



BOOTHROYD STUART
MERIDIAN

Analogue and Digital Audio Systems

History and background

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Since the introduction of the first active loudspeakers and amplifiers in 1978, every product bearing the name Meridian has shared an evolutionary design approach. The idea is simple – we combine the very highest standards of performance with a distinctive style and a rare quality. We consider this policy to be one that gives all Meridian products the attributes of a true thoroughbred. The founders of the company, Allen



Boothroyd and Bob Stuart, together with the dedicated team at Meridian, see to it that this ideal is realised. With specialist skills and a devoted attention to detail, the company has grown into the most highly respected manufacturer of quality digital audio components in the UK. Meridian is not a multi-national company, but its success has been influential. Unlike many audio companies, all the products are designed, built and tested in our Huntingdon factory. Meridian is a specialist company – we only make audio products so our energy is not compromised in any way by other markets or concerns. The company is managed by the individuals who founded and developed it.



Meridian 100 Series 1977

Meridian equipment is characterised by a thorough understanding of the available evolving audio-technology, together with a unique ability to deliver consistently elegant products to its customers. As our company has developed so our range has increased. All Meridian units are designed to be forward and backward compatible. It is not our wish to devalue your purchase by introducing unnecessary redundancy but to provide the latest in performance through evolution. We believe that up to a third of our customers are already satisfied Meridian owners.

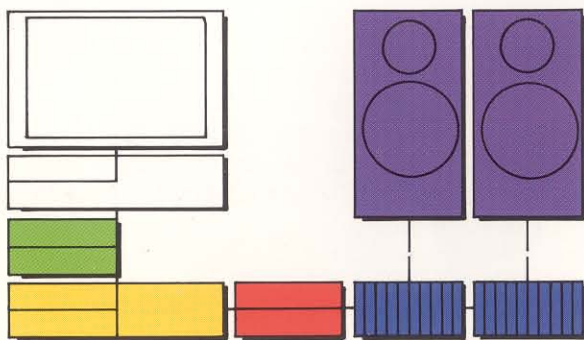
A vital part of the process of choice is to seek the expert advice of an appointed Meridian specialist dealer. We have built a strong network amongst the most respected audio retailers in the country and we are certain that they can provide a secure link between our products and your satisfaction.

Meridian products are built to one standard; the finest available hi-fi system can be built step-by-step or with one purchase, and you can be assured of consistent quality and the highest possible performance. This brochure provides an introduction from which your choice of a Meridian product can be made. We also hope that by browsing through the following pages you will begin to gain an idea of why we do things the way we do and what we are all about.



A Meridian System – The Choice

The primary role of a hi-fi system is to provide the finest replay of recorded music in your home. Whether your requirements are for one room or for each room in the house, the Meridian system is designed to deliver the same high quality sound. Multi-room music systems have a master room from which a network of products can be controlled – however remote their location. You will find more details of our multi-room products elsewhere in this brochure.



The conventional layout of an audio system can be simplified into three elements: Sources – CD player, Record player, Tuner, Cassette deck or DAT player; Loudspeakers – either active or conventional; Control – Amplifiers (pre and power or integrated), Control units and Handsets. Meridian does not manufacture any form of tape source, nor do we make TV's, but rest assured that these can be readily plugged into any Meridian system. The recently introduced improved technology for video and TV, such as NICAM and satellite digital sound can also be easily connected to your Meridian system to give

outstanding results. As with all communications systems the cables and connections between the elements are as important to the end result as the elements themselves. Your Meridian dealer is an expert and will be only too pleased to supply you with the correct cables for your system.

Meridian has built a sound reputation as a leading authority on CD players. This comes from a thorough understanding of how to integrate the newer digital technology with the best of analogue techniques. The evolution of the CD player has been driven by a desire on the behalf of music lovers to retain the standards set by LP records and analogue replay – but without the drawbacks of damaged, worn styluses and of warped, scratched or simply dirty records. The sheer convenience of CD players is overwhelming, but it was generally agreed that in the early days, the sound quality of an average CD player did not match that of a good record player. Meridian set about changing that.

Perhaps the controlling factor in audio performance for CD is the digital to analogue converter. This is the device which extracts the analogue musical signal from the stream of digits retrieved. Since Meridian continues to progress the quality of these converters the company offers the transport and converter in separate boxes. This means that Meridian owners can take advantage of improvements in converters as and when they occur.

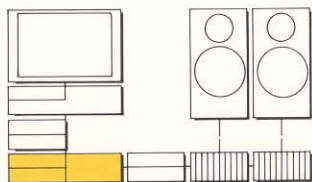
For those who require a more compact CD player Meridian offers integrated models and players that include a pre-amplifier control unit to which a number of other sources can be connected.

You will find these alternatives detailed on the following pages, together with information on the entire Meridian range of digital audio equipment. The choice is yours!

In addition to the 200 Series electronics products, Meridian also manufacture the 600 range of 'high end' products for the discerning audiophile. Details are available from Meridian Audio on separate data sheets where they are not included here.



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The Meridian 200 Series is our bench-mark, entry-level range, providing the audiophile with a far reaching and comprehensive group of digital equipment from which to choose. In essence there are three ways to put together a Meridian CD playing system from the 200 Series. You can simply purchase the 200 CD Transport and match it alongside the 203 Digital Processor, or if you want your CD player to be housed in one box, choose model 206 which is basically an integrated CD player. The 208 CD player is one step further – also an integrated unit, it contains a variable output analogue pre-amplifier which incorporates the highest possible technology. Each of the 200 Series CD players is detailed below. One thing that you will notice common to all our CD transports is that they operate in a rigid case sealed by a glass door. Meridian has found that detail engineering of the servo – which controls the laser – and care taken to exclude room generated feedback, both affect sound quality. It is attention to details like this that have set Meridian apart from the rest of the field in digital audio development.



