

BOOTHROYD STUART
MERIDIAN



MERIDIAN 207-PRO COMPACT DISC PLAYER

The 207 provides a unique combination of quality and facility. The very highest standards of audio performance are combined with a truly comprehensive control system, resulting in a product which has received worldwide acclaim. Meridian now provide a complementary range of products to the 207 including 201 Preamplifier, 205 Power Amplifier, 204 Tuner Timer, 209 Remote Control and a range of 3 Active Loudspeaker Systems. The 207 has the following new features:

- New Meridian designed servo circuits for improved playability.
- 2 box construction which provides acoustic and electronic isolation of circuits.
- High mass 3 point sorbothane suspension system for better sound.
- New Meridian designed microprocessor control functions for simpler operation.
- Inputs for radio, tape and LP record deck with switchable cartridge level matching.
- High energy power supplies for better control of audio circuits resulting in improved sound.
- Full function remote control system.

NO ORDINARY COMPACT DISC PLAYER

Meridian have earned their reputation as the leading designers and manufacturers of the world's finest sounding Compact Disc players.

The 207-PRO is designed and made by these enthusiasts in England, and extensive research has been made in the evolution of this very advanced CD player. Every detail of the mechanical and electronic engineering, from the floating cast subchassis and two-box construction to the electronic volume and comprehensive remote controls, is designed to make the 207-PRO the finest Compact Disc player.

The Meridian 207-PRO is the source to give you the highest quality music playing system for your home—and it combines this formidable performance with effortless, yet comprehensive control of its functions. It has no equal.

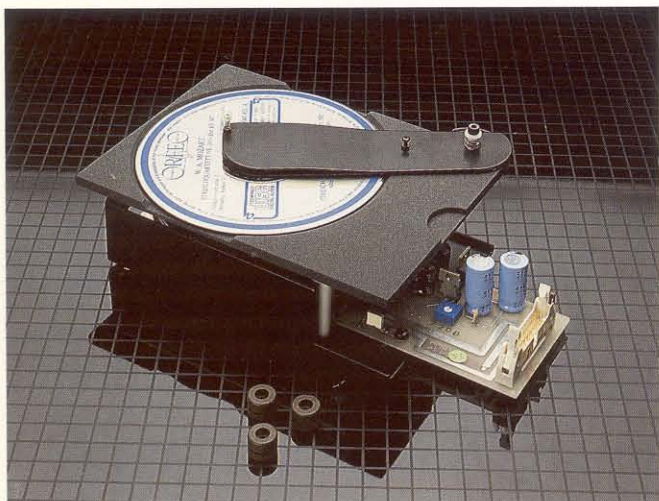
MERIDIAN 207-PRO, THE CLEAR DIFFERENCE

Meridian built a worldwide reputation with their early CD players—the MCD and PRO-MCD. The extensive use of these machines for reference by the best recording companies, and awards from Japan, the USA and the UK, testify to this.

In part, this reputation resulted from a deliberate engineering approach which concentrated on the aspects of design that optimised the quality and integrity of sound. Meridian have not allowed enthusiasm for technology or features to interfere with the objective, which is the best sound with easy operation, any more than they have allowed these objectives to be diverted in economies for manufacture.

The Meridian 207-PRO is a no-compromise design and will form the cornerstone of a music system.

The complementary range of Meridian Active Loudspeakers are perfect partners for the 207-PRO.

