

P R I M A R E

A33.2 POWER AMPLIFIER

The A33.2 is a two-channel modular power amplifier designed as the ideal output stage in a home theatre or hi-fi system. Its design is based on A30.2 technologies with a further simplification of the signal path.

Audiophile dual/mono circuit design

The A33.2 power amplifier is a dual-mono design, which means that each channel has its own identical, dedicated mono amplifier incorporating a heavy-duty custom-made toroidal transformer and low noise regulated power supplies. Each uses four ultra-fast bi-polar output devices in a push-pull configuration to preserve perfectly the fidelity of musical transients and minimize distortion.

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.

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 A33.2 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 A33.2 is housed in a heavy gauge (2 mm) steel chassis, which provides strength, rigidity, and screening, while being effective at damping vibrations from external sources.

Using the A33.2 with other Primare products

Although the A33.2 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 SP32 Processor, SPA22 processor/amp, PRE30 pre-amplifier or CD31. The A33.2 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 SP32 or SPA22 using the trigger connections.

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Specifications

Output Power: 120W per channel into 8 Ohm; 200W per channel into 4 Ohm

Inputs: XLR, 2V for 120W into 8 Ohm; RCA, 1V for 120W into 8 Ohm

Other Inputs: 4 to 12V trigger

Frequency Response: <10Hz - 100kHz, -3dB THD: <0,08%

Signal-to-Noise, line: -100dB

Input Impedance: 11k Ohm

Output Impedance: <0,03 Ohm

Power Consumption: 800W

Dimensions (WxDxH): 430 x 385 x 140mm

Weight: 20 kg

Colour Option: Black or Titanium

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