200 CD Transport with 203 Digital processor

Meridian 206 CD Player

- Meridian 'Top loading' CD Drawer system
- Separated Box construction
- Solid Non Ferrous Aluminium Extrusion
- Differential Bitstream D/A conversion
- Digital cable and optical output
- Multiroom connection
- Full remote control from supplied handset



206 CD Player

Meridian 208 CD Player

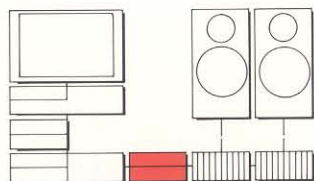
- Combined CD Player and Preamplifier functions
- Inputs for Tape, Tuner, LP Record Deck (Optional)
- Additional line input or LP input (via optional 215 module)
- Discrete MOSFET precision vol control
- 209 handset included
- Meridian 'Top loading' CD Drawer system
- Separated Box construction
- Solid Non Ferrous Aluminium Extrusion
- Differential Bitstream D/A conversion
- Digital cable and optical output
- Multiroom connection
- Full remote control from supplied handset



208 CD Player/Preamplifier

Meridian 201 Remote Control Pre-amplifier/Control Unit

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The Meridian 201 Remote Control Pre-amplifier is a true control unit, flexible and sophisticated, it will form the very nerve centre of your Meridian system. The 201 offers control over the entire system, providing the user with the functions of source selection and volume setting. The 201 will route the signals from a record player, CD player, tuner, video, TV and two tape recorders and has the capability of pre-setting the playback levels of each source to cut-out the unwanted noises heard when the volume level changes whilst switching from source to source. There is no need to reset the playback levels with this facility. The Meridian 201 sets new standards in sonic performance and ease of use.



201 Control Unit



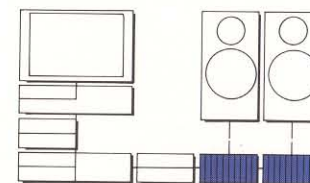


204 FM Stereo tuner



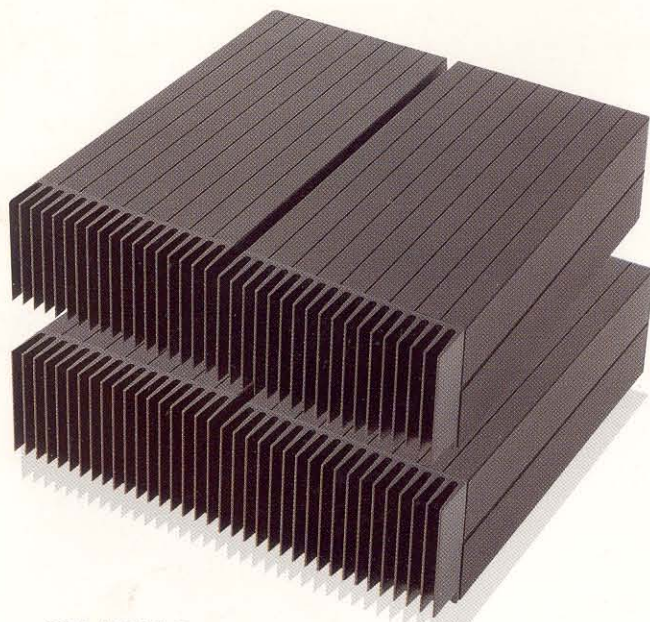
Meridian 204 FM Stereo Tuner-Timer

The Meridian 204 tuner combines sonic excellence with unrivalled operational convenience and versatility. The 204 has a pre-set facility for up to 18 stereo FM channels while electronic scan and manual step tuning will locate any available transmission from the increasing range of broadcasting stations. The 204's digital display provides extensive user information and an added bonus is the inclusion of a high quality clock/timer. When used with either a 208 CD player or a 201 Pre-amplifier all of the 204's functions are operable via Meridian's remote control unit.



Meridian 205 and 605 Mono Power Amplifiers

In any system the pre-amplifier provides the control – the power amplifier the energy. Meridian has developed the 205 and 605 mono power amplifiers to link 200 Series components with conventional loudspeakers. The 205 gives a full 100 watts whilst its more powerful brother, the 605 is rated at 150 watts. Both these mono amplifiers are driven in pairs and are housed in elegant black enclosures. They will operate with power in reserve for most domestic situations and with a wide range of loudspeakers. Meridian amplifiers are renowned for their ability to remain cool when other amplifiers run uncomfortably hot. The 205 has an operating principle of Class A, ensuring the lowest possible distortion, whereas the 605 employs Class AB for low quiescent current and very low distortion. Although they can be matched with any good quality pre-amplifier, the Meridian 205 and 605 power amplifiers are the ideal choice for the 208 CD player or the 201 pre-amplifier.

