

P R I M A R E

Primare Power Amplifier A30.2

The A30.2 is a two-channel modular power amplifier designed as the ideal output stage in a home theatre or hi-fi system.

Audiophile circuit design

The A30.2 power amplifier is a dual-mono design, which means that it incorporates two compact mono power amp channels each with a separate transformer and power supply. This provides the ideal conditions for optimum stability and channel separation.

The heat sinks are massive to keep the temperature at a moderate level even under the most difficult working conditions.

The amplifier is capable of delivering 120watts into an 8 ohms load and incorporates full speaker protection against faulty input signals. One individual DC-servo for each channel together with protection circuit and temperature monitoring provide state-of- the-art protection.

It can internally be configured as a fully balanced mono power amplifier using either balanced (XLR) or unbalanced (RCA) inputs. In this mode the A30.2 is capable of delivering 1 x 380W into an 8ohm load.

Audio connections

Each channel incorporates an unbalanced RCA as well as a balanced XLR input configured with a backside switch. Massive high quality gold plated speaker terminals suitable for most audiophile speaker cables are also provided.

The amplifier can be remotely operated with its 12V trigger input, which has a loop-through output for controlling a second A30.2 or other amplifier.

Shortest signal paths

SMD technology is used whenever possible to keep the shortest possible signal path for the highest possible performance.

Clean power supply for the best possible performance

Each channel has its own toroidal transformer and a massive electrolytic bank of 40000uF. The driver stage has separate transformer windings and regulation in four steps. This configuration produces a high signal to noise ratio and minimises cross-talk from other channels.

Careful design for operational stability

As with all Primare units, the A30.2 is housed in an alloy heavy gauge steel chassis, which provides strength, rigidity, and screening, while being effective at damping vibrations from external sources.

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Using the A30.2 with other Primare products

Although the A30.2 is flexible enough to act as the output stage in virtually any system, it is ideal for use with other products in the Primare range, such as the Primare SP31 Processor, SPA21 processor/amp, PRE30 pre-amplifier or DVD30 universal player. The A30.2 can be used as a building block in conjunction with the Primare A30.3 and A30.5 to create modular systems with any desired number of matched output stages, and one or more A30 Series amplifiers can be powered on or off remotely from a SP31 or SPA21 using the trigger connections.

Specifications

Output power per channel 120W into 8Ω, 200W into 4Ω

Output impedance <0.03Ω

Line inputs 1V for 120W into 8Ω

XLR inputs 2V for 120W into 8Ω

Input impedance 11kΩ

Frequency response <10Hz – 100kHz, -3dB

THD <0.08%

Signal-to-noise, line -100dB

Power consumption 800W

Dimensions (WxDxH) 430 x 385 x 100mm

Weight 16kg

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