



Always use the On/Off switch if you want to turn “Off” the BOTW P&P ECO. Turn the BOW P&P ECO always first “Off” before you pull the mains plug out of the AC outlet. This prevents the chance of getting an electric shock from the mains plug.

The BOTW P&P ECO PSU has to be connected to an audio device when the PSU is switched “On”. If this is not the case, you must turn the power supply “Off”. When the BOTW P&P ECO is switched “Off”, there is no power consumption. With most audio devices the BOTW P&P ECO will be turned “On” 24/7. Should you turn your audio device to standby then the power consumption of the power supply will be set by your audio device.

Switch the BOTW P&P ECO “Off” during your holidays. Unplug the mains plug from the AC outlet if the PSU will not be used for a long period (Months) of time.

### Heat

The transformer and other electronic components of the BOTW P&P ECO are very efficient. A relatively small amount of power will be converted into heat. In case of a (heavy) load (> 75% rated output current) the power supply will run warm, this is normal.



The openings in the enclosure are provided for ventilation to ensure reliable operation of the BOTW P&P ECO and to protect it from overheating. These openings must never be blocked or covered.

The BOTW P&P ECO should be situated away from heat sources such as radiators, heat registers or other products that produce heat.

The fastening bolt of the transformer is located on the bottom side of the enclosure. This bolt can become very hot. Be careful with moving the BOTW P&P ECO after you have used the power supply for a heavy load.

### Break in period

As with many other audio equipment, the BOTW P&P ECO needs time to “break in”. This break in period is an automatic process and starts when the BOTW P&P ECO is connected to your AC outlet and switched “On”. The break in period is at least 100 hours. After 4 weeks the BOTW P&P ECO is usually fully burned in. For the break in period it is not necessary to leave your audio device 24/7 playing.

### Warranty

Sbooster warrants the BOTW P&P ECO to be free from defects resulting from faulty manufacture or faulty components for a period of 24 months. If your product needs to be returned within the warranty period, please do so through the retailer from whom you purchased the product. During the warranty period, your product will be repaired without charge if the defect is covered by our warranty terms and conditions, excluding shipping costs.

### Modifications

Changes or modifications to the electronic design of the BOTW P&P ECO can invalidate the compliance to the safety standards. Sbooster refuses every liability regarding damages, which has been subject to unauthorized modifications or to misuse of the power supply.

## *Best of Two Worlds Power & Precision ECO upgrade Power Supply*



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

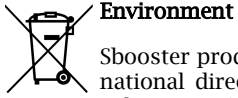
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## Introduction

Thank you for purchasing one of our upgrade products. This manual will tell you everything you need to know of your Best of Two Worlds Power & Precision ECO (BOTW P&P ECO) upgrade power supply (PSU).

## Contents of the package

- 1 x BOTW P&P ECO PSU
- 1 x Mains cable
- 1 x DC tips
- 1 x Manual



## Environment

Sbooster products are developed in the Netherlands and comply with the international directives, including but not limited to the Restriction of Hazardous Substances (RoHS) in electrical and electronic equipment and the disposal of Waste Electrical and Electronic Equipment (WEEE).

## Safety



Do not remove the cover and never push objects of any kind into the BOTW P&P ECO through its openings as they may short-out parts that could result in a fire or electric shock.



Use care not to spill liquids into any part of the BOTW P&P ECO. Liquids can cause a failure, shortcut and/or a fire hazard.

## Installation

The BOTW P&P ECO replaces the stock supplied adapter of your audio device. Check the correct setting of the mains voltage Fig. 1 and the DC output setting Fig. 2 **before** you connect the BOTW P&P ECO to your audio device.



*Disconnect* your stock supplied power supply first from the mains before you pull the DC plug out of your audio device. This to prevent damage to your audio equipment.

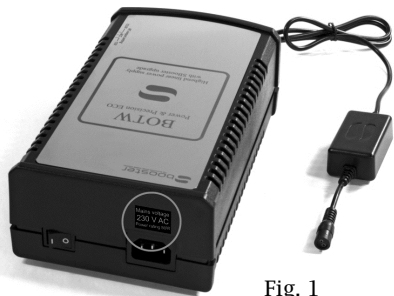


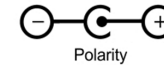
Fig. 1

## Mains voltage

The BOTW P&P ECO can (internally) be set to 7 different mains voltages. The mains voltages are 100/110/115/120/220/230/240V AC. A sticker with the mains voltage setting can be found on the back of the PSU, see Fig 1. For a maximum performance of the BOTW P&P ECO it is important that the mains voltage setting is correctly. This means that a BOTW P&P ECO, which is set to 230V AC, cannot be used (directly) on a mains voltage of 220V AC or 240V AC. If the mains voltage of the BOTW P&P ECO does not match your local mains voltage, please contact us. We will inform you about the procedure how you can safely set the mains voltage of your BOTW P&P ECO PSU to the correct value.

## DC Tips & adapter cable

The BOTW P&P ECO is supplied with a variety of DC tips and adapter cable (BOTW P&P ECO 12-13.2V only). The polarity of the DC tips is; outer side (-) negative and the inner side (+) positive. For the polarity of the supplied adapter cable(s), please check the polarity on the label of the adapter cable.



## DC output setting BOTW P&P ECO

The BOTW P&P ECO PSU is provided with a three-position switch in order to set the output voltage of the PSU. The output voltages (DC output setting) of the PSU are printed on the top of the enclosure. The three-position switch to set the output voltage is located in the gray circle at the side, see fig.2. To set the output voltage to the desired



Fig. 2

Note: For new models the ACC setting has been replaced by the output voltage, see overview below

## Overview DC output settings BOTW P&P ECO

BOTW P&P ECO 5V - 6V	6V—1.75A	5.5V — 2.5A	5V—3A
BOTW P&P ECO 9V - 10V	10V—1.25A	9.5V — 1.75A	9V—2.35A
BOTW P&P ECO 12V - 13.2V	13.2V—2.25A	12.6V — 2.5A	12V—3A
BOTW P&P ECO 15V - 16V	16.7V — 1.5A	16V—1.85A	15V—2.5A
BOTW P&P ECO 18V - 19V	19V—1.85	18.5V — 2A	18V—2.25A
BOTW P&P ECO 24V	Led off	Led mid	Led high



Note: It is the responsibility of the user to check if the power supply is set to the correct DC output voltage. Sbooster is not liable for misuse of the power supply. Sbooster refuses every liability for damage to equipment due to an incorrect DC output voltage setting of the PSU.

## Connecting the BOTW P&P ECO

The On/Off switch is located at the rear panel of the BOTW P&P ECO. Make sure the power supply is turned “Off” before you connect the mains plug into the AC outlet. Connect the BOTW P&P ECO with the matching DC plug to your audio device and turn the BOTW P&P ECO “On”. The green LED on the front will light up and your audio device will boot or turn on.