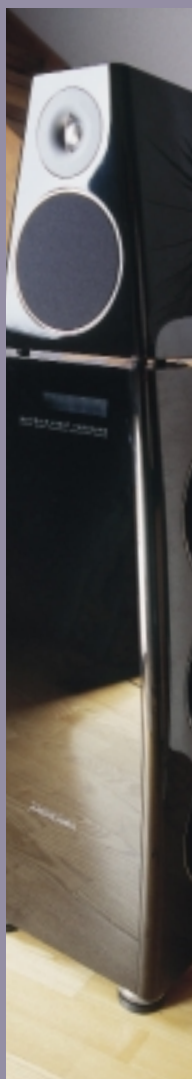


HIGHER FIDELITY



BOOTHROYD STUART
MERIDIAN



Bob Stuart studied Psychoacoustics, Electronic Engineering and Management at Imperial College, London. A passion for music soon led him to specialise in audio design.



Allen Boothroyd trained as a mechanical engineer, going on to study industrial design at the Royal College of Art.

Boothroyd and Stuart met in Cambridge, discovered shared interests and philosophies in audio equipment design and founded Meridian in 1977.

Since then, their designs for Meridian Audio have gained much critical and industrial acclaim winning the coveted Design Council Award for Outstanding British Product an unprecedented three times in addition to the EISA European Product of the year award twice and many other international accolades.

Bob's passion for music has played a major part in his single-minded desire to ensure that the quality of original recording is archived for lossless retrieval. As a result, *Meridian Lossless Packing* or *MLP* technology was developed by the Meridian research team over the last four years.

In 1999 these efforts were rewarded by having MLP mandated by the world's leading audio experts as the new DVD-Audio standard – a significant achievement for any audio company.

DIGITAL: MUSIC TO THE EARS?

Digital technology is now widely regarded by industry experts as the best means to music in the home.

In simple terms, it's because music recorded by computer, as on CDs, can be played back with no change from the original, even over long distances, like Morse code over a telegraph line.

Why is this important? Traditional analogue systems behave much like the childhood game in which each player repeats a whispered message into the next player's ear, and so on down a chain.

Each analogue link – turntable, amplifier, cable, speaker – whispers an analogy of what it hears to the next, but something is always lost or added. What emerges at the end, while charming, may not resemble the original message.

A pure whisper.

By contrast, digital audio first encodes music as digits – ones and zeros – in patterns describing specific sound waves. This is the CD language of computers, which are very unlikely to mistake a one for a zero.

No matter how long the chain, at its end digital equipment listens only for patterns of those two digits, which it reassembles into music, ignoring all other whispered information as noise. Hence the crystal clarity of good digital sound: no detail lost, no noise added.

This technology should utterly reshape the nature of our best music systems, replacing a long chain of traditional equipment. Yet fundamental change has been glacially slow at the extreme high end of audio.

Why?



A MESSAGE
TO AUDIOPHILES
(AND THOSE WHO
LOVE THEM):



From day one, digital technology has troubled the high-end audio community. Early CDs clearly were primitive, yet trumpeted by their marketers as perfect. Purists reacted by closing ranks, refining proven analogue methods, condemning digital as musical heresy and often ignoring its real and rapid progress.

In extreme backlash, certain nostalgic purists even reverted to high-priced resurrections of vinyl-and-vacuum-tube designs a half-century old.

But serious audiophiles who now accept CDs as the preferred source are forced to choose among digital equipment conceived largely by engineers mired in an analogue tradition. The tendency is to treat digital as a virus to be contained, by converting it to analogue as early in the chain as possible.

This is quaint, but amounts to refining a 1950s tubed computer to run a modern virtual-reality program: certain to deliver the worst of both worlds.

Meridian suggests the time has come to face the music and recognise digital for what it is: a fast-evolving vindication of the highest audio doctrine.

Rich man's tone controls.

We're speaking of course of the so-called pure signal path. Paramount among audiophile truths is that music's electronic journey to our ears should be as short and unadorned as possible; this preserves the fragile nuances of live performance. This is why, for example, audiophiles have long rejected analogue tone controls, correctly

seeing them as electrical mazes where musical subtleties are lost or rearranged.

Yet the typical purist hi-fi is hardly pure. Rather, it's a confusion of components with varying reactive properties, tangled together through a rat's nest of electrically whimsical cables. Each piece lengthens the path and damages delicate harmonic, phase and other relationships that contour music. The amusing irony is, these boxes and cables are generally assembled for tone control: each piece chosen for how its voice changes the message.

