AVIDHIFI

OPUS POWER

Stereo Power Amplifier

USER MANUAL

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VIDEO GUIDE

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Extended 5-Year Warranty

AVID is pleased to extend the normal warranty duration to 5-Years from the date of original factory shipping.

Register your product at:

www.avidhifi.com/register

Welcome to your AVID OPUS Stereo Power Amplifier

Please read this manual carefully to understand the features and functions of your AVID OPUS Stereo Power amplifier, built with the highest quality materials and industry standards for trouble-free enjoyment for years to come.

Caution

- Before connecting or disconnecting any equipment to your OPUS amplifier, switch it off to protect your speakers from possible damage caused by momentary high-level signals due to the amplifier's high power capabilities.
- There are no user-serviceable parts inside—please do not, under any circumstances, remove the cover of the OPUS Power amplifier—doing so would expose you to potentially lethal voltages and void your warranty.
- Only clean your OPUS Power amplifier with a dry micro-fibre cloth.
- Avoid exposing the unit to liquids. If water or any liquid enters the case, turn off the unit at the socket and seek advice from your dealer before using it again.
- If your OPUS Power amplifier is to be left unused for a long period, please ensure it is switched off.

Key Features:

- **1,100VA Toroidal transformer—132,000uF Capacitance Reservoir**

The power supply and amplifier work together to provide and manage the energy needed for music. They create a large energy reserve and prevent the amplifier from demanding more energy than the supply can handle.

- **Fully discrete, high current, output stage**

Integrated chip output devices limit amplifier performance, while discrete design enables use of superior devices and avoids compromises in key parameters like peak current, output impedance, and thermal performance.

- **Balanced and Unbalanced input**

Giving great flexibility, the OPUS Power amplifier provides the option of using either balanced (XLR) or unbalanced (RCA) connections. Balanced input guarantees the best noise performance allowing the use of long cable runs while unbalanced inputs ensure compatibility and convenience with all modern line level sources.

- **Efficient, silent cooling**

All AVID amplifiers use silent, passive cooling using generous aluminium heatsinks. Each heatsink accommodates multiple, paralleled output devices capable of delivering much higher current than typically required by the most difficult loudspeaker loads, whilst maintaining the highest levels of reliability.

- **Unparalleled build standards**

Choosing the highest quality materials suited to their application, the steel chassis guarantees a rigid chassis eliminating flexing and movement of internal components, improving both sound quality and long-term reliability.

- **High quality connectors**

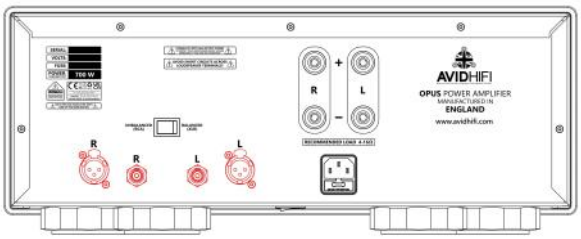
Gold plated connectors are used throughout to design of the OPUS amplifier to guarantee long-term reliable connections. High current binding posts are used for loudspeaker connections and accept both conventional 4mm plugs or spade connectors.

Placement

- Place your OPUS amplifier on a sturdy and level surface.
- Avoid locations where your OPUS amplifier may be affected by direct sunlight or damp.
- Keep your OPUS amplifier away from heat sources.
- Ensure proper ventilation before placing the OPUS amplifier in an enclosed space, such as a closed cabinet.
- Avoid placing any objects on the OPUS amplifier that could impede air-flow.

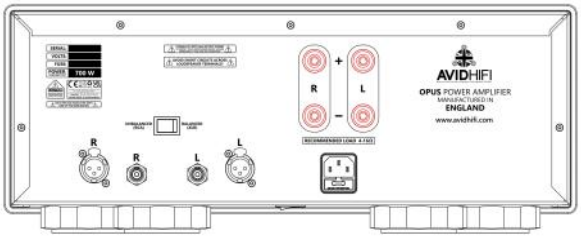
Line Input

With excellent compatibility, the OPUS Power is equipped with both RCA and XLR input connections. If you initially hear no sound, check the switch position. For optimal performance, we highly recommend using XLR Balanced cables.



Loudspeaker Connections

The OPUS Power has binding posts compatible with banana plugs and spade connectors for power output. It has a protection circuit but avoid potential damage situations. Ensure tight connections to avoid sound loss and damage to terminals.