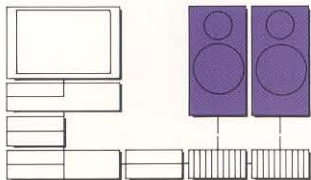


605 150W Power Amplifier



205 100W Power Amplifier

Meridian's Argent Series Loudspeakers



For years the name Meridian has, in audio circles, been synonymous with quality active loudspeakers. Now, with the Argent range of passive loudspeakers, Meridian is set to achieve



A 1 Loudspeaker

another enviable reputation in conventional speaker design and performance. The Argent range comprises three differing loudspeaker systems, each designed for a specific role, yet each sharing the same Meridian pedigree and therefore offering unparalleled sound quality. The bookshelf Argent 1, with its distinctive styling, is suitable for shelf, stand or subwoofer mounting, whilst the Argent 2, with its exceptional ability in terms of sound staging, will sit happily in any free

space location.

The Argent 2 can be supplied with a solid slate stand which provides the perfect platform for its dynamic performance. The slim, uncomplicated column that is the Argent 3 needs to be positioned carefully on the floor where its astonishing bass articulation can be fully realised. In both appearance and sonic prowess, the Meridian Argent loudspeakers have set new industry standards.

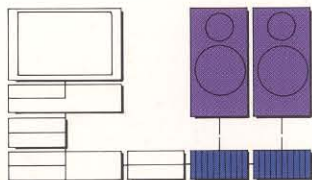


A 2 Loudspeaker

A 3 Loudspeaker



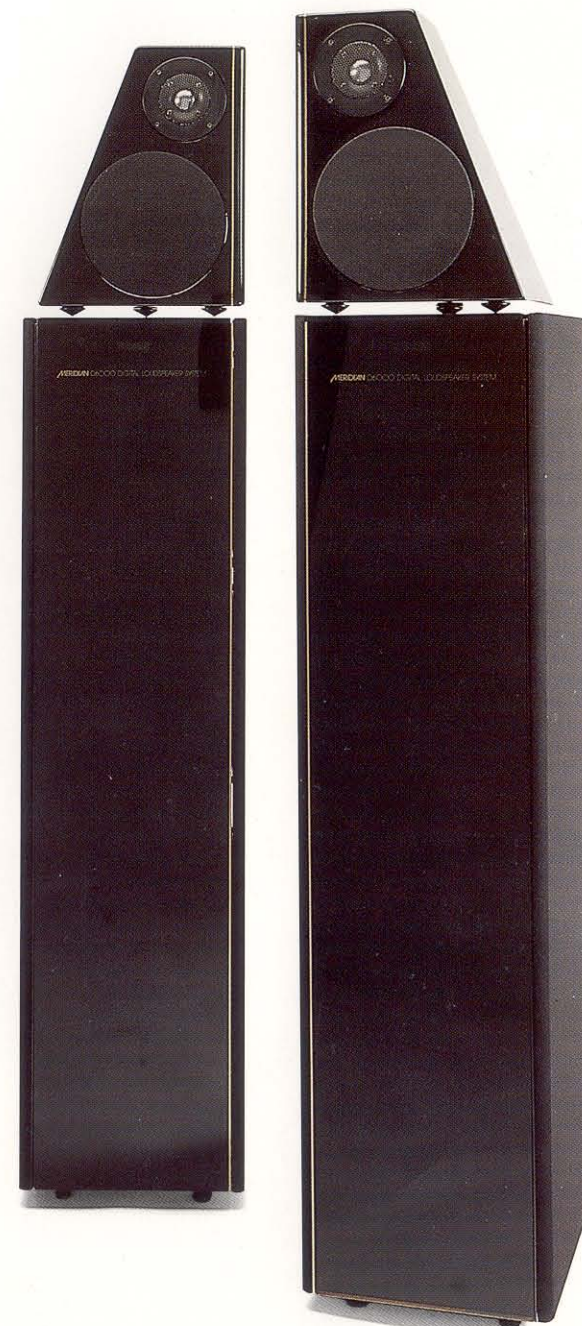
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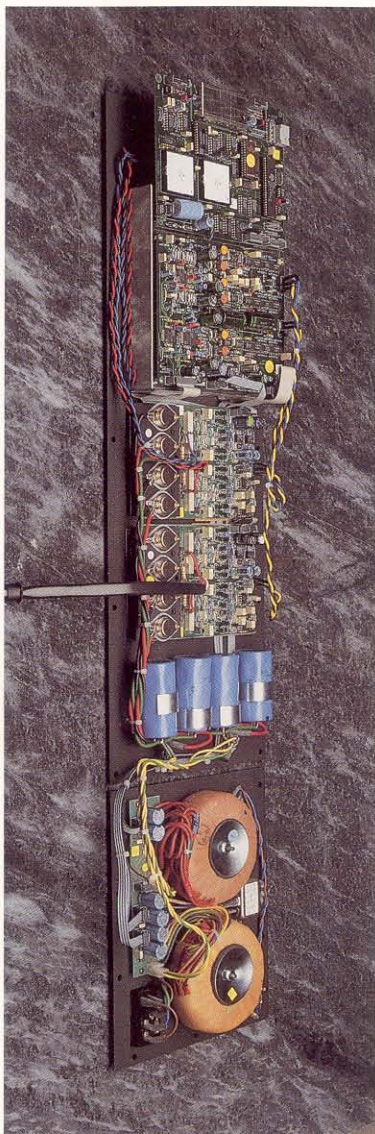


Meridian has long held the view that most active loudspeakers can not be rivalled by conventional speaker systems in addressing a number of both sonic and practical considerations. Put simply, active loudspeakers operate using built-in-amplifiers. More technically, the term active refers to loud-speaker systems which utilise electronic crossovers and dedicated power amplifiers which are housed within the speaker enclosure to drive each speaker unit directly instead of through lengths of cable. There is no need to worry about searching for a suitable amplifier for your hi-fi system – the perfect matching amp is already in the loudspeaker cabinet!

