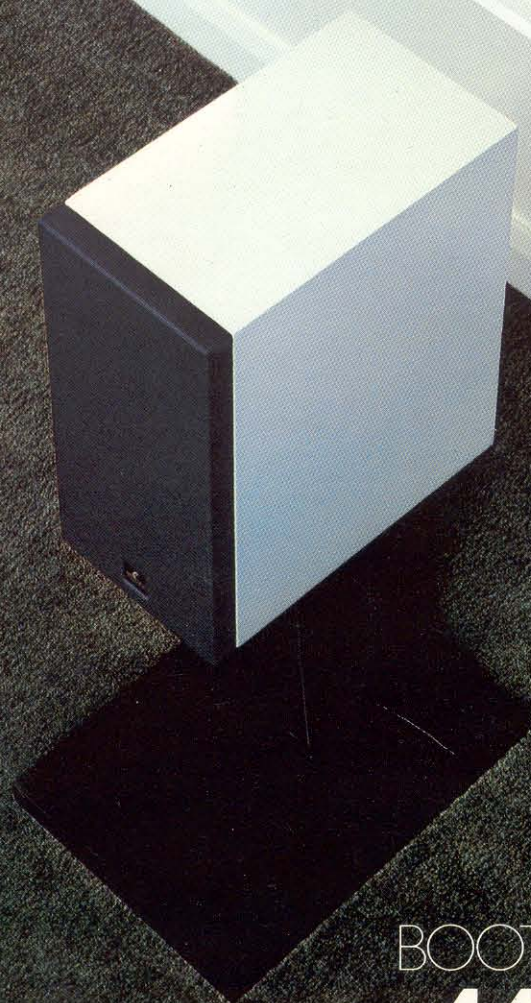


MERIDIAN MUSIC SYSTEMS

COMPACT DISC PLAYER
AMPLIFIERS
LOUDSPEAKERS



BOOTHROYD STUART
MERIDIAN

'An astonishing loudspeaker. Matchless precision and
stereo image.'
AUDIO MAGAZINE USA



COMPACT DISC



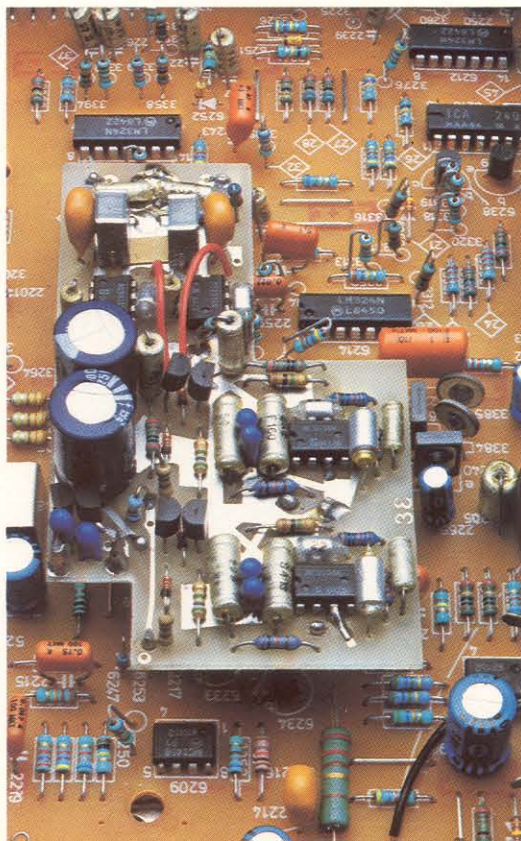
We say quite confidently that the MCD (Meridian Compact Disc) player extracts the ultimate performance from the new laser-read compact discs. The rest of the world says so too, for the MCD has been independently voted the best sounding machine in the UK, in Germany, in Denmark, in the USA and in Japan.

The compact disc is the most advanced music storage system to date. It is inherently flexible in use and it doesn't damage with age, so it is completely free of the popping and clicking associated with conventional records. A CD can store up to an hour of music and provides exquisite, precise sound reproduction.

Meridian engineers found that, although the digital elements of most CD players work very much as expected, the analogue or output aspect of these players presents a considerably more complex design challenge. We completely rethought the analogue stage in the MCD, using the finest components and highly developed circuitry.

We have also made significant improvements to the conventional performance standards of the power supplies and oscillators. Our research has resulted in the MCD giving a more accurate reproduction and, in particular, a sweeter sound than anything achieved by earlier CD players.

The special Meridian analogue circuit



Major recording companies worldwide have certainly spotted the difference, since many now use the MCD to monitor the quality of their discs.

That vote of confidence is a good reason why the Meridian Compact Disc player should be the first building block in your ultimate music system.

MODULAR CONTROL SYSTEM

The control unit is a vital component, for it is here that you interface with the music system.

In designing the Meridian modular amplifier, our engineers recognised that every home music system has different requirements. Sound sources are evolving rapidly in number and type, and that makes it harder to specify a sound control centre that will suit all present and future needs.

In the Meridian modular control unit, called the MLP, you start with power supply and volume control modules, to which you can add as many inputs as you require now – plus others in the future.