Why not simply replace the whole corrupt chain with one transparent digital link, particularly if the music source is digital already? The answer is, audiophiles have grown fond of certain analogue distortions and the rituals to invoke them. But there is a better way.

The Meridian way.

HOT ROD OR HI-FI?

Did you buy your car engine from one manufacturer, your suspension and transmission from others?

Yet this is how high-priced hi-fis are typically assembled. Rarely is the system's total performance envelope known, or even knowable. Components are chosen piecemeal, often on the weight of irrelevant or anecdotal information, outside the context of how they will sound in the home system.

This is why audiophiles and high-end dealers can spend more time and money playing 'musical cables' than playing music. They struggle to force a chain of electrically independent designs to communicate and sing together in a seamless, systemic voice: this elusive Grail is known as 'musicality'.

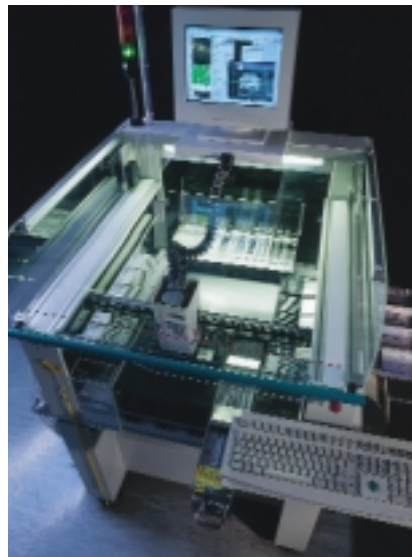
At best, these hi-fis are hot-rods: they do one thing well. This is why expensive systems often sound good playing only one kind of music.

Meridian believes a system should be judged on how well the entire package performs in the real world; this is why all our components clearly speak the same electric and acoustic language. They behave perfectly well with other manufacturers' gear, yet positively sing when in chorus with equipment of their own pedigree.

And lest you believe no manufacturer can excel in more than one field of componentry, consult *Stereophile* magazine's list of recommended components: Meridian is consistently represented in more major categories than any other single manufacturer. Clearly, our years of focusing on the total system have schooled us well in all major aspects of design.

Meridian uses the latest assembly technology at our manufacturing plant in Huntingdon.

This surface-mounting robot ensures precise and consistent component placement.



A Meridian Starter System:

506 CD PLAYER AND 551 INTEGRATED AMPLIFIER





BUILDING A SIMPLE MERIDIAN SYSTEM.

Meridian's hallmark pursuit of system audio far predates the digital revolution. Hence our simplest hi-fi's today reflect our deep analogue tradition, refined over decades of experience.

The result: musically seamless systems, informed by ingenious circuitry and understated sophistication – testament to the integrity of a Meridian playback chain. These are classic engineering values we hold dear.

Adding the exceptional 551 to good passive loudspeakers provides an outstanding conventional 'starter' music system representing excellent value and performance.

To a 551, you can also add a 556 power amplifier; this allows bi-amping as the 551 powers the tweeters and controls the system while the 556 drives the bass. Or start with the separate 501 control unit and a 556, dedicating a second 556 later to bass. These steps can be taken without sacrificing previous purchases.

Graduate to a full surround system over time: add digital speakers (discussed herein) up front and keep your analogue equipment for the rear channels.

Other Voices, Other Rooms.

Take advantage of the two-room software that comes nested in the 551 (and in most 500 Series equipment) for your study or family room. With Meridian, you can enjoy your music source twice but pay for it only once.

This building-block design philosophy is very powerful, with upgrade ladders throughout our product line. See your Meridian dealer for details.

A Meridian Digital System:

DSP5000 LOUDSPEAKERS WITH BOTH 500 AND 800 SERIES ELECTRONICS





MERIDIAN DIGITAL SYSTEMS.

Analogue solutions go just so far in a digital world. For best music from a CD or DVD – now and in the future – only an all-digital playback system will do; it can uplift audio at home as profoundly as it has in the recording studio. An all-digital strategy finally unlocks musical realms only dreamt of in primitive days of vinyl records and two-channel stereo.

Uniquely, Meridian makes all-digital music systems. Indeed, if you have never experienced a full Meridian digital system, we invite you to suspend your assumptions about high-end audio – not only in terms of sound, but appearance, function and elegance.

Significantly, Meridian spearheads new digital encoding techniques as well. MLP lossless coding has been mandated by the world's leading audio experts as the standard for DVD-Audio.

What is a digital active loudspeaker?