With a decade of experience in the design of active speakers and digital audio components behind us, we felt in a position to make a truly revolutionary step in the progress of loudspeaker conception. The quest for an all-digital reproduction chain has led to the introduction of Meridian Digital Active Loudspeakers, products which reach previously unattainable levels of sound, performance and user convenience. Digital active loudspeakers accept the digital signal at the latest possible stage. The signal is converted after error correction within the speaker itself – the listener will then experience the maximum performance obtainable from digital sources.

- D6000 is a true three-way acoustic system constructed as a separate mid-top 'head' which stands on top of an elegant bass cabinet.
- Separation of bass and mid-top enclosures gives exceptionally low coloration and small-speaker directivity combined with all the benefits that can be had from an acoustically large system.
- A display on the front of the bass enclosure shows selected source and volume number.
- D6000 also incorporates six *Bitstream* D/A converters of the latest type operated in the proprietary *Meridian* true-differential configuration.
- Tweeter is the new *Boothroyd Stuart* aluminium dome tweeter. This tweeter features silver wire voice-coil for exceptional clarity and HF smoothness; optimised short-horn termination for the dome; ferrofluid damping and cooling.
- Bass system is critically equalised sealed enclosure system using four 8" large-magnet woofers per speaker.
- D6000 has four 75W power amplifiers on board. Each is fully complementary and discrete DC coupled with critical servo control. The amplifiers are used for the top, mid and two for the bass system.
- D6000 accepts only digital inputs, and performs extensive on-board digital signal processing in its DSP section.



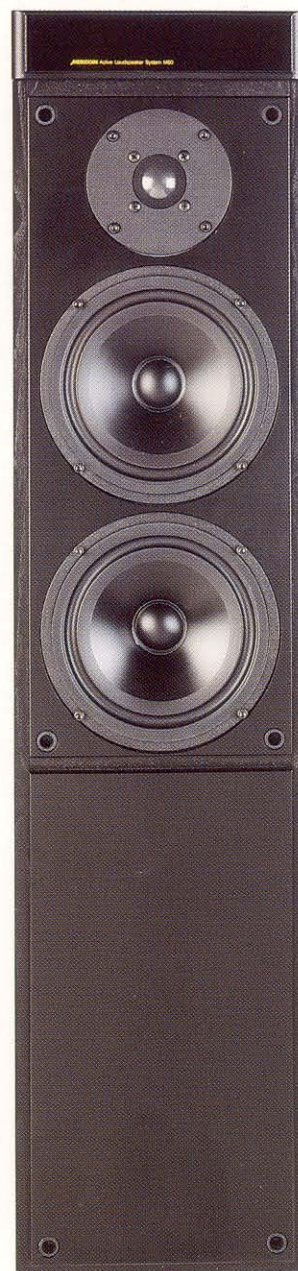


The D600, a smaller relation to the D6000, has been designed to supply all the user benefits of its larger relation but in a cabinet designed to fit neatly into most living areas. It now features the latest Bitstream DAC circuits to provide the highest quality performance achievable in a compact loudspeaker. The D600 is fully compatible with multiroom products and comes with its own handset. This product truly achieves a combination of performance and user convenience unparalleled by any other loudspeaker. All inputs, including even preselected FM stations or disc tracks, can be accessed via the handset without moving from the listening position. It can be connected to any of the Meridian source components which are directly controlled by the digital communications instructions from the loudspeaker. The D600 incorporates its own Pre-amp and volume control.



Active Loudspeaker

- 12 The Meridian M Series are considered to be amongst the finest active loudspeaker systems available and the styling incorporated within the speaker design makes for a pleasing room setting in any home. All current Meridian active speaker technology has been utilised to ensure that both M Series models are unrivalled in their price parameters. Both M Series loudspeakers can be directly partnered with the Meridian 208 CD/Pre-amplifier.



M Series loudspeakers bring all the acoustic advantages of the Active Loudspeaker concept but do not include the digital communications features of the D600 and D6000 or the direct digital inputs from a CD Player or other digital source.

Meridian M30

Shelf or stand mounting Active Loudspeaker

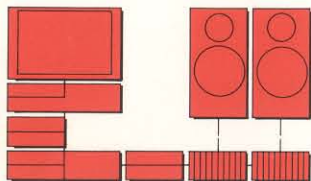
Meridian M60

A version of the D600 without the digital communications features – but identical in acoustic quality and output.