Speaker Cable

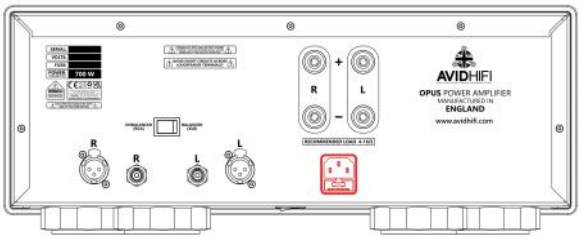
You can experiment with different speaker cables to tailor the sound to your personal taste, but be aware some cables can affect system performance. Both left and right cables should be the same length and keep cable resistance low for best results with short runs and a large cross-sectional area, as this is a high current design.

Correct Phase

Connect speakers "in phase" by matching positive and negative connections. Mistakes adversely affect sound quality. Correctly connected speakers have strong bass and clear image. Use Mono button to check for a strong centred signal.

Mains Power

Power comes in through the IEC 3-pin connector with built-in filters, so no need for external filters. Connect mains power last.

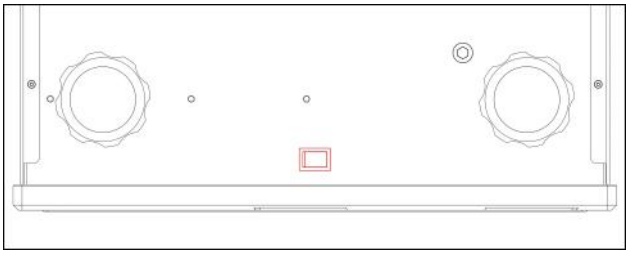


Mains Cable Polarity

For users who have to use two-pin mains sockets, please note that on a standard IEC mains female plug, the right hand pin (see image) is the 'Live' pin—always make sure this is connected to the live pin on the wall socket. Failure to do so will mean that the neutral feed will pass through the mains switch rather than the live feed, which is less safe

Mains Switch

Turn volume to minimum. Mains switch is hidden on bottom, behind the front panel. Clicks from relays as protection circuit activates. Blue LED on left indicates power on.



Amplifier Protection

In the event of faults such as DC offset, short-circuit and overheating, the amplifier protects itself by switching off. The unit resets after cooling or the short-circuit is cleared. Contact dealer if protection circuit keeps activating.

SPECIFICATIONS

Power

Continuous power output (20Hz—20kHz at 0.5% THD):	110 W (Both channels, 8Ω)
Harmonic distortion, 80% power, 8Ω at 1kHz:	0.03%
Recommended loudspeaker impedance:	4-16 Ω

Inputs

Line (RCA and XLR)	
Nominal sensitivity:	340mV
Input impedance:	82 kΩ
Maximum input:	11 Vrms XLR
Frequency response:	5Hz—over 80kHz ± 1dB
Signal/noise ratio	
RCA (Awtd) 50 W, ref. 1V input:	100 dB

Outputs

Power Consumption

Input voltage (region dependent)	115V or 230V AC
Power Consumption (Max)	19 Watts No Signal Idle
	425 Watts Clipping 4Ω Load

Dimensions and Weights

Unit (including output terminals -W x D x H) :	471 x 471 x 187 mm
Unit weight:	31.7 kg

AVID reserves the right to improve or change its products without notice at any time

Declaration of Conformity

EC Declaration of Conformity 10th June 2026

We declare that Opus Power amplifier conforms to directives and harmonized international standards:

EMC (89/36/EEC) Electromagnetic conformity

BS EN 60065: 1994

Safety requirements for mains operated electronic and related apparatus for household and similar use.

CENELEC HD21/22 Flexible cables and cords

EN 55020: 1988 Electromagnetic Immunity

EN 55013: 1990 Electromagnetic Emissions

C. Mas Director AVID HIFI Limited

Warranty Statement

AVID HIFI Limited products are warranted against defects in materials and workmanship for a period of two years from the original date of purchase, or no later than three years from the date of shipment to an authorized AVID agent, which ever comes first, extending to five years subject to the product owner having submitted the online Registration form:

www.avidhifi.com/register

The warranty is void if the device has been modified, received maltreatment of any kind and excludes general wear and tear.

Should you need to returned the device, you must first complete our 'Product Returns' application on our website or contact us before any return is made, and it must be packed in the original packing and returned to AVID HiFi at the customers expense. AVID HiFi reserves the right to charge for examination and return freight.

Full details of our Warranty and Terms and Conditions can be found on our website.

AVIDHIFI

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