A typical Meridian digital system is built around our acclaimed digital active loudspeakers. Simply, these are fully self-contained, powered speakers with all necessary equipment (except source) built-in. Compact, reliable and simple to use, Meridian digital speakers are orchestrated by hidden computers. This approach solves audio problems previously insurmountable, and sets new home performance standards without intruding on a gracious living environment.

We offer models ranging in scale from demure to dreadnought. All pack unexpected power for their size, and are engineered with attention to special materials for performance and appearance, such as extensive use of pure silver wire and hand-rubbed piano lacquer or hardwood finishes. All are fully remote-controlled and use DSP (digital signal processing) technology to perform engineering feats that will delight music lovers accustomed to the frustrating limitations of traditional audio equipment.

TIME TO 'UNLEARN' STEREO?

While for many technical reasons, a pair of Meridian digital speakers will outperform traditional equipment in familiar stereo mode, please consider this: one of the frustrating limitations of analogue audio has been the very shortcoming of two-channel music itself. We have, since mono, trained our ears to 'listen through' stereo's limitations. Now there is a better way.



Meridian Compact Theatre System Components:

M33 SPEAKERS, M1500 SUBWOOFER PLUS A SOURCE AND PROCESSOR



BUILD THE ULTIMATE SURROUND SOUND SYSTEM FOR MUSIC AND FILM

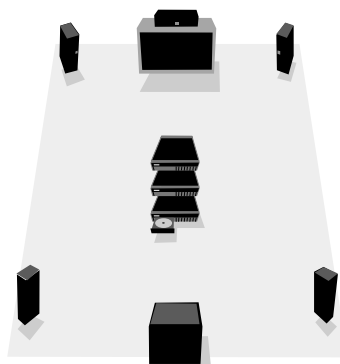
Music has shape. Performed live, its dimensions envelop us.

However, the best home stereos merely open windows to music; they fail to draw us in. Crude attempts to embrace the listener with surround sound have fallen short over the years; too much detail is lost in the circuitry. So music lovers have accepted sonic gimmickry for home cinema, and purist two-channel stereo for serious listening. This has required two systems, each leaving something to be desired. Until now.

Meridian's surround system is the world's only sound system to fully apply computers to the task of recreating music's true shape in the home.

Engineers have long known stereo recordings contain ambient phase information – three-dimensional phantoms of live music – lost in two-channel playback. But powerful computers in the Meridian system properly extract it for the first time.

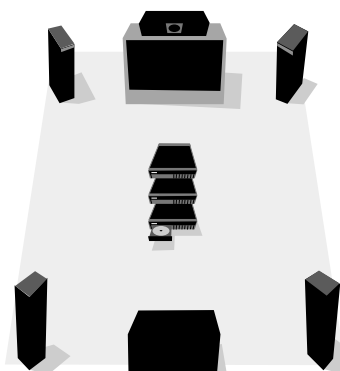
Finally, you can step through the stereo window into a world of three-dimensional music, the world of Meridian surround sound. A stunning stage of sound unfolds when you add one apparently simple little device to your system: a Meridian surround processor. First in the market, this product pioneered digital surround sound, being capable of delivering thunderous cinema effects with grand weight and authority, and three-dimensional music with delicate grace, clarity and scale.



Meridian have created a whole range of audio and video components from which you can assemble the finest surround sound system. Here are three examples:

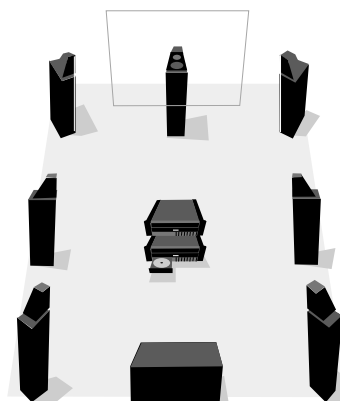
Meridian Compact Theatre

For the smaller space, five DSP33 compact digital active speakers, a D1500 digital subwoofer and the 568 surround processor.



Meridian Digital Theatre

For larger spaces where higher output is required, the DSP5500 or DSP5000 loudspeakers provide the answer. Teamed with the 568 and 562V.2 this system has all the control to enjoy the finest music and film from any source.



Meridian Ultimate Theatre

Up to seven channels plus subwoofers provide the ultimate Meridian Theatre experience. Our 800 Series Reference modular electronics system is used with DSP8000 or DSP6000 loudspeakers.

The 800 Series features slot-in cards to keep your system as near future-proof as is possible.

Meridian Digital Theatre System:

DSP5500/5000 SPEAKERS, D2500 SUBWOOFER, SOURCE AND PROCESSOR



MERIDIAN DIGITAL THEATRE.