Extending Your System: The Meridian Multi-Room Concept

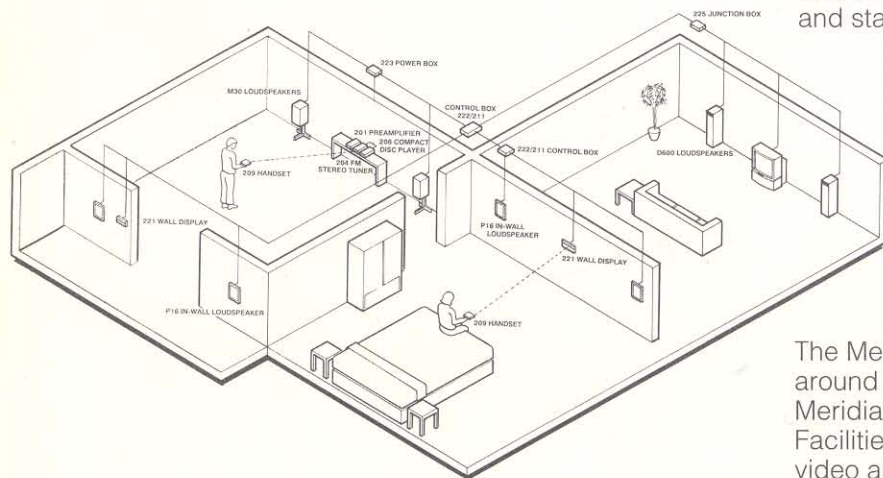
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The fully-automated, centrally-controlled, electronic 'House of the Future' is a concept which has been around for over 50 years. Each decade brings us a little closer to that ideal home environment where all the features of both practical appliances and entertainment systems can be configured to fulfil their roles with the

utmost ease and convenience. Sophisticated modern computers have helped designers and engineers grow closer to this state of completeness. In recent years, activity in this field has focused on home entertainment, spurred on, no doubt, by the introduction of convenience consumer electronics products such as CD and VHS. The idea of having a multi-room system controlled by a central control unit, with the ability to control any part of the system via a remote control handset and a wall sensor is highly appealing. In the past, this type of set-up has often been compromised by poor quality sound systems, accepted by the consumer in the mistaken belief that in order to achieve this 'space-age' convenience one cannot expect audiophile quality. Meridian knows this to be nonsense!

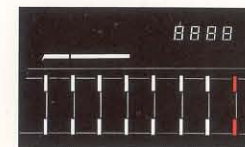
We have generated a number of new ideas to produce a multi-room system which is much more than just remote controlled hi-fi. Meridian offers true audiophile sound quality and harmonious styling together with unique facilities such as remote room displays. These give visual indication in a remote room of precisely what is going on in the system from the selected source and volume to CD track number, tuner frequency and station.



The Meridian Multi-Room Concept is based around the use of a 201 Control unit with a Meridian CD player and the Meridian 204 tuner. Facilities are available to incorporate tape-decks, video and record-playing equipment. Please do not hesitate to contact your Meridian specialist retailer for his assistance in the selection and installation of the Meridian Multi-Room Concept. The following details describe a representative selection of products available.

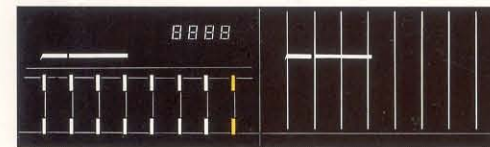
Meridian 201 Multi-room Control Unit

This unit provides the brains to run the Multi-room system. It controls the network of junction boxes, one in each listening zone. With the 201, any two of the available six sources can be listened to at the same time, plus a local source within a room.



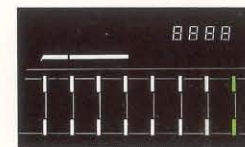
Meridian Compact Disc Players 206 and 208

The Meridian 200 Series CD players offer the very best of performance in a choice of formats. Remember, the 208 incorporates a pre-amplifier for ease of use within a multi-room system.



Meridian FM Stereo Tuner 204

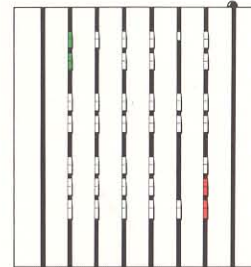
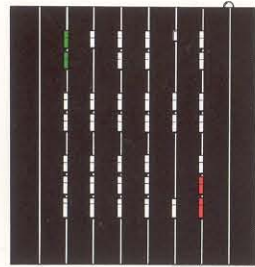
Designed as part of the Multi-room system, the 204 features 18 pre-set stations with a clock-timer function which can activate the whole system.





Meridian 209 and 609 Handsets

These are both comprehensive and distinctive remote control units with which you can easily control most functions of the system from your armchair. The 609 is supplied as part of the Meridian D600 and D6000 loudspeakers.



Meridian 213 Sensor with Display

This unit packs all the features of the 212 plus an 8 digit display so that you can see what's going on.



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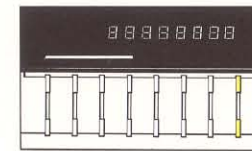
Meridian 212 Sensor

The 212's function is to receive a signal from the remote control handset and transmit the information back to the network. It can be discreetly wall mounted or will sit on a shelf.



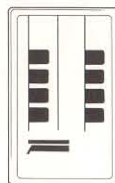
Meridian 221 Wall Control/Display Panel

Complete control and display of the system in one neat panel. Like the 212 and 213 it will also accept commands from the remote handsets.



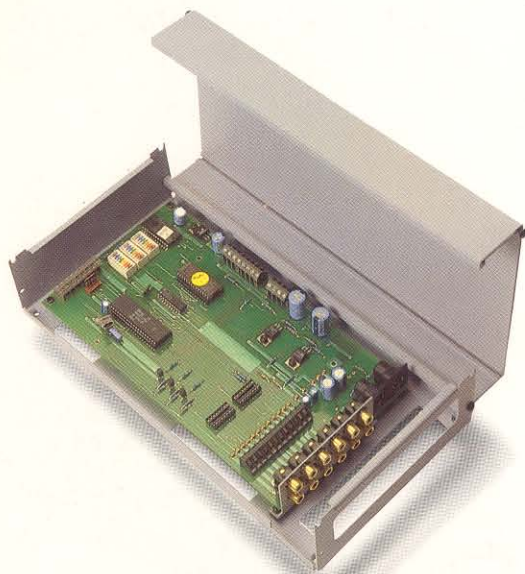
Meridian 220 Wall Plate Switch

Designed to match the standard US or UK light switch panel, this water resistant membrane panel neatly switches between sources, controls the volume level, and can change a CD track or radio station.



