



# D2500

## Digital Active Subwoofer

Sales information – 21<sup>st</sup> August 2001

- **Dual driver acoustic-suspension active loudspeaker**
- **Takes digital inputs up to 96kHz and supports MHR**
- **One 200W high-efficiency power amplifier**
- **User control over input, sensitivity and crossover frequency**
- **Analogue version (M2500) available has line level balanced & unbalanced inputs**

## Meridian D2500

The Meridian D2500 is big brother to the D1500 - the worlds First Digital Active Subwoofer. This 200-Watt design uses dual 250mm drivers to provide more of the same extreme deep, clear and controlled bass that the D1500 is known for. It too employs 96kHz/ 24bit digital to analogue conversion and accepts digital inputs up to 96kHz including those carrying MHR signals.

Separate analogue and digital power supplies are used to feed the D2500's precision electronic circuits ensuring that both high and low power sections receive continually smooth supply.

Fully shielded for use close to monitors and televisions Meridian subwoofers are constructed from 22mm MDF and are fully braced and damped. They are then finished with a 6mm annealed plate glass top and are supplied with feet and castors so as they can be installed on any floor type.

The input and output connectors on the back panel of the D2500 allow it to be easily daisy chained should you require multiple subwoofers. It also features Meridian Comms connections so as when installed in a Meridian Digital Theatre it works seamlessly with other Meridian products.

Meridian subwoofers come supplied with an SY5-lead to make Meridian Comms connection easier.

## Technical Specification

- Performance:** Frequency response within 3dB from 30Hz to 400Hz (Bypass)  
Switchable 2nd order Butterworth crossover with settings for Flat, DSP5000 compatible or DSP33/ M33 compatible  
Output >110dB spl @ 1m  
Noise and Hum <-72dBm  
Distortion <0.1%, typically less than 0,02% up to full power at all relevant frequencies
- Inputs:** Two cable digital inputs, 75Ω, up to 96kHz, PCM or MHR encoding
- Construction:** Acoustic-suspension digital active loudspeaker  
Two 250mm high-efficiency long-throw custom driver  
Veneered MDF braced and damped, in black with 6mm annealed plate glass top  
Supplied with castors and spikes  
Complementary high-efficiency bipolar design, with output-stage error correction and twin feedback loop  
200W mean power continuous  
Optimised magnetic design
- Dimensions:** 788mm (31.1in) W, 416 (16.4) H, 440 (17.3) D without supplied feet or castors. Weight 62kg (137lb)

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