Like all Meridian systems, digital surround can be assembled piecemeal over time. Traditional equipment can bloom through surround sound processors, with delightful results.

But for the ultimate audio experience, take Meridian surround sound as a seamless whole, with computerised Meridian digital speakers orchestrated by the 568 or the new 800 Series and controlled by wireless remote.

The beauty of a full-blown Meridian Digital Theatre is its seamless uniformity and power, combining the intelligence of our digital speakers and processor in a technical tour de force. By knowing precisely all elements in the music chain, the processor's computers work with those nested in Meridian speakers to extract maximum performance for your specific room.

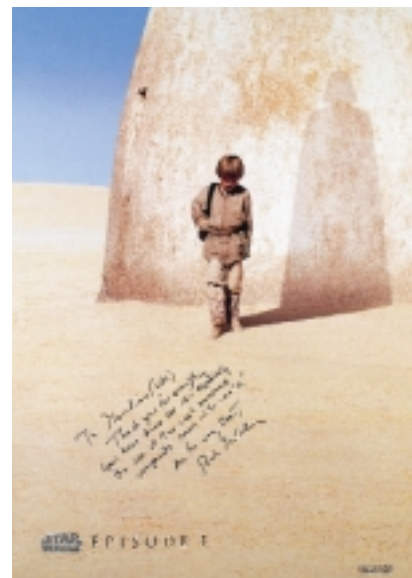
Technical superiority.

Projecting believable, 'holographic' sound into three-dimensional space is psychoacoustically delicate; the ear is convinced by engineering, not cheap trickery. Specifically, stereo and other spatial illusions rely largely on correct timing and phase. Electrostatic, point-source, dynamic analogue and hybrid loudspeaker systems all have audiophile followings for varying success addressing these difficult issues, but each suffers serious compromises which cannot be recovered even by a good processor.

Meridian digital loudspeakers – the first to operate deeply into the digital realm with proper crossover blending – control time and phase with unprecedented precision and thus project a stereo image unmatched by analogue equipment.

And in a surround system – with not just two but many speakers in a room – these time and phase benefits become far more crucial. Phasey analogue equipment simply cannot compete with the precision of fully orchestrated digital speakers.

Meridian digital speakers are active by design. This makes them far more dynamic, efficient and responsive; multi-amplified and optimised for demanding surround-sound systems. They are self-protecting, for years of trouble-free operation even with heavy home cinema use. See your dealer for full appreciation of these design parameters.



"Meridian, thank you for everything you have done for us – especially the use of the most awesome components made in the world!"

Rick McCallum – Lucasfilm,
Producer, *Star Wars – Episode 1*

Meridian Ultimate Theatre System:

DSP6000/8000 SPEAKERS, D2500 SUBWOOFER, SOURCE AND PROCESSOR



Musical flexibility.

Convenience is not the ultimate goal of an elegantly engineered system, but is its natural birthright. In the Meridian Digital Theatre we offer an audiophile system with transparent bass and treble controls, as well as absolute phase correction, digital tweeter tilt for different listening heights, and time compensation if you sit off-centre. Is room configuration a problem? Meridian Digital Theatre allows software corrections – leave the speaker where convenient and simply manipulate system controls to 'move the wall, not the speaker' for best sound.

SIMPLICITY IS NOT EASY.

Rarely, if ever, does a full Meridian Digital Theatre appear on the used market. This system usually marks the end of a long odyssey for the highly evolved audiophile, or the beginning of a long and charming relationship for the music and cinema arts lover who prefers muses to fuses.

We suggest you consider the elegance of a total Meridian system. Multiply the traditional stereo clutter by a factor of three for surround sound, and you have an aesthetic nightmare. Meridian simplifies the whole system to a sophisticated minimum.

However, simplicity is not easy. Meridian Digital Theatre is a very advanced system and its select dealers have been factory-trained to guide your choice and installation wisely. It is a credential not to be taken lightly. Call Meridian to find your closest qualified dealer.

“HOW DOES IT WORK? IT WORKS GREAT!”

A quote from a delighted Meridian customer speaks volumes about our approach. You needn't understand the wealth of technology built into your Meridian system in order to enjoy it.

The Meridian System Remote (MSR) distills the world's most-sophisticated audio equipment to a few intuitive controls, issuing virtually every conceivable command from your listening chair. It operates all Meridian equipment.

The Meridian Ultimate Theatre system features our reference electronics components – 861 processor and 800 CD/DVD source. 800 Series components are designed in the 19" rack format and can be so mounted as an option.