Meridian 222 Control Box

This neat control box extends the programme capabilities of the 201 to zones outside of the main listening area. Unlike a conventional extension system, which may only offer volume control, the microprocessor-equipped 222 acts as a remote portion of the 201, providing the zone with access to 'System 2' operation status as well as remote volume control. Used in conjunction with the power amplifiers or Meridian active loudspeakers, it can be connected to either a wall panel or remote control sensor and handset to receive its commands.



Meridian 223 Power Box

The 223 power box is used in each zone, employing a 222 control box. This unit provides power to the network and will run up to 10 rooms.

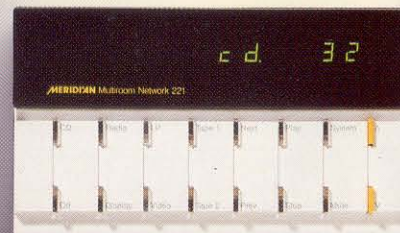
Meridian 232 Translator

This product allows a source manufactured by another company to be controlled by the Meridian Multiroom Handset. A range of leading Video and Audio products can be controlled – in this way only one handset is required, the Meridian 209 or 609.

Meridian P16 In-Wall Loudspeaker

This is a trim, easy to install, full range speaker system for flush in-wall mounting, incorporating one coincidental source 2-way drive unit. Ideal for a space-saving minimalist multi-room setting.

(See specifications for other products)



Technical Specification

Product	Description	Miscellaneous specification	Input	Control	Output	Consumption	Construction	Size
Modules								
151.50 210	2-System for 201	All inputs of 201 and volume separate output		n/a	775mV, 2V max	<100mW	PCB	130 x 40 x 140
140.40 211	Volume kit for 222							
135.50 214	Buffer Module for 223	Audio and data buffer/booster for 223		n/a	OdBm bal/un	<100mW	PCB	100 x 30 x 60
215	Phono Module for 201 or 208	Switchable Moving Coil or Moving magnet		Moving Coil Moving Magnet	150mV 6V max.	<100mW	PCB	55 x 30 x 100
Remote controls								
110.00 209	System Handset	Total of 31 keys include Preset and Track		As 201 + 208, numbers	IR RC5	6V PP3 6 months	Magnesium alloy diecasting	160 x 32 x 160
87.50 212	Remote sensor	Receiver and repeater for RC5 commands		n/a	200-comms	20mW	Moulded case, glass front	160 x 36 x 40
130.00 213	Remote sensor	212 with display added		n/a	for 222	up to 1W	Moulded case, glass front	160 x 36 x 40
110.50 220	Wall switch	Low-profile splash-proof input for multiroom		CD, Radio, Tape, Video Volume, Off, Play	200-comms	20mW	Plastic moulded case	80 x 15 x 80
179.50 221	Smart wall panel	Display can show status of 3 systems, 1+2+local including source, volume, standby, pause, track frequency, preset number, set-up data		CD, Radio, LP, Tape 1+2 Video, Disp, Off, Volume Play, Stop, Next, Prev, Mute	for 222 IR out	20mW standby Up to 2W	Diecast case and front Glass window	160 x 35 x 100
Junctions								
258.50 222	Control Box	Non-volatile memory. Maintains status of 3 systems. User definable, 'smart' operation	Sys 1+2+L, FM/TV Com 1+2+L, Dig.	From 212, 213, 220 Setup, Reset	775mV, 2V max	2W	Extruded aluminium case Steel chassis	160 x 56 x 310
240.00 223	Power box	Power outputs + 10V @ 2A, ±20V @ 0.5A	As 222	Power On/Off	775mV, 5V max	30VA max	As 222	160 x 70 x 310
18.39 224	Star Junction	For cable management in multiroom installations	n/a	n/a	n/a	n/a	Plastic moulded case	100 x 50 x 100
181.40 225	Junction Box	In-room connection box without electronics	As 222	None	1:1	200mW	As 222	160 x 56 x 310
335.00 226	Stereo Power Amplifier	Stereo wall-mounting amplifier for multiroom	balanced	Power On/Off	2 x 30W rms into 4Ω	10-120VA	As 222	160 x 70 x 310
285.00 232	Translator	Permits control of OEM products in Multiroom	n/a	None	Wire: Infrared	2W	As 222	160 x 56 x 310
P16	Passive wall-mount speaker	Coincident-source two-way speaker system. Square or round bezel	n/a	88dB; 1W @ 1m	104dB max spl		Moulded ABS bezel, cast aluminium chassis. White. Can be customised.	200 x 200 x 90

Notes: Connectors: P = Phono; D# = DIN# pins; HPJ = 1.25" stereo headphone jack; PAL = 75 ohm unbalanced coax antenna connector; first number is quantity fitted; Screw = terminal connectors.
Distortion: Except 204 all products <0.1% at all times and conditions; number listed is test limit under rated condition; typical performance is better. Noise in loudspeakers all <20dB spl @ 1m.
Abbreviations: n/a = not applicable; bal = balanced signal; un = unbalanced signal; + = and; / = or; IR = infrared; Sense = Music-sense; Disp = display; Dig = digital; An = analogue; Com = communications.
Units: All voltages rms ac unless specified otherwise. Dimensions Width x Height x Length, mm.

