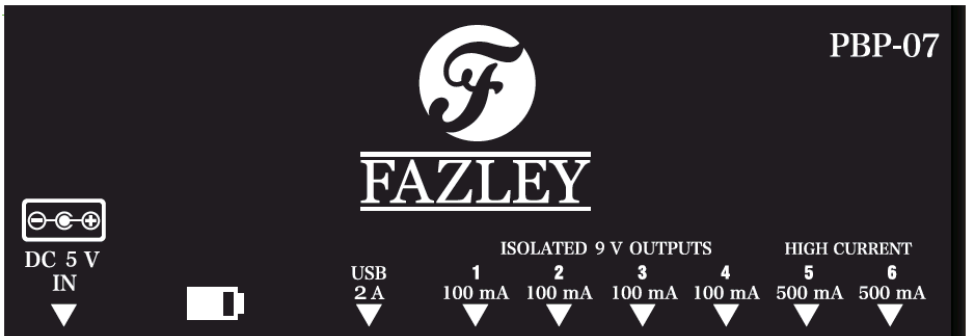




FAZLEY

PBP-07 Pedal Power Supply with Built-in Battery



User manual

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Version: 1.0 Date of creation and author's initials: 08-03-2017 RV Revision date and author's initials: -

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-07(-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-07(-UK) pedal power supply with built-in battery
- power adapter for use in EU (PBP-07 only)
- power adapter for use in UK (PBP-07-UK only)
- 6x output cable
- polarity changer cable

This user manual typically refers to the PBP-07. The PBP-07-UK is identical in every way apart from the power supply.

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.

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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 adult use 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>WEEE: 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>CE: The CE logo indicates that this product meets the European norms and requirements to which it must legally conform.</p>
	<p>Only suitable for indoor use: this product was only designed for indoor use. The maximum environmental temperature must not exceed 40 degrees Celsius (104 degrees Fahrenheit).</p>

Battery instructions and warnings

Battery use and lifespan

The Fazley PBP-07 is delivered with a built-in lithium-battery. This battery provides the necessary voltage to power the device without the need to plug it into a mains socket. After unpacking the pedal power supply, it's recommended to test it with an effects pedal by first

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plugging it into a mains socket, and then using only the built-in battery. It is then strongly recommended to fully charge the battery to ensure maximum lifespan.

Please bear in mind that this type of battery is not designed to be (almost) completely discharged. Should the performance of the PBP-07 decrease, connect it to the mains so the battery can charge.

If the device has a low battery percentage and is stored for an extended period of time, then there is a chance that the battery performance may decrease.

The built-in battery of the PBP-07 can not be replaced by the user.

WARNING

Risk of explosion if the battery is not properly replaced.

Only replace the battery with one that is identical in type and specifications.

Do not expose batteries to intense heat from sunlight, open fire, etc.

Do not leave batteries out in an environment with extreme temperatures, as this may cause explosions or fluid or gas leaks.

Do not burn batteries place them in a hot oven, cut or crush them. This could cause the batteries to explode.

Do not expose batteries to extremely low pressure (high altitude), as this may cause explosions or fluid or gas leaks.

Recycling

If the maximum lifespan of the battery has been reached and it no longer functions (properly), it should be removed from the device.

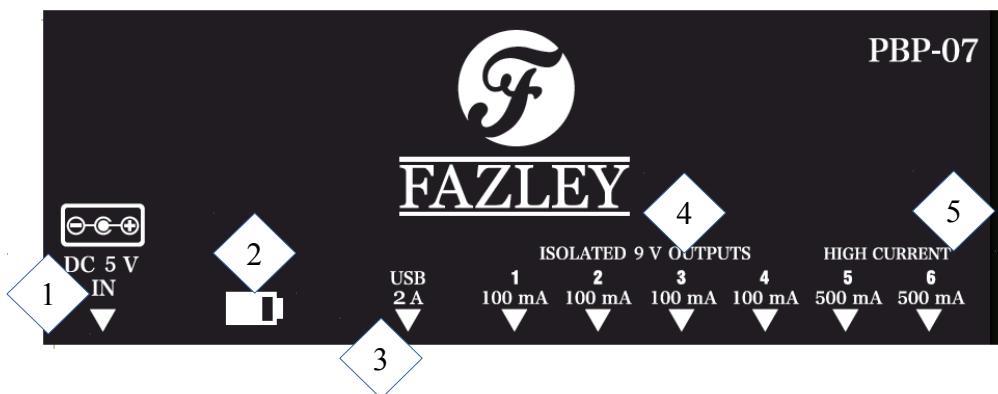
Batteries can not be thrown away together with regular rubbish. They contain hazardous chemicals that can harm the environment. When batteries are recycled properly, they become a valuable source of sustainable material. Contact your local authority about how to dispose of batteries in an eco-friendly way.

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Device overview

1. input for power adapter
2. battery status LED
3. USB output, max. 2 A
4. effects pedal outputs 1-4, max. 100 mA
5. effects pedal outputs 5-6, max. 500 mA



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Operating the device

The Fazley PBP-07 is a practical pedal power supply designed to power (guitar)effects pedals. One central power supply unit like this one means each individual guitar pedal is not required to have a separate power supply or mains socket.

