

505

Mono Power Amplifier

Sales information
12th February 2002



Meridian 505

The Meridian 505 Mono Power Amplifier has been designed to cater for two separate requirements: clarity and response, and it takes both of these in its stride.

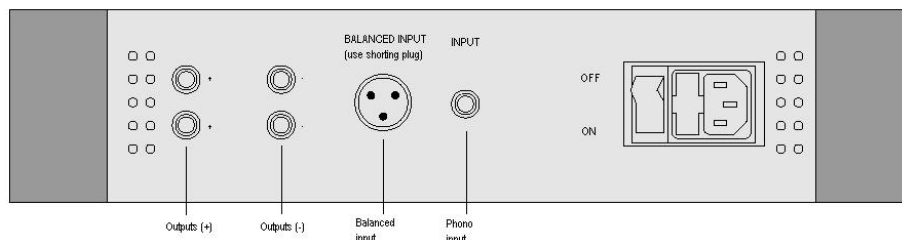
The 505 can be used with the 502 or 501 preamps, or with the 568 Surround Controller. It matches perfectly with the 557 for centre-channel applications. For the complete theatre approach 505 can be used in multiple sets.

The Meridian 505 houses one powerful amplifier in its mono construction. Rated at 160W into 8 ohms, the over-specified output stage uses 6 high-power transistors. These, combined with a massive low-noise 800VA toroidal transformer, permit this amplifier to deliver currents in excess of 25A, ensuring no loss of performance even into loads that dip below 2 ohms. The massive power delivery of this amplifier makes it ideal for driving difficult loudspeaker loads.

The topology of 505 is very much in the Meridian tradition. A high-precision, fast, DC-precise input stage is combined with fully complementary amplification and output stage. The 505 also uses Meridian's well tried self-adjusting bias and error-correction output circuitry.

Technical Specification

- Power output:** 160W into 8 ohms. 260W into 4 ohms
Distortion: <0.05%
Signal/Noise: -90dB
Inputs: Balanced on XLR – Sensitivity 2.66V rms. Unbalanced on phono – Sensitivity 1.27V rms. (Both inputs designed to match with 557 if required).
Outputs: Twin outputs for bi-wiring
Construction: Mono construction. 3 pairs of output devices per side. 2 high-quality smoothing capacitors. Error corrected output stage. Low feedback design. Dynamic bridge front end gives fully balanced input operation. Fully protected against DC and thermal overload.
Dimensions: 174mm (6.85in) H, 385 (15.16) W, 306 (12.05) D
Weight 17kg (37.5lbs)
Controls: Rear-panel controls for Power On/Off
Front display: Power indicator lamp



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