Technical specification

Product	Description	Controls	Input	Remote	Sensitivity	Output	Distortion	Noise	Display	Connectors	Consumption
200	Compact Disc Transport	As 206	n/a	All	n/a	Dig. Cable Dig. Optical	n/a	n/a	Track, Index, Phase Time, TOC, Repeat	1P 1 EIAJ opt	20VA
203	D/A Converter	n/a	Digital audio cable or optical		1EC958 32-48 kHz	2V fixed audio	<0.004%	<90dB	Lock, EQ, Power	1P 1 EIAJ opt	<20VA
206	Compact Disc Player	Open, Play, Stop, Pause, », «, Next, Prev, Store, Repeat, Index, Display	n/a	All	n/a	Dig. cable 2V fixed, Dig. opt.	<0.004%	<90dB	Track, Index, Phase Time, TOC, Repeat	3P, ID5 1 EIAJ opt	20VA
208	Compact Disc Player and Preamplifier	Open, Play, Stop, Pause, Next, Prev, Store, Mute, Inputs, Display, Volume	CD, LP (option) Tape, Line	All	MM+MC as 215 150mV/10 k all others	2V fixed 775mV variable Dig. IEC 958	<0.004%	MM +MC as 215 -90dB fixed -85dB others	Track, Index, Phase, Time, Volume, Mute TOC, EQ, Err, Repeat	7P, 2 EIAJ opt 1D7, 1D5 1PJ	20VA
201	Control Unit Preamplifier	Inputs, Copy, Mute, System 1+2, Mode, Standby	CD, Radio, LP Tape 1+2 Video	All	MM+MC as 215 150mV/10 k all others	775mV @ 27R 2V max. 2V phones	0.02%	MM+MC as 215 -85dB others	System 1+2, Inputs Volume, Setup, Copy Tape-mute, Mute	3D7, 1D5 1HPJ 14P	20VA
204	FM Tuner Timer	18 Preset Stations, Mode, Mono, Timer Step, Scan, Set	87.5 - 108MHz FM 75 ohm Unbalanced	Preset via other 200 unit	1.5µV mono 23µV stereo 100µV ult.	775mV @ 47R 100% mod. @ 1 kHz	0.02% mono 0.4% stereo	-68dB ultimate	Stereo, Timer Freq. Preset No. S. Strength, Time	1PAL 1D7, 1D5 2P	20VA
205	Mono Power Amplifier	None	Unbalanced	No	775mV @ 11 kohm	100W in 8 ohm	0.04%	-90dB	Standby Music on	1P 2 x 4mm	10-200VA 5VA standby
605	Mono Power Amplifier	None	Unbalanced/ Balanced	No	775mV @ 22 kohm	150W in 8 ohm	0.1%	<-90dB	Power light	1P, 4 x 4mm 1 x Cannon	20-300VA
A1	Passive Loudspeaker	n/a	Biwire 100W	n/a	87dB; 1W @ 1m @ 1 kHz	2-way	1 tweeter 1 mid. bass	n/a	n/a	4 x 4mm	n/a
A2	Passive Loudspeaker	n/a	Biwire 100W	n/a	88dB; 1W @ 1m @ 1 kHz	2-way	1 tweeter 1 mid. bass	n/a	n/a	4 x 4mm	n/a
A3	Passive Loudspeaker	n/a	Triwire 100W	n/a	90dB; 1W @ 1m @ 1 kHz	3-way	1 tweeter, 1 mid 2 bass	n/a	n/a	6 x 4mm	n/a
M30	Active Loudspeaker	Sense, Ground, 9 x Response, Bookshelf	bal/un switchable	No	775mV @ 11 kohm	70W tweeter 70W bass/mid	0.03% 0.03%	-90dB -90dB	On/Sense	1P 2 Network	135VA max
M60	Active Loudspeaker	Ground, Earthed 9 x Response	bal/un	No	775mV @ 11 kohm	65W tweeter 65W mid 65W bass	0.02% 0.02% 0.02%	-90dB -90dB -85dB	On	2P	200VA max 20VA idle
D600	Digital Active Loudspeaker	Reset, Setup Remote adjust of balance Response, Dig/An, Volume	Sys 1+2 bal/un Dig 1+2 Com 1+2+L	Full	775mV Sys 1+2 1EC958, 32-48 kHz 200-Comms	65W tweeter 65W bass/mid 65W bass	0.02% 0.02% 0.02%	-90dB -90dB -90dB	On, Volume, Source, Track, Time, 4-digit display	8P 2D7	200VA max 10VA standby
D6000	DSP Loudspeaker	All system controls Digital 2 cable, 2 optical	Sys 1+2 Digital 2 cable, 2 optical Coms cable, optical		IEC958, 32, 44, 48 kHz 75W mid 600 Comms	75W tweeter 0.02% 150W bass	0.02% <10dB spl 0.02%	-96dB display	4 digit system 2D7	4P 6 opt. 20VA standby	300VA max

Notes: Connectors: P = Phono; D# = DIN # pins; HPJ = 1.25" stereo headphone jack; PAL = 75 ohm unbalanced coax antenna connector; first number is quantity fitted; Screw = terminal connectors.
 Distortion: Except 204 all products <0.1% at all times and conditions; number listed is test limit under rated condition; typical performance is better. Noise in loudspeakers all <20dB spl @ 1m.
 Abbreviations: n/a = not applicable; bal = balanced signal; un = unbalanced signal; + = and; / = or; IR = infrared; Sense = Music-sense; Disp = display; Dig. = digital; An = analogue; Com = communications.
 Units: All voltages rms ac unless specified otherwise. Dimensions Width x Height x Length, mm

