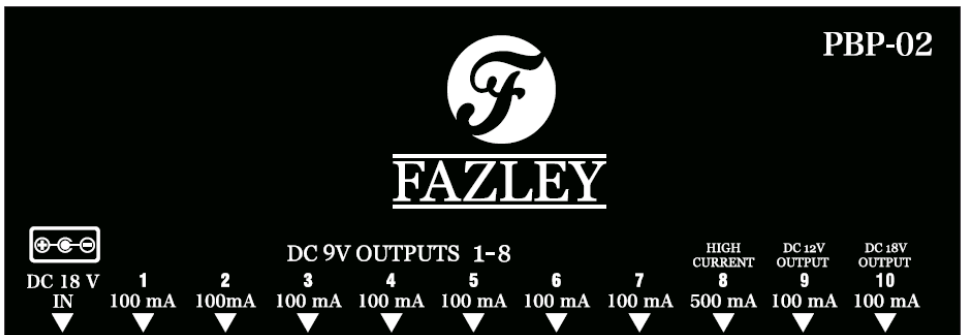




**FAZLEY**

## **PBP-02(-UK) pedal power supply**



## **User manual**

*The information in this user manual is subject to change at any time without notice.*

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# Introduction

Thank you for purchasing this Fazley pedal power supply. We advise that you read this user manual in its entirety before unpacking the contents of the box, so that you are familiar with all of the functionality that this product has to offer. Please be sure to check that all of the parts and accessories listed below under 'Box contents' are included in the package. In the event that the PBP-02(-UK) does not function properly, or if you have any issues while operating it, please remove the plug from the power socket and contact your dealer for assistance.

## Box contents:

- Fazley PBP-02 pedal power supply
- 18V DC power adapter for EU use (only for the standard PBP-02)
- 18V DC power adapter for UK use (only for the PBP-02-UK version)
- 10x output cable
- 2x polarity changer adaptercable

*This user manual typically refers to the PBP-02. The PBP-02-UK is identical in every way apart from the power adapter.*

## Please inspect the device and the included accessories.

Should you discover that either the device or one or more of the included parts have been damaged or rendered defective while in transit, please contact your dealer directly.

*Please note that the pictures in this user manual serve illustrative purposes only and may differ from the product you receive.*

**FAZLEY**

## Contact:

Fazley musical instrument products and accessories  
Verrijn Stuartweg 18  
4462 GE Goes  
The Netherlands

*Please do not send any products to this correspondence address.*

*Should you wish to send in a product for repairs or for a refund, please contact your dealer for an RMA request (Return Merchandise Authorisation).*

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# Safety instructions



## WARNING!



**Keep this device away from moisture, water and rain to avoid the chance of electric shocks.**

Everyone involved with the installation, operation and maintenance of this device must:

- Be qualified
- Be skilled
- Have read the instructions in this user manual
- Be sure that neither the device nor the included accessories are damaged. Should the device or the included accessories be damaged, please contact your dealer for more information.
- Ensure that the device is in good working condition and is safe to operate. Please follow the advice and instructions as they are described in this user manual.

Damage caused by misuse and/or modifications made to the device are not covered by the warranty.

This device does not contain any parts that need to be repaired or replaced by the user. Should maintenance or repairs be necessary, they must be handled by a qualified technician.

### **Important information regarding safety and health:**

- Do not remove any labels or stickers from this device.
- Do not leave any cables lying around.
- The device should not be opened up, and any hardware or software that may be present should not be modified.
- To achieve optimal performance, inputs on this device should not be fed with a signal higher than necessary.
- The outputs on this device should not be overloaded.
- The device should only be used indoors; contact with water, rain and moisture should always be avoided. Do not place any objects containing liquid on top of the device.
- Remove the device from any nearby flames or heat sources; do not place it near

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flammable fluids, gasses or objects.

- Disconnect this device from the power supply if it will not be used for a longer period of time, if maintenance is necessary, or if the device needs to be cleaned.
- Do not pull on the cable to remove a connector, as it can cause damage.
- Do not use any cables other than the ones described in this manual. Do not use defective cables. Please contact your dealer if the included or necessary cables do not function properly with this device.
- In the event that the device is exposed to extreme temperature changes (e.g. transported through a cold outside environment into a warm indoor environment), it should not be turned on until it has reached room temperature. This is necessary to prevent moisture from forming in the device, which could lead to electric shocks.