If you only want compact disc, for instance, you fit the CD module alone. But you can fit modules for different sources, including turntable (moving magnetic or moving coil pick-up), tuner, aux, and several tape recorders with full copying facilities.

The real beauty of the MLP is that you end up with a custom control unit. As other sources such as cable radio, satellite, PCM and video sound become available, inputs can simply be added.



MLP, the Meridian modular control unit

You can programme your own switches on the MLP, a facility which, along with the concealed tape controls, means that primary 'obvious use' could not be simpler. This totally new concept of control amplification makes the Meridian MLP unique, a tribute to the ingenuity and skill of our engineers, and the perfect centre to any sound system.

'The best CD player I've heard at any price.'
Dave Berriman NEW HI FI SOUND

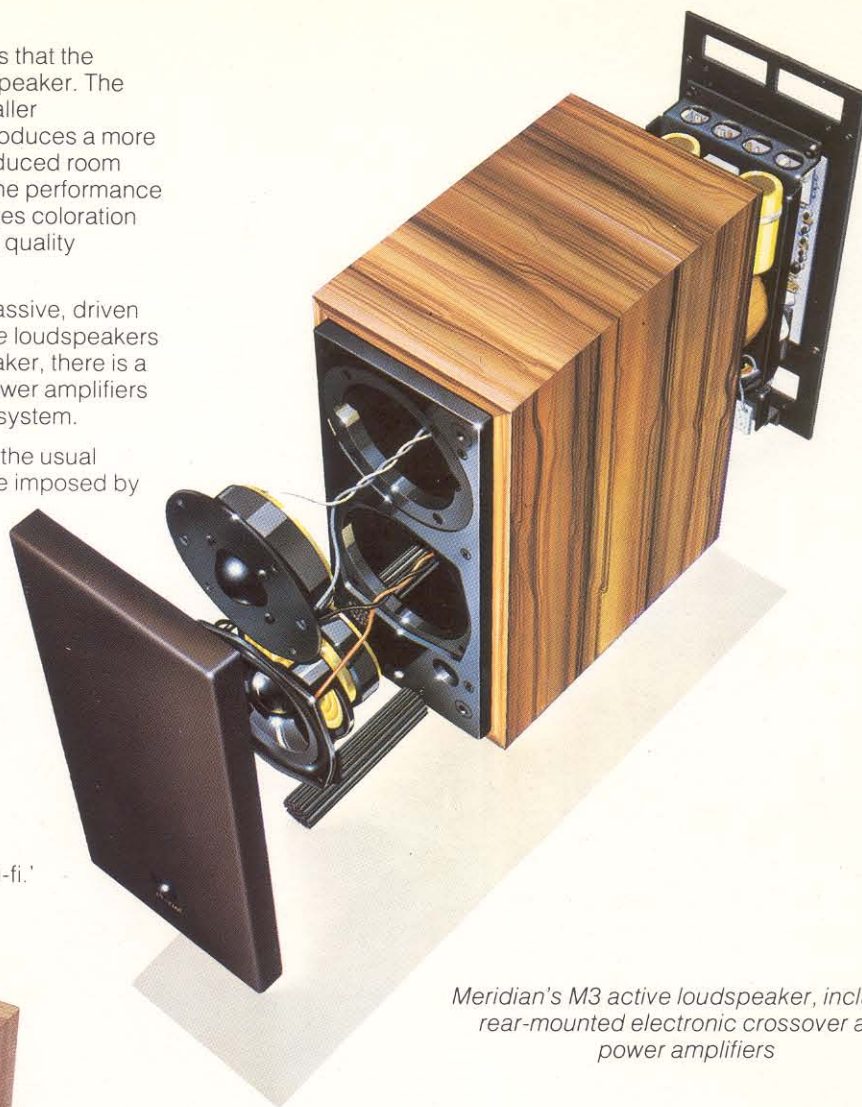
MERIDIAN ACTIVE LOUDSPEAKERS

Quite contrary to general opinion, Meridian believes that the highest quality sound can come from a small loudspeaker. The reason is simple enough: like a human voice, a smaller loudspeaker radiates sound in a 'familiar' way. It produces a more easily interpreted sound in solid stereo and with reduced room effects, and the result is an illusion of presence at the performance itself. The smaller Meridian loudspeaker also reduces coloration due to cabinet vibration, further aided by the use of quality veneered plywood in cabinet construction.

The usual arrangement is for loudspeakers to be passive, driven by a separate power amplifier, but Meridian's *active* loudspeakers contain their own electronics. Within each loudspeaker, there is a generous power supply to two or three separate power amplifiers which independently power the drive units in each system.

The electronics element also frees the system from the usual compromise between efficiency and bass response imposed by conventional loudspeakers. The interactive bass system developed by Meridian achieves bass performance equal to a passive sealed loudspeaker of eight times the volume, which means that all our models play down to nearly three octaves below middle C. It is the accuracy of these low level sounds which contributes so much to the realism and musical ambience achieved by Meridian systems.