Technical Specification

Product	Description	Miscellaneous specification	Features	Construction	Finish	Size	Weight
200	Compact Disc Transport	Digital output and CD player Transport	Two box isolation Single custom micro processor	Extruded Aluminium case Diecast CD support	Black texture paint Front panels ABS and glass	325 x 100 x 320	10 kg
203	D/A Converter	Differential Bitstream conversion	Wideband PLL decoding	Extruded Aluminium case Diecast CD support	Black texture paint Front panels ABS and glass	160 x 100 x 310	4.8 kg
206	Compact Disc Player	Differential Bitstream conversion 2 x 1 bit @ 256 x oversampling	CD circuits use passive filtering. Two box isolation Single custom microprocessor	Extruded Aluminium case Diecast CD support	Black texture paint Front panels ABS and glass	325 x 100 x 320	10 kg
208	Compact Disc player and Preamplifier	Differential Bitstream conversion 2 x 1 bit @ 256 x oversampling	Single custom microprocessor twin optical outputs. Separate master clock oscillator for low jitter	Extruded Aluminium case Diecast CD support	Black texture paint Front panels ABS and glass	325 x 100 x 320	10 kg
201	Control Unit Preamplifier	Relative input sensitivity by + 12dB Programmable mute level 0-64 Programmable startup and alarm conditions for System 1+2	Full tape control. Unique 64 step electronic volume using FETs. Fully controllable IR, coms	Extruded Aluminium case Internal steel chassis Full RFI shielding	Black texture paint Front panel ABS with glass window	160 x 100 x 310	4.8 kg
204	FM Tuner Timer	Selectivity 56dB. Capture radio 1.5dB. AM suppression 55dB, Separation 40dB typ @ 1 kHz Back-up battery for memory for 18 presets and 201 data	Programmable startup and display. Timer activates system incl. 208. Dig. signal Strength. User settable seek strength	Extruded Aluminium case Internal steel chassis Full RFI shielding	Black texture paint Front panel ABS with glass window	160 x 100 x 310	4.8 kg
205	Mono Power Amplifier	Thermal, DC and load protection by muting or crowbar and circuit breaker	Direct-coupled discrete complimentary Topology. Non-switching output stage	Extruded Aluminium case + heatsink. Steel chassis	Black texture paint	160 x 100 x 310	6 kg
605	Mono Power Amplifier	Thermal, DC and load protection by muting or crowbar and circuit breaker	Direct-coupled discrete. MOSFET Output devices. Class AB	Extruded Aluminium case + heatsink	Anodised Black	325 x 100 x 310	10 kg
A1	Passive Loudspeaker	Bookshelf speaker 2-way system	Aluminium dome tweeter Kevlar cone bass/ mid driver	26mm Finnish birch ply	Black glass piano lacquer	325 x 275 x 275	12.5 kg ea
A2	Passive Loudspeaker	Slate stands available 2 way system	Aluminium tweeter Kevlar bass/ mid driver	MDF Veneered cabinet	Black ash/Rosewood	85 x 210 x 300	13.1 kg ea
A3	Passive Loudspeaker	3 way system; floor standing	Aluminium tweeter, polypropylene Mid and bass drivers	MDF veneered cabinet	Black ash/Rosewood	160 x 210 x 300	27.6 kg ea
M30	Active Loudspeaker	160mm bass unit, 25mm Aluminium dome tweeter Range 40 Hz-20 kHz, 106dB spl max.	Double filter supply. Thermal protection. Critically damped servos. Option stand	Cabinet 18mm MDF, fine wood Veneers. Chassis aluminium	Rosewood, Walnut, Black ash	180 x 385 x 300	32 kg pr 10 kg stand
M60	Active Loudspeaker	2 x 160mm polypropylene bass, bass. mid. 25mm aluminium dome tweeter. Range 36 Hz-20 kHz, 110dB, spl max.	Two power supplies. Thermal protection Critically damped servos. On light	Cabinet 18mm plywood, fine wood veneer finish. Chassis Aluminium	Rosewood, Walnut, Black ash	210 x 900 x 295	31 kg ea
D600	Digital Active Loudspeaker	2 x 160mm polypropylene bass, bass/mid. 25mm aluminium dome tweeter. Range 36 Hz-20 kHz, 110dB, spl max.	Digital filter, error correction, display of CD sub-code, Bitstream Passive DAC filter	Cabinet 18mm plywood, fine wood veneer finish. Chassis Aluminium	Rosewood Walnut, Black ash Glass display window	210 x 900 x 295	32 kg ea
D6000	DSP Loudspeaker	4 x 200mm bass unit; Aluminium tweeter; 160mm mid range polypropylene. 117dB spl max.	2 DSP unit, full digital crossover 3 Bitstream D/A converters, mid, top, bass	Top cabinet 26mm plywood Bass 25mm MDF	Black gloss piano lacquer, Black glass	1330 x 275 x 425	74.5 kg ea

Notes: Due to a policy of continual development, all specifications are subject to change without notice.
All reasonable efforts have been made to ensure that the specifications on these two pages are accurate. However Boothroyd Stuart Ltd. and their agents are not liable for any errors or omissions.
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