The PBP-07 has a built-in battery which means your pedal board can function without being plugged into a mains socket. This is practical for short performances that require a fast setting up and breaking down time, for example, or when other power supplies are causing problems on the audio signal due to unbalanced, unprotected audio signals. Switching to battery-powered mode solves these kinds of ground-loop problems.

Charging the battery

This device has a 2-colour LED that shows the battery status:

- solid red: the battery is being used to supply power
- flashing red: battery percentage under 30%, charge the battery a.s.a.p
- solid green: battery is fully charged
- flashing green: battery is being charged

The battery can handle 500 full load cycles before showing a noticeable decrease in functionality. This is a rough estimate, the actual time may differ due to deep discharge, for example.

Installation

This pedal power supply can easily be mounted on or underneath a pedal board. Suitable ways to mount this device are 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 it can be turned off and unplugged at any time in case of emergencies.

Connecting the outputs

Install the pedal power supply unit 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 connection cables can easily be plugged into their corresponding socket. There are 6 outputs in total, each with its own LED indicator. Output 1 through 4 can handle a maximum

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load of 100 mA. Output 5 and 6 may not exceed a maximum load of 500 mA.

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 may not be able to provide the amount of power as indicated per output. In practice, however, it does not often happen that all the outputs of this type of power supply are used simultaneously at full capacity and is therefore unlikely to cause a problem.

USB port

This device is equipped with a USB connection that may not exceed a maximum load capacity of 2A. It is designed for small accessories such as an LED lamp.

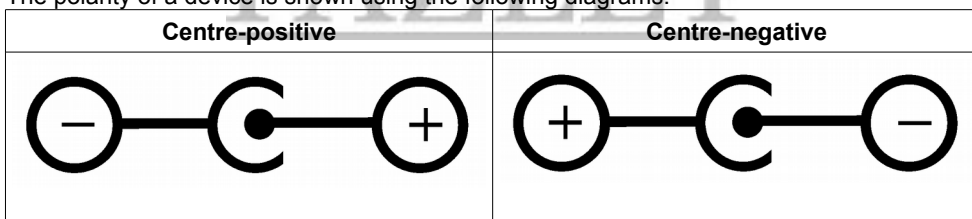
It is not designed for heavy loads like charging a telephone or tablet, which can have a negative influence on the performance of the pedal outputs. This is most likely noticeable when the device functions in battery-powered mode and is not plugged into the mains.

Voltage, polarity and power

Always make sure that any device you connect to this power supply requires the same voltage and make note of the minimum amount of power it requires to function properly. If an effects pedal requires a minimum of 500 mA, it can not be connected to an output of 100 mA, as this will cause the output to overload.

The outputs on the PBP-07 are all centre-negative, which means that the central conductor of the cable's output plug is negative and the part you can see, the barrel, is positive. This is also indicated per output on the pedal power supply unit itself, and a similar indication is probably on the effects pedal as well.

The included adapter cable is a so-called 'polarity changer'. It 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:



Interference

It is possible to connect many different effects pedals to this device, which makes it difficult

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to solve all possible interference issues with this user manual. Should you experience unwanted interference, the cause is usually a ground loop. To find out where the interference is coming from, it's recommended to alter the order of effects pedals in your chain, replace cables, or remove certain pedals until you find the cause of the problem.



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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 cable is not connected properly Mains socket not switched on Cable is defective Battery is empty	Make sure that the power cable is connected properly and plugged into an active mains socket. Check that the mains socket is active and switched on, if necessary. If the cable appears to be defective, contact your dealer. Plug the pedal power supply into an active mains socket to see if the built-in battery is empty and needs to be charged.
LEDs do not light up	The device is not switched on	Connect the device to an active main socket using the included power adapter.
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	Make sure the output cable

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Major decrease in battery lifespan, the device can no longer be battery-powered

Effects pedals do not work (properly) or the sound is distorted

properly

Battery is defective or has reached its maximum lifespan

Battery voltage is insufficient

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

If the maximum lifespan of the battery has been reached and it no longer functions (properly), the device should be inspected or recycled.

Make sure the connected loads are not too heavy for the battery (for example when using the USB port) and check the battery status.



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Specifications

- compact battery-powered pedal power supply
- built-in lithium-polymer battery
- multiple outputs
- easy to mount under or on a pedal board
- metal housing
- equipped with USB port for USB-powered products
- LED indicators
- power adapter included

Included accessories:

- 6x connection cables for pedals
- polarity changer

Outputs:

- output 1 - 4: 9V DC, 100 mA max.
- output 5 - 6: 9V DC, 500 mA max.
- USB port: 5V DC, 2000 mA max.

Technical data:

- type: PBP-07
- connected load power adapter to mains: 100 – 240V AC, 50/60 Hz
- connected load power pedal power supply: 5V DC, 2000 mA
- power consumption: 15 W
- starting current: 300 mA
- nominal power consumption: 150 – 60 mA
- DC outputs: 5.5 x 2.1 mm
- to be used in environmental temperature: 0 - 40 degrees Celsius
- centre-negative polarity for all pedal power outputs
- centre-positive polarity for the pedal power input
- short-circuit protection
- overload protection

Battery specifications:

- built-in lithium-polymer battery capacity: 3.7V DC, 6350 mAh
- lifespan: approx. 500 full load cycles before noticeable decrease in performance
- battery weight: 120 grams
- lifespan when only USB is used at full capacity: +/- 2.5 hours
- lifespan if pedal outputs are used at full capacity: +/- 2 hours

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