'Meridian M2 – what a beautiful way to have hi-fi.'
Geoffrey Horn GRAMOPHONE



Meridian's M3 active loudspeaker, including rear-mounted electronic crossover and power amplifiers

MERIDIAN POWER AMPLIFIERS

If you already have conventional speakers, you can buy separately the high quality power amplifiers used in Meridian active loudspeakers. The MCA is rated at 35W and the MPA at a generous 75W. Both have a switch-mode power supply system which provides high power without hum, and is quite free from the problems created by poor quality AC supply.

THE MERIDIAN EXPERIENCE

Listen to your favourite pieces through these elegant and exquisitely engineered systems and you will experience musical sensations at quite new levels of intensity.

You can take the first step towards understanding and enjoying this thrilling musical experience by talking to one of Meridian's selected dealers. It will bring entirely new meaning to music in your home.

'In my book the Meridian M2 is a winner for its superb control, dynamics, imaging and openness.'

QUEST TEST

MERIDIAN MUSIC SYSTEMS

Meridian has been designing and building good music systems for only a decade, and yet this small English company has already achieved international acclaim among music devotees.

Its success is founded on a radical approach to the design and construction of home music systems, based on a philosophy dedicated to maximum performance and maximum enjoyment of the music. At the same time, Meridian believes that people who take pleasure in music should be able to get the best results from the best sound equipment without having to become audio experts into the bargain.

Hear music on a Meridian system and you will experience the ultimate in sound reproduction. The result of our innovatory design and rigorous attention to detail speaks for itself.

THE DIFFERENCE WITH MERIDIAN

Meridian's uncompromising attitude to making component music systems is dominated by three ideals: highly refined sound quality, physical elegance and absolute flexibility.

This pursuit of total quality has led us to incorporate some innovative design features into Meridian systems. For example, the Meridian active loudspeakers contain their own power amplifiers, a radical design concept by which we have achieved more accurate sound in a less obtrusive cabinet.

The loudspeakers can be driven by the Meridian component control system. This is unique in allowing you to specify your requirements precisely without affecting future flexibility, sound quality or ease of use.

It is that sort of design approach which makes Meridian systems so striking in their simplicity and yet so advanced in their concept and sound quality.

'One of the most significant developments in
CD player technology.'
Bert Whyte AUDIO MAGAZINE USA



Meridian M3 active loudspeakers are sold in walnut veneered plywood – other finishes are available to order

SPECIFICATIONS

MCD – COMPACT DISC PLAYER

Output voltage	2V RMS max, typically 250mV RMS
Output impedance	50Ω
Signal to noise ratio	>90dB, THD< 0.005%
D/A conversion	14 bit with 4× oversampling
Dimensions (WHD)	32×7×27cm, weight 5kg



MLP – CONTROL UNIT

Output voltage	500mV RMS @ 600Ω, fully balanced
Signal to noise ratio (CD module)	>100dB, THD < 0.005%
External power transformer	
Typical number of modules	5
Dimensions (WHD)	16×5.5×30cm, weight 1.5kg



MCA – INTEGRATED AMPLIFIER

Output	Power amp 2×35W/8Ω, peak current 15A, pre amp 500mV RMS @ 600Ω, fully balanced
Signal to noise ratio (CD module)	>100dB, THD< 0.005%
Protection	Electronic, against overcurrent, DC offset and overheating
Dimensions (WHD)	40×5.5×30cm, weight 4.5kg



MPA – POWER AMPLIFIER

Output	2×75W/8Ω, peak current 35A, class AA ensures output transistors are always on
Input	Fully balanced with bridging facility to give 300W/8Ω
Protection	Electronic, against overcurrent, DC offset and overheating
Dimensions (WHD)	30×12×30cm, weight 5.5kg



M3 – ACTIVE LOUDSPEAKER

Max output	100dB @ 1m –3dB at 38Hz and 20KHz
Internal amplifiers	Bass 70W, tweeter 35W
Number of drivers	1×110mm bass, 1×dome tweeter
Dimensions (WHD)	17×36.5×30cm, weight with stand 12kg

M2 – ACTIVE LOUDSPEAKER

Max output	105dB @ 1m –3dB at 38Hz and 20KHz
Internal amplifiers	Bass 70W, tweeter 35W
Number of drivers	2×110mm bass, 1×dome tweeter
Dimensions (WHD)	18×50×38cm, weight with stand 18kg

M10 – ACTIVE LOUDSPEAKER

Max output	110dB @ 1m –3dB at 33Hz and 20KHz
Internal amplifiers	Bass 140W, mid 70W, tweeter 35W
Number of drivers	1×100×200mm ABR, 4×110mm bass, 2×110mm mid, 1×dome tweeter
Dimensions (WHD)	43×105×49cm, weight with stand 46kg



All speakers have a fully balanced input with sensitivity 500mV @ 10KΩ. Stock finish in walnut. Mahogany, black, yew and rosewood specials available to order. All speakers come with connecting cables. Stands are included with M2 and M10; an optional stand is available for M3.

Boothroyd Stuart Limited reserve the right to change the specification of any product at any time without notice.

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