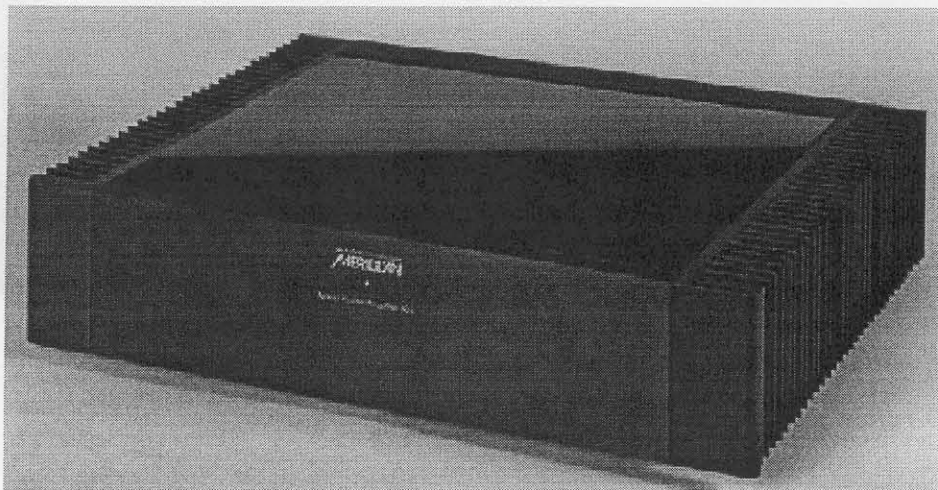


Meridian 556 Power Amplifier

Meridian have maintained a strong reputation for their power amplifier technology for over 15 years. Until now, their power amp developments have concentrated on high-transparency low-power models or on the custom amplifiers in their renowned active and digital speaker designs.



The 556 took the Meridian 500 Series into new territory – with 200W of clean clear power – allowing the option of a complete Meridian front end for large passive speakers for the first time. The 556 uses all we learnt from that outstanding product but delivers it in a package similar to the 505 Mono Amplifier with 100W stereo output.

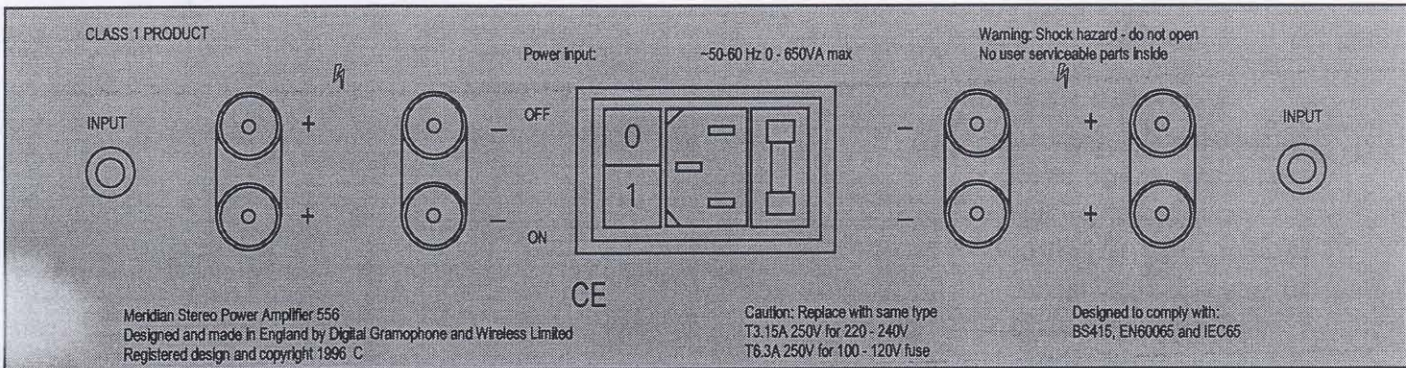
The Meridian 556 houses two powerful amplifiers in a dual mono construction. The amplifiers are rated at 100W into 8 ohms. The over-specified output stage uses 8 high-power transistors. These, combined with a low-noise 800VA toroidal transformer, permit this amplifier to

deliver massive currents, ensuring no loss of performance even into loads that dip below 2 ohms. The power delivery of this amplifier makes it ideal for driving difficult loudspeaker loads.

The 556 provides unbalanced inputs as well as twin outputs for bi-wiring.

The topology of 556 is very much in the Meridian tradition. A high-precision fast DC-precise input stage is combined with a fully complementary amplification and output stage. Also, the 556 uses Meridian's well tried self-adjusting bias and error-correction output topology.

As you may expect, the 556 is fully protected against dc and thermal overload.



Performance

100W into 8 ohms
Distortion <0.05%
Signal to noise ratio -90dB
Rear-panel controls for: Power On/Off
Front-panel power indicator lamp

Inputs and outputs

Unbalanced inputs on phono - Sensitivity 1.77Vrms (designed to match with 551 if required)
Twin outputs for bi-wiring

Construction

Dual Mono construction
5 pairs of output devices per side
2 high quality, audio grade, smoothing capacitors per side (27,200µF used in total)
Error corrected output stage
Idealised magnetic circuit design
Low feedback design
Fully protected against dc and thermal overload
Low inductance power oxide resistors
800VA toroidal transformer
Dimensions 88mm (3.46in) H, 385 (15.16) W, 306 (12.05) D - Weight 17kg (37.5lbs)