All connections and processing electronics are located on cards which are assembled for each customer. This thoughtful design provides complete flexibility guaranteed to keep pace with this fast moving world of changing formats.

A recent arrival to the ultimate theatre system is the Meridian DSP8000. This is our new reference DSP loudspeaker and features all the wizardry of our other DSP speakers in a cabinet of advanced construction with state-of-the-art amplifiers.



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, leading the way ever since. We emphasise good mechanical and digital engineering. In all our players, be they of our own drawer design or utilising a CD ROM mechanism, we attend to the mechanical issues affecting disc handling. For example, our non-magnetic disc-clamping mechanism includes a carbon and glass-fibre turntable to radically reduce vibration; this means the servo

correction circuit is not stressed, 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 has 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 CD Transport is ideal for use with Meridian digital speakers or with a digital surround processor. Combined with the 566 DAC, it's an exquisite CD playback system, the separate boxes providing the best electrical and mechanical separation possible.

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



566 Digital to Analogue Converter

The balanced 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 phase lock loops and re-clocking.

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 High Resolution CD Player

This highly acclaimed single-box CD 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.

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.

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

Noise and distortion: Less than -95dB.



506.24 CD Player

The 506.24 is a superb single-box CD player featuring 24-bit delta-sigma conversion for outstanding performance.

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.



Surround Sound Processors and Controllers

MERIDIAN 568 AND 561 SURROUND CONTROLLERS

Meridian is a world leader in superb-sounding Digital Signal Processing. Our pedigree goes back to the earliest days of digital audio and includes many 'firsts' like the first DSP Loudspeaker, first DSP Preamplifier and first fully DSP Surround Sound Processor. From its introduction in July 1994, the Meridian 565 DSP Surround Processor became widely recognised as the benchmark processor – voted Class 'A' by *Stereophile*.

Among a total of 25 awards, the 565 was voted 'Home Theatre Decoder of the Year' by *Home Entertainment* in both 1995 and 1996, and it received the prestigious EISA award for 'Home Theatre Decoder of the Year'.

The award winning DSP software has now been improved for use in two new DSP Surround Controllers: the 568 and 561, redefining the expectations for movie sound and creating a paradigm shift for music.

Designed to work with the Meridian 562V.2 Digital Control Unit this combination has outstanding ability to handle audio and video formats, and represents a major step forward in flexibility and performance.





This image (568 rear) with correct 568 image

568 Digital Surround Processor

The 568 incorporates many of the techniques and features that Meridian developed in the design of the 561 and the AAA-rated 861 surround processors. These include PC setup for ease of installation, digital buffering for outstanding audio quality and compatibility with new digital formats.

Left, Centre and Right analogue outputs are available in both unbalanced and balanced formats with all channels utilising 24-bit 96kHz technology.

Digital outputs, for Meridian DSP Loudspeakers, are enhanced with Meridian High Resolution (MHR) to enable secure digital transmission with the lowest possible jitter. Input jitter is virtually eliminated through the use of a buffer stage that breaks the link between input and output timing.

The 568 alone forms the heart of an outstanding music and film system. With the addition of the 562V.2 (see page 18) the system becomes a tour-de-force of home theatre power.

568 Specifications

Controls: Source, Store, Preset, Mute, Display, Volume, Off. **Audio inputs:** 2 analogue, 4 coax digital, 1 EIAJ optical. 32–96kHz. (More inputs with 562V.2). **Audio outputs:** 8 individually configurable digital and analogue channels (using on-board 24-bit converters) – LCR Balanced. **Processing:** Dolby AC-3, DTS, MPEG, Pro Logic, THX Cinema, Ambisonic, Trifield and Meridian Music modes. **Display:** Twelve-character alphanumeric and on screen graphic display for video via composite or S-Video.

General: RS232 for computer control.

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

561 Surround Controller

The 561 combines controller functions with those of a surround processor, bringing many of the features of a 568 + 562V.2 combination to one box. 561 provides extensive audio and video inputs and outputs, including an analogue tape loop and support for the Meridian 2-Room system. The 561 allows you to take control of your system: you can switch audio, video, adjust input level, create 16 User Presets with your own labels. It also features excellent on-screen display and extensive on-screen help for setup and calibration. The 561 uses the same powerful DSP processors and algorithms as the highly acclaimed 568.

561 Specifications

Audio inputs: 7 analogue adjustable, 1 digital optical, 5 digital coaxial IEC1937, IEC958.

Audio outputs: 6 analogue, 8 digital, 2 analogue tape with independent copy.

Video inputs: 4 Composite, 4 S-Video.