#### **Guidelines and operation of this device:**

- This device is intended for use indoors by adults only.
- This device is not suitable for use by children, and should always be operated by an adult.
- This device may only be used in a suitable environment where no damage to the device can occur. Do not use the device in moist or dusty environments such as:
  - indoor swimming pools where chlorine is used
  - beaches where there is sand and salt
  - outdoors
  - indoors in spaces where intense heat sources are present, or where it reaches temperature levels that would be considered uncomfortable for a person
- Avoid impact and collisions during use and transport. Do not transport the device while it is in use. Avoid using excessive force when installing and operating the device.
- The user should become familiar with the functions of this device before using it.
- Should the device not be used in the manner described in this user manual, damages or even injuries could occur. Fazley cannot be held responsible for any injuries or damages that occur as a result of improper use of this product.

#### **Storage and transport:**

- This product is designed for mobile use. It can be transported separately as long as it's well-protected against shocks and collisions.
- This device is not designed for permanent (24/7) use. The expected lifespan of the device will not be affected by occasionally turning the device off. Disconnect the device or turn off the power when it is not actively in use.
- If the device will not be used for a longer period of time, it should be disconnected and stored in a dust-free environment.
- Do not expose the device to extreme temperature differences.

#### **Housing**

- Inspect the device's housing frequently, and always just before use. Avoid operating the

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device if there are large dents or cracks, or if screws are missing. Do not use the device if the housing is not in good condition.

Contact your dealer or a qualified technician if you are unsure about the state of the device.

- Check the device and the screws for corrosion. Corrosion must not be present on this device. Contact your dealer or a qualified technician if you find any corrosion on the screws. Every power and signal connector should be securely mounted. Do not use the device if the connectors are not secure.

Avoid dust and dirt build-up. Clean the device once a month by disconnecting it from the power supply and wiping it down with a dry or slightly moist cloth. If the device is used frequently, the cleaning intervals should increase.

### Symbol explanation:

	<p><b>WEEE:</b> Ensure that this device is disposed of properly. This product falls under the WEEE (Waste Electrical and Electronic Equipment) directive. The requirements of this directive apply to all manufacturers and producers of electronic devices in the EU. Do not throw this product away with regular rubbish. Please contact your local authority for more information about how to recycle and dispose of these products in your region. By recycling this product in the proper manner, we can work together to ensure that we can continue to enjoy these kinds of products and still protect the environment as much as possible from pollution.</p>
	<p><b>CE:</b> The CE logo indicates that this product meets the European norms and requirements to which it must legally conform.</p>
	<p><b>Only suitable for indoor use:</b> this product was only designed for indoor use. The maximum environmental temperature must not exceed 40 degrees Celsius (104 degrees Fahrenheit).</p>

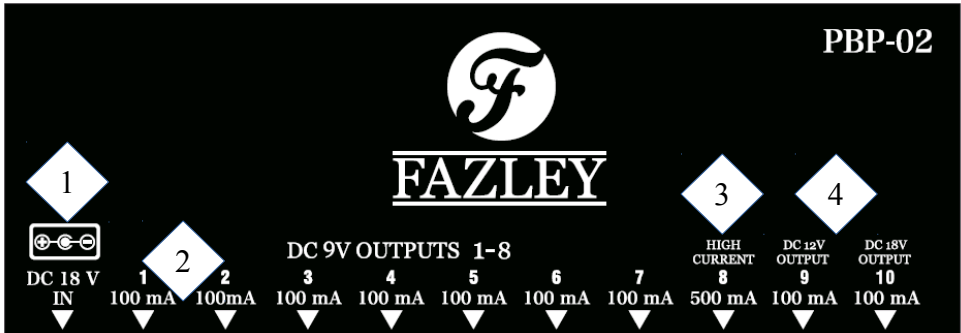
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# Device overview

1. 18V DC input for included power adapter (EU or UK)
2. Output 1 to 7: 100 mA output for standard effects pedal
3. Output 8: high-capacity 500 mA output for digital effects pedals
4. Output 9 + 10: 18V DC, 100 mA output



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# Operating the device

The Fazley PBP-02 is a practical pedal power supply designed to power (guitar) effects pedals. By using a central power supply unit like this one, each individual guitar pedal does not require a separate power adapter and mains socket.

## Installation

This pedal power supply can be easily mounted on or underneath a pedal board. This can be done using hook-and-loop fastener strips, tie-wraps or brackets that might have been included with your pedal board.

When mounting this device to a pedal board, it is important to ensure that the status LED indicators are visible at all times. It is also important that the device can be turned off and unplugged at any time in case of emergencies.

## Connecting the outputs

Install the pedal power supply in such a way that the included cables can be plugged in without having any sharp (180-degree) bends, as this will likely cause the cables to break over time. The cables can be bound together using cable binders as long as they aren't pulled too tightly.

The connecting cables can be easily plugged into the appropriate connectors. Bear in mind that the outputs on the right side of the device deliver a higher voltage. Connecting devices that require 9V of power into an 18V socket could cause irreparable damage. Please note that both types of connectors are the same.

