion is the RockBoard® MOD Brace (sold separately). The RockBoard® MOD Brace is designed to provide additional support for your MOD by reinforcing the connection to your RockBoard® pedalboard. For further information, please visit our website [www.rockboard.net](http://www.rockboard.net)



## Detaching the MOD ISO DC 1's front plate



To mount the RockBoard® MOD ISO DC 1 on top or underneath your pedalboard, you must detach the front plate, so it will fit flush onto/under the board surface.



Remove the marked screws to release the front plate from your MOD using a PH2 Phillips head screw driver. The mounting nuts of the jack sockets do not have to be removed!

### Mounting on a non-RockBoard® pedalboard

There are multiple ways to mount your MOD ISO DC 1 on a non-RockBoard® pedalboard. You can either mount it directly to the board surface using hook & loop tape or another reusable fastener. In addition, RockBoard® offers the MOD Rack (sold separately) to mount your MOD ISO DC 1 in various ways onto, into or underneath the pedalboards of other manufacturers. To mount your MOD ISO DC 1 using the RockBoard® MOD Rack, please refer to the MOD RACK manual. Please follow the steps below to mount your MOD ISO DC 1 on top of your non-RockBoard® pedalboard.

#### STEP 1

Detach the MOD's front plate by removing the marked screws.



#### STEP 2

Apply self-adhesive hook tape or another reusable fastener to the bottom of the MOD ISO DC 1 housing.



#### STEP 3

Apply self-adhesive loop tape or another reusable fastener to the position on top or underneath your pedalboard

where you want to place your MOD ISO DC 1.



#### STEP 4

Bring the two sides of hook & loop tape or your other reusable fastener together to attach your MOD ISO DC 1 to the pedalboard. Now the MOD ISO DC 1 is ready to be connected to your setup!



## SPECIFICATIONS

- Dimensions (L x W x H):
  - 175 x 85 x 47 mm / 6.89" x 3.35" x 1.85" (with front plate)
  - 160 x 85 x 33 mm / 6.30" x 3.35" x 1.30" (without front plate)
- Weight: 500 g / 1.1 lbs
- Power supply: 24 VDC / 1.5 A adapter (included)
- Connections:
  - 8 x 9 VDC, 300 mA each, 2.1 x 5.5 mm barrel plug, polarity (-) center
  - 1 x 9 VDC, 500 mA, 2.1 x 5.5 mm barrel plug, polarity (-) center
  - 1 x USB Type C, 2000 mA charge output
- Included accessories:
  - 1 x 24 VDC power adapter (1.5 A) with exchangeable multi-regional plug adapters (EU, UK, US/CA, AU/NZ), input voltage 100-240V AC
  - 9 x RockBoard® Flat Power Cable, 60 cm – for connecting effect pedals

**Note:** The manufacturer reserves the right to change the technical data without prior notice.

USA DISTRIBUTION: W-Music Distribution USA

[help@WUSAMusic.com](mailto:help@WUSAMusic.com)

629.202.6790

NORTH EUROPEAN DISTRIBUTION: W-Music Distribution

[www.w-distribution.de](http://www.w-distribution.de)

[info@w-distribution.de](mailto:info@w-distribution.de)

Headquarters: Warwick GmbH & Co. Music Equipment KG

08258 Markneukirchen / Germany | +49 (0) 37422 / 555 – 0 Family Owned • Solar Powered • Sustainably  
Manufactured in a Green Environment

## FAQ



Can I daisy chain multiple pedals on one output?

Yes, you can daisy chain pedals, but ensure the total power required does not exceed 300 mA 500 mA for front output.

What should I do if the LED does not light up or turns off?


Check the pedal or connection cable for issues as the shortcut protection may have been triggered.

Can I clean the power supply?

Clean only with a soft, dry cloth to avoid damage.

---

## Documents / Resources

	<p><a href="#">ROCKBOARD RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs</a> [pdf] Instruction Manual</p> <p>RBO-B-MOD-ISO-DC-1 Multi Power Supply With Isolated Outputs, RBO-B-MOD-ISO-DC-1, Multi Power Supply With Isolated Outputs, Power Supply With Isolated Outputs, Isolated Outputs, Outputs</p>
---	---

## References

- [W-Music Distribution](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.