Video outputs: Composite and S-Video for both monitor and VCR. S to Composite conversion. On screen display. **Processing:** as 568. Second room capability.



MERIDIAN AUDIO/VIDEO SYSTEM WITH 568 AND 562V.2

568 Surround Processor with 562V.2 Control Unit

This is designed as a two box system with the 568 taking up the prime role as a surround sound processor and 562V.2 as audio and video switcher. Together, these products provide a powerful solution to the most demanding of home theatre needs for both music and film.

Taking much of its design from the award winning surround systems of 561 and 861 the 568/562V.2 combination is packed with technology and features.

This combination provides for up to twelve sources with connections for eight analogue, eleven digital, six composite and four S-Video inputs. When combined with the flexibility of PC setup, and additional features like control triggers, the 568/562V.2 system is a joy to use.

562V.2 Multimedia Controller

The Multimedia Controller 562V.2 is a powerful control unit equipped for video switching with independent tape loops for analogue or digital audio and for video. It is ideally suited to partner the 568 Surround Processor with which it forms a truly powerful home theatre control centre.

562V.2 Specifications

Controls: Source selection including CD, DVD, DAT, Radio, VCR, Video, Cable, Tape and LP; copy for independent control of the Tape outputs; Display, Mute, Volume and Off.

Audio inputs: Seven analogue 20k Ω , adjustable sensitivity 500mV to 2.5V rms. Five coax digital up to 96kHz.

Audio outputs: Two analogue tape outputs for recorders or VCRs. Two independent coax digital for digital speakers or recorders.

Optical connections: 2 EIAJ digital audio inputs. 1 EIAJ digital audio output duplicating the Tape signal.

Video connections: 6 Composite and 4 S-Video inputs. 1 Composite and 1 S-Video outputs for monitor. 2 Composite and 2 S-Video outputs for VCRs. S to Composite conversion. 2 trigger outputs.



Control:

MERIDIAN AUDIO CONTROL UNITS



502 Analogue Controller

Constructed in dual-mono to match the 557 power amp, the 502 receives balanced inputs and when used with 500 Series amps or M60 active loudspeakers completes a fully balanced analogue system.



501 Control Unit

The Meridian 501 Control Unit is a high-quality full-function analogue preamplifier for use with any traditional high-performance audio system, sharing many features of the 502.

502 Controls: Source selection including CD, DAT, Radio, VCR, Video, Cable, Tape and LP; Copy for independent control of the tape output, Display, Mute, Volume and Off.

Inputs: Four unbalanced inputs on phono: 100mV to 4V rms; Three balanced inputs on XLR: 27mV to 840mV. **Outputs:** Unbalanced main output on phono: adjustable up to 4V rms. Balanced main output on XLR: adjustable up to 8V rms. Balanced/unbalanced tape outputs. Balanced-mode volume control with 99 one-dB steps; User-adjustable sensitivity 12dB. Phono option with new MC or MM plug-in modules for each channel. Large low-field ultra-linear power supply.

501 Controls: as 502 **Audio inputs:** Six analogue 20k, with adjustable sensitivity 27mV to 150mV.

Audio outputs: Two main variable outputs for bi-amping; uses low-distortion electronic volume control with 99 one-dB steps. One tape output.

General: RS232 for computer control.

Distortion: less than 0.01%.

Signal/Noise: better than 100dB CCIR.

FM TUNER

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.

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 75Ω unbalanced, 87.5 through 108MHz. **Sensitivity:** 1.5μV 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.



Power:

MERIDIAN MULTICHANNEL POWER AMPLIFIER





Meridian's long advocacy of active loudspeakers has always been matched by its commitment to designing innovative amplifiers for use with passive speaker systems. In many respects the design challenges are greater because the amplifier designer cannot be certain what speaker impedances will be encountered. To ensure the widest possible compatibility, our smart, fast amplifiers relish difficult loads.

558 Multichannel Power Amplifier

Modern multichannel music and film systems have complex amplification requirements. Film soundtracks demand speed, power and wide dynamic range. High performance music systems also need these attributes, in addition to an ability to convey low-level detail and a convincing sense of space.

To meet these tough requirements the new 558 Multichannel Amplifier was meticulously designed utilising the latest technological advances in the Meridian tradition of uncompromised performance.

To deliver stable dynamics the 558 uses twin 1.2kVA toroidal mains transformers and no fewer than 50 pairs of hand-matched output devices. Its switchable bridged modes make it flexible and a precision topology brings nuance and delicacy to raw power.

