

Heat

The transformer and other electronic components of the BOTW AC 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 transformer of 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 AC and to protect it from overheating. These openings must never be blocked or covered.

The BOTW AC 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 AC after you have used the power supply with a very high load.

Break in period

As with many other audio equipment, the BOTW AC needs time to “break in”. This break in period is an automatic process and starts when the BOTW AC is connected to your AC outlet and switched “On”. The break in period is at least 100 hours. After 4 weeks the BOTW AC 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 AC 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 AC can invalidate the compliance to the safety standards. Sbooster refuses every liability regarding damages, which has been caused by unauthorized modifications or to misuse of the BOTW AC.

Contact

For questions and remarks please contact your retailer or our office: info@sbooster.com

For more product information and FAQ please visit www.sbooster.com

Thank you for your attention.

Best of Two Worlds AC Upgrade Power Supply



Warning: This AC upgrade power supply is not suitable for DC-powered devices

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 AC (BOTW AC) upgrade power supply (PSU).

Contents of the package

1 x BOTW AC PSU
1 x Mains cable
1 x Plugs
1 x Manual



Environment

Booster 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 AC 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 AC. Liquids can cause a failure, shortcut and/or a fire hazard.

Installation

The BOTW AC replaces the stock supplied AC-adaptor of your audio device. Check the correct the mains voltage Fig. 1 and the AC-output voltage of the BOTW AC on the bottom of the BOTW AC before you connect the BOTW AC to your audio device.



Disconnect your stock supplied AC-adaptor first from the mains and check if your audio device is fully off, before you pull the plug out of your audio device to prevent damage to your equipment.

Mains voltage

The BOTW AC can internally be set to 7 different mains voltages. The mains voltages are 100/110/115/120/220/230/240V AC. The sticker with the mains voltage setting of the BOTW AC can be found on the back of the PSU, see Fig 1.

For a maximum performance of the BOTW AC it is important that the mains voltage corresponds with the nominal mains voltage of your country.



Fig.1

This means that a BOTW AC, 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 AC does not match the official mains voltage of your country, please contact us. We will inform you about the procedure how you can safely set the mains voltage of your BOTW AC to the correct value.

LED output setting

The BOTW AC is provided with a three-position switch in order to set the brightness of the LED of the BOTW AC. The settings of the LED are printed on the top of the enclosure.



Fig. 2

The three-position switch to set the LED brightness is located in the gray circle at the side, see fig.2. To set the LED to the desired brightness it is best to use a tweezer.



It is the responsibility of the user to check if the BOTW AC has the correct AC output voltage. **The BOTW AC is not suitable for DC-powered devices.**



Booster is not liable for damage to equipment due to an incorrect usage of the BOTW AC. Booster is not liable for misuse of the power supply.

Connecting the BOTW AC

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

Always use the On/Off switch if you want to turn "Off" the BOTW AC. Turn the BOTW AC 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.

When the BOTW AC has been switched "Off", wait until the green led is fully off and wait approximately an additional 30 seconds before you turn the power supply back on.

The BOTW AC 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 AC is switched "Off", there is no power consumption. However, most audio devices, and thus the BOTW AC, will be turned "On" 24/7. If you turn your audio device to standby, the power consumption of the power supply is set by your audio device.

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