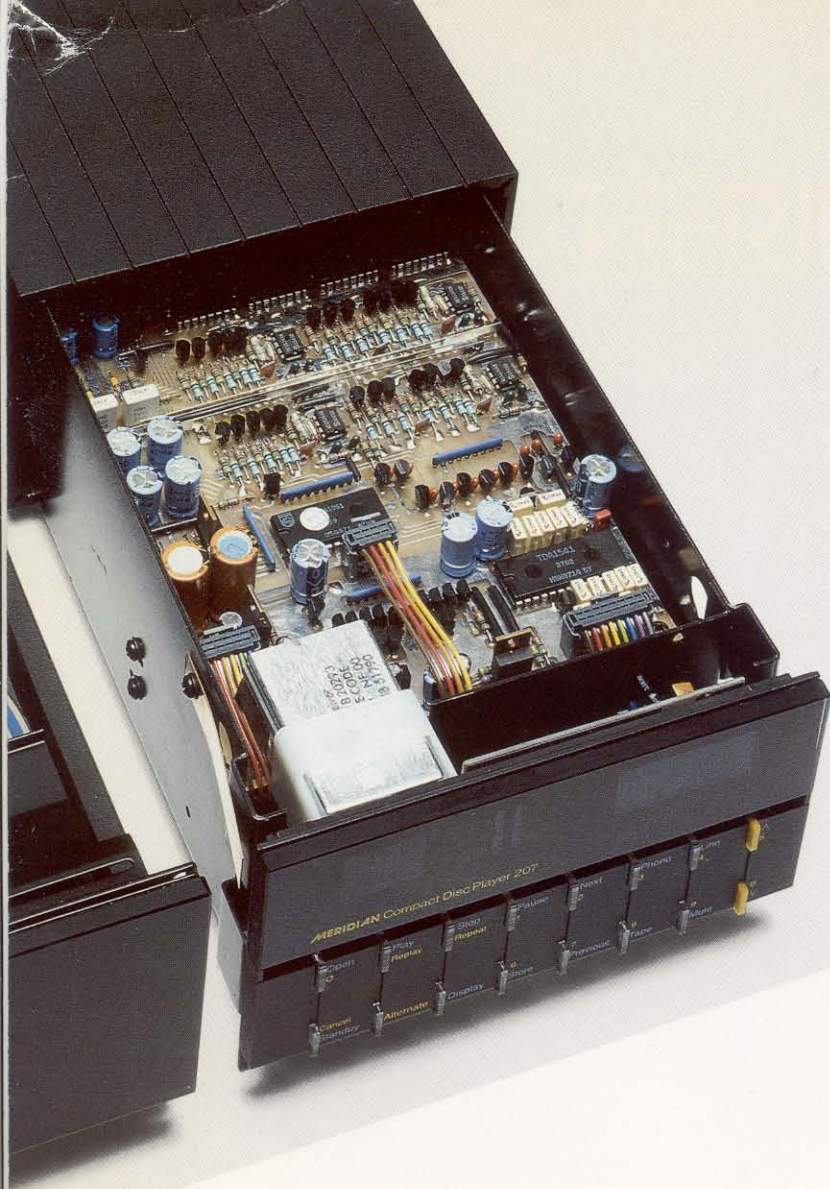


The Meridian designed high mass cast laser mechanism and servo circuit is suspended in the drawer on specially developed 3 point 'sorbothane' mounts. This provides superior playability without loss of quality.



MERIDIAN 207-PRO, WHY SEPARATE BOXES?

It is no accident that the 207-PRO is arranged in two parts. One contains the precision-engineered motorised CD transport system and the system power supplies. The CD transport carries the single-beam laser pick-up assembly in a sprung die-cast subchassis, and runs on precision stainless steel guides. The assembly moves out at the touch of a switch on the front panel. This whole mechanism is housed in a heavy aluminium tube and when the plate-glass door slides shut against its soft surround, the spinning Compact Disc is acoustically and mechanically isolated. This aspect of the construction adds a lot to the sound quality of the player and yields the convenience of front-loading without the loss of quality that normally results.



A powerful feature of the Meridian 207-PRO is the built-in preamplifier facilities.

It can be directly connected to a tape recorder and a line input such as a radio; this allows it to control a simple but very high-quality music system. The tape input is a monitor and can be used to make and check recordings.

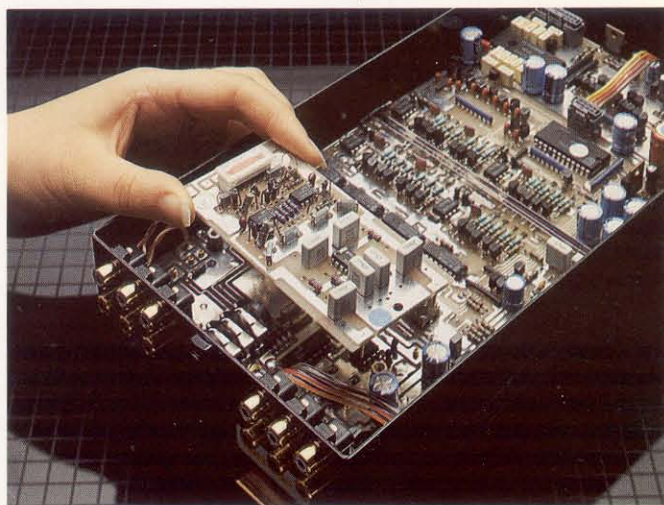
MERIDIAN 207-PRO, THE ELECTRONICS UNIT

This unit can be mounted either side of or above the transport unit.

The lower half of this case houses the digital decoding and filtering circuits, which process the output of the laser mechanism. A metal screen separates this digital section from the upper half, which houses the precision digital-to-analogue converters, and all the audio sections, including the input switches and a unique, very high-quality electronic volume control.

The front panel carries a display, keyboard and an infrared pick-up for remote control. The remote system operates to a European standard and should therefore be compatible with other equipment. The four digit display shows total/elapsed/remaining disc time or volume level or information on track selections. The display also indicates absolute-phase polarity, repeat and information on the operation of error correction—this is useful to monitor the condition of your discs.

The light-action keyboard has been laid out to provide orderly control of the main functions. An 'Alternate' key provides for additional functions including direct track-number selection, take-out programming, phase and replay.



The 207-PRO can also accept a signal from a long playing record deck. The illustration shows the optimal phono stage which can be plugged into the circuit and switched to either MM or MC cartridge output. These comprehensive connections make the 207 the ideal centrepiece of the finest audio system available.

SPECIFICATIONS

Inputs	Compact Disc	
	Line (tuner, etc)	500mV, 10k-ohms
	Tape	500mV, 10k-ohms
Outputs	Fixed	300mV, 12 ohms
	Variable	600mV max, 60 ohms
	Tape	300mV, 470 ohms
	Headphones	600mV max, 60 ohms
Distortion		<0.004%
Noise		<90 dB
Conversion		4 X over-sampling at 16 bits
Precision		15.5 bits minimum
Facilities		open/close, replay, pause, repeat, next/ previous, store/cancel volume up/down, standby direct track number programming, absolute phase switch, two additional inputs/output for tape
Display		track/time/track time/remaining time, Volume level, stored/cancelled tracks
Indicators		phase reversal, equalisation, repeat, alternate display, error correction, muting pause, line input, tape monitor, Power-ON (standby)
Finish		black textured enamel and glass
Dimensions (w x h x d)		160mm x 100mm x 320mm (+ plugs/ sockets)
	each half	6.3" x 3.9" x 12.6" (+ plugs/sockets)
Weight		8.5 kg
		18 lbs

MERIDIAN 209, THE REMOTE CONTROL

The Meridian 209 command unit has been designed to drive a complete Meridian hi-fi system. It can control all the functions of the 207-PRO and of other products including the Meridian 201 preamplifier and Meridian 204 FM tuner/timer. It is clear enough for the inexperienced user to operate and large enough not to get lost! Used with other Meridian components, it can control more than one sound programme in several rooms.

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