## Simultaneous use of all outputs at full capacity

In theory, if all outputs are being utilised at their full maximum capacity at the same time, the power supply unit may not be able to supply the amount of power as indicated per output.

In practice, however, it does not often happen that all the outputs on this type of power supply are used simultaneously at full capacity and is therefore unlikely to cause a problem.

## Voltage, polarity and power

Always check that you connect devices to the correct voltage on this power supply and also the minimum amount of power needed for the device to work. A pedal that requires 500 mA minimum cannot be connected to a 100 mA output because this will overload the output.

Connecting a pedal that uses 100 mA to a 500 mA output will not cause any problems because the device will not be using the outputs maximum capacity.

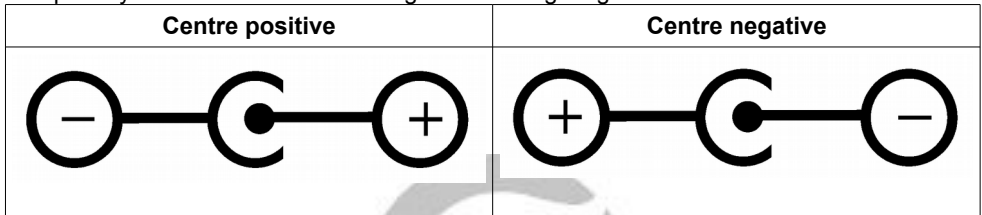
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The outputs on the PBP-02 are all centre-negative. This means that the inner conductor of the connector for the output cables is negative. The outer part of the connector that you can see is positive. This information is also shown on each of the power supply's outputs and your effects pedals should show similar information.

The two included short male-female adapter cables are so-called 'polarity changers'. They can be used to change the polarity to centre-positive should the pedal you wish to connect require it.

The polarity of a device is shown using the following diagrams:



### Power adapter

The PBP-02's power adapter is designed specifically for this device and should not be used for other purposes. Do not use any other power adapter other than the one included to power the PBP-02.

### LED indicators

The pedal power supply is equipped with LED indicators that can be turned on or off with a switch that is found just above the input connector.

If the device is connected to a power socket, the outputs will deliver power even if the LED indicators are switched off.

### Sound interference

Because each user of this device will be connecting different effects pedals, it's not possible to solve potential problems with sound interference in this manual. Interference is normally caused by a ground loop. To determine which device is causing the disturbance, you can change the order of the effects pedals, change the cables and try excluding certain pedals. By doing this, you should be able to determine the cause of the interference.

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# Solving pedal power supply problems

If you have a problem with your pedal power supply, please consult the troubleshooting section for possible solutions. If, after consulting this section, the problem remains unresolved, please contact your dealer for more information and/or help.

This troubleshooting section contains information on how to solve the most common pedal power supply problems, but it does not and cannot cover every eventuality. It is possible that you won't find your problem, cause and solution in this section due to differences between various connecting devices.

Problem	Possible cause	Solution
Device will not turn on, pedals do not work	Power adapter not connected properly	Make sure that the power cable is connected properly and plugged into an active mains socket.
	Mains socket not switched on	Check that the mains socket is active and switched on, if necessary.
	Adapter is defective	If the adapter appears to be defective, contact your dealer.
LEDs do not light up	LEDs switched off	Use the switch to turn the LEDs on if you want to see the indicators
	The device is not switched on	Connect the device to an active mains socket using the included power cable.
There is audible interference (hum)	Disruptive pedal, disruptive cable	Change the cables and pedals to find out where the interference is coming from and take appropriate action.
Pedal does not work	Cable not connected properly	Make sure the output cable is connected properly to the

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effects pedal. Exchange the pedal and the cables to find the cause of the problem.



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# Specifications

- compact pedal power supply
- multiple outputs
- easy to mount under or on a pedal board
- metal housing
- LED indicators (with switch)
- power adapter included

## **included accessories:**

- 10x connection cables for pedals
- 2x polarity changers

## **Outputs:**

- 7x 9V DC, 100 mA outputs
- 1x 9V DC, 500 mA output
- 2x 18V DC, 100 mA output

## **Technical data:**

### Power adapter:

- type: PBP-02 adapter
- power supply: 100-240V AC, 50/60 Hz
- power consumption: 24 W
- starting current: 500 mA
- nominal current: 240 – 100 mA
- low voltage output: 18V DC, 1000 mA
- DC plug: 5.5 x 2.1 mm
- centre-negative polarity

### pedal power supply:

- type: PBP-02(-UK)
- input: 18V DC, 1 A
- DC plug: 5.5 x 2.1 mm
- outputs: 5.5 x 2.1 mm
- dimensions: 150 x 50 x 35 mm



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