

Sources:

MERIDIAN CD PLAYERS



Meridian built the world's first audiophile CD player in 1983, and introduced the first two-box transport and converter in 1986; we have led the way ever since. We emphasise good mechanical and digital engineering. For example, we know players work better if the CD is mounted directly onto the turntable. Our players offer convenient front-drawer loading without compromising sound. Our non-magnetic disc-clamping mechanism includes a carbon and glass-fibre turntable to radically reduce vibration; this means

the servo correction circuit works more leisurely ensuring better sound. We also design our own servo circuits and – unique in the industry – write all our own control software.

Jitter, a damaging form of digital distortion arising from time errors, is virtually eliminated by our precision re-clocking methods; 75-ohm amplifiers drive long cables jitter-free,

Our 508.24 player is the world's best single-box CD player, with 24-bit dual-differential delta-sigma digital converters. Like all Meridian CD players, it uses multi-regulated power supplies, discrete class A amplifiers, and four-layer partitioned PCBs normally found in the aerospace industry.



500 Compact Disc Transport.

The 500 is our best transport, ideal for Meridian digital speakers or with the 565 digital surround processor. Combined with our 566 DAC, it's the finest CD playback system Meridian offers, the separate boxes providing the best electrical and mechanical separation possible.



566 Digital to Analogue Converter.

The balanced-operation 566 uses a new true 24-bit high-resolution, dual-differential, delta-sigma converter. Jitter so low it is virtually unmeasurable is achieved by precision twin phaselock loops and re-clocking.



508.24 High Resolution CD Player.

The world's best single-box player (Stereophile Class A), 508.24 combines in one chassis the unique high-resolution, dual-differential, delta-sigma 24-bit converter of the 500/566 combination with a high-precision internal clock, and includes balanced and unbalanced outputs. Unique servo software improves resolution and the playability of discs by adapting to each CD.



506.20 CD Player.

The 506.20 is a superb single-box CD player featuring 20-bit delta-sigma conversion for outstanding performance.



500 Digital outputs: Ultra-low jitter and 20ppm clock accuracy. One each of: coax SPDIF, high-speed EIAJ optical, AES/EBU on XLR.

566 Controls: D1, D2 and D3 select digital inputs; Optical selects optical digital input; Phase toggles absolute phase.

Input connections: Three coax digital audio, additional AES/EBU XLR connection on D1. One EIAJ optical digital input. 32kHz-48kHz.

Output connections: Unbalanced analogue 2V rms. Balanced audio additionally on XLRs.

Noise and distortion: Less than -96dB.

508.24 Digital outputs: Precision re-clocked for low jitter, one coax SPDIF digital, one high-speed EIAJ optical digital.

Analogue outputs: 2V rms unbalanced. Balanced on twin XLRs.

Noise and distortion: Less than -96dB.

506.20 Outputs: One coax SPDIF digital, one high-speed EIAJ optical digital. Analogue output 2V rms unbalanced.

Noise and distortion: Less than -95dB.

General Controls: Drawer Open/Close, Play, Stop, Pause, Display, Previous Track, Next Track, Off (standby). Full remote control via Meridian System Remote (MSR) provided.

Display: Eight-character alphanumeric of track, time and index, or blank.

Dimensions: 88mm (3.46in) H, 321 (12.64) W, 332 (13.07) D.

Sources:

MERIDIAN DVD PLAYER AND MERIDIAN FM STEREO TUNER





586 DVD Player. Meridian, who 14 years ago introduced high-end CD and still make the very finest players, are proud to announce a new performance leadership, high-end DVD.

DVD Video is an exciting new format. Although it looks like a CD, by using high-quality MPEG2 video compression with Dolby Digital or MPEG sound formats, one DVD disc can hold a complete motion picture.

Meridian's design team brought the full benefit of their CD experience as well as important psychoacoustic and psychovisual insights to this design. As a result, it offers sound and picture quality that is second to none with the features needed to exploit DVD in high-end home theatre.



504 FM Stereo Tuner. Perhaps because many of us grew up listening to portables or car sets we tend to overlook radio as a rich source of listening pleasure.

The 504 is the latest in a long line of Meridian tuners with a reputation for stunning sound quality. It features a dual gate MOSFET input to pull in distant stations, while the matched ceramic filters ensure fine selectivity to cope with more crowded locations.

A Walsh function stereo decoder gives remarkable clarity and freedom from interference. The 504 has full remote control and can store up to 30 stations in memory showing their names for your convenience.

The 586 is a powerful statement by Meridian on the potential quality of the new DVD medium. The digital output of 586 has the lowest jitter yet for a transport and we are justifiably proud of its performance for CD as well as DVD.

586 Controls: *Open, Play, Stop, Pause, Next and Previous. DVD handset controls for Menu, Subtitle, Angle, Zoom etc.*

Outputs: *Very low jitter outputs for CD and DVD 5.1 encoded or 2 channel. Composite, S-Video and Component broadcast-quality output. Analogue output for 2 channel compatibility.*

Display: *Twelve-character alphanumeric and on-screen video display, or blank.*

Meridian Comms and RS232 connection.

Dimensions: *88mm (3.46in) H, 321 (12.64) W, 332 (13.07) D.*

504 Tuner Controls: *Tune, Mono, Store, Display, Previous and Next Preset, Off.*

Presets: *Up to 30 stations, each with custom label for display.*

Input: *FM 75 unbalanced, 87.5 through 108MHz.*

Sensitivity: *1.5V for ultimate quieting.*

Output: *2V rms.*

Distortion: *Less than 0.2% mono, 0.4% stereo, noise below -70dB.*

Display: *Eight-character alphanumeric for showing station name, frequency, preset number, signal strength and tuning accuracy, or blank.*

Dimensions: *88mm (3.46in) H, 321 (12.64) W, 332 (13.07) D.*