

# POWERGRIP



## YG-1 POWER CONSOLE

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Safe and high quality power supply becomes more and more important in modern AV system. On one hand we need to provide protection for AV system from harmful factors like distortion from other equipment with switch mode power supplies, noises etc. On other hand we need to avoid any negative influence on sound and picture or even make it better.

The engineers of Barnsly Sound Organization, having acquired a great experience in dealing with the consequences of such cases, had a great opportunity to assess the scale of the problem and the most weak points of modern audio and video equipment. The result was the emergence of a new line of products under the brand POWERGRIP, and "the first swallow" – power console, designed to solve the problem of providing AV-systems with clean power supply.

Acquaintance with domestic realities helped our engineers, having finished the traditional schemes as electrically and functionally, to create a model YG-1. A new product protects system components from high voltage, surge and different noises. And, importantly, our experts know what good sound is and how it can be affected by additional filtering. That is why our sound gurus worked in close cooperation with engineers, because YG-1 is designed specifically for use in high quality audio-video systems. And they got it! Unlike the other similar devices, impressive metal case of POWERGRIP with 8mm front panel of brushed aluminum will look very well with the components of any system.

In addition, the new model is able to make life easier for its owner indicating the correct phasing of the connected components, allowing you to charge two USB devices quickly or by being included in the smart home system, accept the control signals from the triggers of 12 V. Protection is not only limited by electrical lines, it extends to satellite, antenna and cable lines.

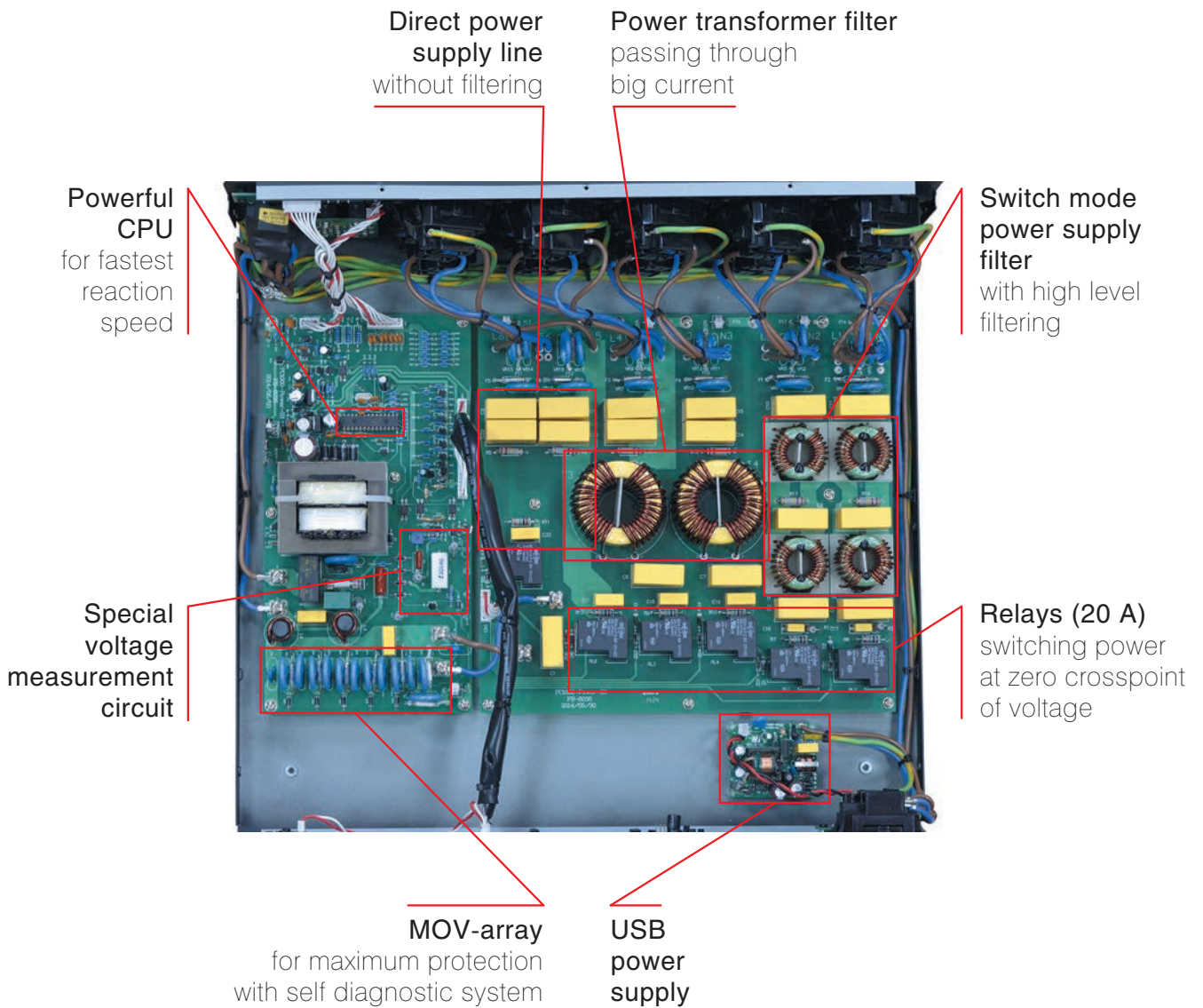
Thus, with POWERGRIP products you will not only protect your equipment from harmful effects but also get your system to a new level of sound and convenience!

## YG-1 ADVANTAGES:

- Big current (up to 16 A) allows to connect two power amplifiers
- 11 power outlets with separate switching, delays and 6 filter groups
- 3 levels of protection for connected equipment and self-diagnostic system
- 2 USB ports on front panel for charging devices
- Soft power switching in zero crossover point
- Compatible with 19U rack, brackets included



# UNDER THE HOOD



Standart power cable 0.75 mm<sup>2</sup>

Specially made POWERGRIP power cable 3.3 mm<sup>2</sup>

Additional power outlet and two USB ports for mobile devices charging under magnetic cover on front panel



POWERGRIP

2 18

PWR/DIM



## TECHNICAL SPECIFICATIONS

<b>Electrical Rating:</b>	220 V, 16 A (AC) / 3520 W
<b>Number of sockets:</b>	11 Programmable Sockets (divided into 6 groups)
<b>Extra protection:</b>	coaxial lines (satellite, cable, antenna)
<b>Joule Rating:</b>	6220 J
<b>Maximum Spike Current:</b>	187000 A
<b>Power Safety Shutdown:</b>	$\leq 190 \pm 4 \text{ V} / \geq 256 \pm 4 \text{ V}$
<b>USB ports power rating:</b>	5 V, 2 A (overall current for both ports)
<b>19U rack brackets:</b>	included in the box
<b>Dimensions (H x W x D):</b>	440 x 150 x 405 mm
<b>Weight:</b>	10 kg

**POWERGRIP**

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