The 558 can be configured for either five channel output at 200W per channel into 8 ohms, or for two channels at greater than 500W into 8 ohms plus a single channel at 200W. For seven-channel applications it is possible to run two 558s with the front three channels bridged.

Other features include: switchable balanced and single-ended inputs; four-way (biwireable) binding posts for all loudspeaker outputs; soft start and full thermal management; optical coupling of protection and control circuits to allow five-way mono construction; and standby control triggerable by 562V.2, 561 or 861. The 558 is also rack mountable for ease of installation.

Every detail has been attended to in the design of the 558, with the trademark care and dedication that have made Meridian a renowned leader in the audio industry.



558 Specifications:

Output Stereo or Bridged: 200W into 8 Ω ; 1000W into 4 Ω Bridged. XLR or phono input. Twin outputs for bi-wiring. Distortion <0.05%; signal-to-noise ratio -100dB. Fully protected against DC and thermal overload. Soft start using proprietary Meridian circuit.

Controls: Front-panel controls for Power On/Off; rear panel links for Bridge/Stereo Mode.

Dimensions: 199mm (7.84in) H, front panel 480 (18.9) W, chassis 441 (17.36) W, 466 (18.35) D.



Amplifiers:

MERIDIAN INTEGRATED AND STEREO AND MONO POWER AMPLIFIERS





557 Stereo Power Amplifier

Our dual-mono 200-watt 557 is a prime example of amplifier capability. Each over-specified output stage uses 8 high-power transistors; these combined with a massive low-noise 1.6kVA toroidal transformer let the 557 deliver currents over 30A cleanly into difficult loads below 2Ω . Internal bridging allows full balanced operation and more than 1000W into 4Ω . Balanced and unbalanced inputs as well as twin outputs for bi-wiring are provided.

557 Specifications: Output Stereo or Bridged: 200W into 8Ω ; 1000W into 4Ω Bridged. XLR or phono input. Twin outputs for bi-wiring. Distortion $<0.05\%$; signal-to-noise ratio $\sim 100\text{dB}$. Fully protected against DC and thermal overload. Soft start using proprietary Meridian circuit.

Controls: Rear-panel controls for Power On/Off; Bridge/Stereo Mode.

Dimensions: 174mm (6.85in) H, 385 (15.16) W, 306 (12.05) D.



556 Stereo Power Amplifier

The Meridian 556 houses two 100W amplifiers in a dual mono construction. The output stage uses 10 high-power transistors. The power delivery of this amplifier makes it ideal for driving difficult loudspeaker loads. A high-precision fast DC-precise input stage is combined with a fully complementary amplification and output stage giving exceptional transparency and depth.

556 Specifications: Output 100W per channel into 8Ω , distortion $<0.05\%$, signal-to-noise ratio $<-90\text{dB}$. Unbalanced Inputs on phono 1.77V rms. Fully protected against DC and thermal overload. Error corrected output stage. **Dimensions:** 88mm (3.46in) H, 385 (15.16) W, 306 (12.05) D.

505 Mono Power Amplifier

The Meridian 505 Mono Power Amplifier represents the finest expression of Meridian amplifier technology. Dedicating a complete power supply to each channel of the system ensures an uncompromised level of spatiality, dynamics and clarity.

505 Specifications: Output 160W into 8Ω , 260W into 4Ω , distortion $<0.05\%$, signal-to-noise ratio $<-90\text{dB}$. Inputs balanced on XLR sensitivity 2.66V rms; Unbalanced on phono sensitivity 1.27V rms. Fully protected against DC and thermal overload. Twin outputs for bi-wiring. 3 pairs of output devices per side. Error corrected output stage.

Dimensions: 88mm (3.46) H, 385 (15.16) W, 306 (12.05) D.

551 Integrated Amplifier

The 551 uses a dual-mono construction similar to the 557 but includes a high-quality preamp similar to the 501. A separate headphone amplifier allows you to enjoy music without disturbing others. The 551's multiroom software operates systems in two zones. High-quality MC or MM phono stages are available.

551 Specifications: Output 65W into 8Ω , distortion $<0.05\%$, signal-to-noise $<-90\text{dB}$. Preamp audio output 1.4V rms using low distortion volume control, 99 x 1dB steps. Audio inputs: 6 x $20\text{k}\Omega$, adjustable sensitivity.

Controls: Source selection, Copy for independent control of tape output, Speakers off, Display, Mute, Volume and Off. **Display:** 4 character alphanumeric.

Dimensions: 88mm (3.46) H, 321 (12.64) W, 320 (12.6) D.



