

551

Integrated Amplifier

Sales information
12th February 2002



Meridian 551

The Meridian 551 Integrated Amplifier uses a dual-mono construction similar to the 556 and 557 Stereo Power Amplifiers but includes a high-quality preamplifier similar to the 501.

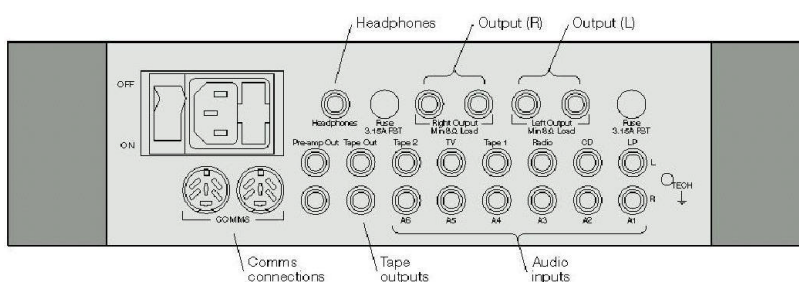
The preamplifier provides six audio inputs, each of which can be individually adjusted for sensitivity, and identified on the four-character alphanumeric display. A very high quality MC or MM phono stage is available as an option for the dedicated LP input.

The power amplifier uses a unique feedback topology and precision local error correction system. It is designed and constructed in dual mono format, including a massive twin wound toroidal transformer.

A separate headphone amplifier and a speaker on/off facility allow you to enjoy music without disturbing others.

Technical Specification

- Distortion:** Less than 0.05%
- Signal/Noise:** Less than -90dB for high-level analogue inputs. Less than -70dB for MM input. Less than -60dB for MC input.
- MM option:** Sensitivity adjustable 0.5 – 3mV for 5cm/s @ 1kHz. Overload point 47mV @ 1kHz. Cartridge load 47k Ohms 100pF.
- MC option:** Sensitivity adjustable 38 – 210µV for 5cm/s @ 1kHz. Cartridge load 220 Ohms 10nF.
- Inputs:** 5 phono inputs, sensitivity adjustable 27 – 150mV. Input impedance 20k.
- Outputs:** 2 outputs 55W per channel into 8 Ohms, 80W per channel into 4 ohms. Volume control 99 steps of 1dB
- Tape output:** 1.5V
- Headphone:** 2V maximum output.
- Comms:** Two 5-pin 240° DIN sockets, RS232 interface.
- Construction:** Black textured enamel and glass finish. Side heatsinks from black painted aluminium.
- Dimensions:** 88mm (3.46in) H, 321mm (12.64) W, 332mm (13.07) D. Weight 10kg (20lbs)
- Controls:** Front-panel controls for Source, Copy, Spkrs, Mute, Display, Volume up/down, Off.
- Front Display:** 4-character dot matrix LED display.



- Dual-mono construction
- Six adjustable-sensitivity audio inputs
- Separate headphone amplifier allows you to enjoy music without disturbing others
- High quality MM or MC phono stages available
- Preamp audio output using low distortion volume control
- RS232 for external control

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