Loudspeakers:

MERIDIAN DSP LOUDSPEAKERS



“Smart Art” is how one owner, an antiques dealer, describes Meridian DSP Loudspeakers. Their clean, classic lines blend into any decor, and belie the fact that these slim columns house the world’s most advanced loudspeaker systems. The DSP8000, our new reference model, is an unmatched technical tour de force comprising eight custom drivers, five power amplifiers, three digital crossovers, three D/A converters, and advanced distortion-cancelling computers – all within that elegant exterior.

The drivers are integrated using digital filters which, in addition to ensuring great precision, allow crossovers that are impossible to mimic using analogue circuits. The linear-phase midrange/treble crossovers used in all our DSP models, banish the phase distortion other speakers routinely introduce within the ear’s most sensitive frequency range.

The benefit is three-dimensional imaging, in stereo or surround modes, no conventional hi-fi system can match. Meridian DSP loudspeakers are breathtaking in their ability to bring believable music making into your room, with even subtle body movements of the musicians clearly audible, such as a singer swaying or an instrumentalist stepping up for a solo. Voice and instrument timbre are utterly natural. Highs are smooth and sweet. Music sounds balanced and articulate, with clarity and detail retained even at low volumes. And our DSP loudspeakers are easily muscular enough to reproduce an orchestra or rock band at realistic volume levels.

Our DSP loudspeakers also offer control features beyond the imaging of conventional loudspeaker manufacturers. All of which can be accessed via remote control, from your favoured listening position.

How do Meridian DSP Loudspeakers Work?

Conventional passive loudspeakers are technically sub-optimal in a number of important respects. Conventional power amplifiers, because they must be designed to drive a wide range of loudspeaker loads, are over-engineered for many circumstances in which they will be used. The combined result? Compromise, redundancy and lack of balance.

At Meridian we think differently – and have done since our very first active loudspeaker, the M1, was introduced in 1977. If a loudspeaker contains its own dedicated power amplifiers, low-level electronic crossovers and power supply, many advantages accrue. It's like building a car with engine and transmission rather than without! Benefits include deeper bass from a smaller cabinet, natural dynamics, perfect matching of the amplifiers to the drive units, greater versatility in crossover design and no ugly speaker cabling.

With the introduction of our first DSP (digital signal processing) model in 1991, the active loudspeaker concept was advanced still further. Keeping the signal in digital form until as late as possible in the signal path minimises noise and distortion. It also allows crossover filtering, correction and numerous other functions to be performed in the digital domain, offering unprecedented signal processing and control possibilities.

This picture of the back panel of the DSP6000 illustrates typical key components inside every Meridian DSP Loudspeaker. A dedicated high performance engine and transmission already fitted!



Powerful DSP computers (covers removed) provide wide-ranging signal conditioning and control options.

A digital crossover feeds the multiple digital to analogue converters, whose outputs in turn feed the integral power amplifiers.

Four 75W power amplifiers provide the massive 300W output capacity of each DSP6000. Direct connection to the drive units ensures ultimate diaphragm control.

Double power supplies with the highest quality components energise the power amplifiers and other circuits.



Loudspeakers:

MERIDIAN REFERENCE LOUDSPEAKER SYSTEM DSP8000

This beautiful system represents the fruits of more than 25 years continuous development of loudspeakers as musical instruments. The finest materials and state of the art design combine to create what we believe is the ultimate home loudspeaker. Every curve has a purpose, every dimension a meaning. Nothing can prepare you for the natural, tactile sound it makes.

A four-way DSP active loudspeaker, the DSP8000 can be used as a stereo pair or within a multichannel system of up to seven channels. It can be mixed with other Meridian DSP and Active loudspeakers to provide the optimal solution for any room and budget.

The head assembly, which contains the custom treble and midrange drivers, is a sealed enclosure fabricated from curved pressure-laminated panels – each using multiple layers of selected woods and metal to provide high stiffness and damping. The drive units are clamped with machined rings that combine a smooth acoustic surface with high rigidity. Supported on three machined feet atop the bass enclosure, the head is at the correct height for a seated listener, while its narrow, tapered shape offers optimum dispersion across a wide listening area.

Like the head, the bass cabinet is constructed from interlaminated panels with extensive bracing. Six long-throw, horizontally opposed drive units are clamped together to free the cabinet from vibration, even at full power. The front panel is 6mm glass and incorporates a window for the matrix display and infrared remote control sensor. The cabinet stands

on triangulated adjustable machined foot assemblies with provision for floor spikes or skids.

At the cabinet rear is the electronic heart of the system. Here five fast, low-feedback power amplifiers are mounted on a multi-finned extruded heatsink. The tweeter and mid each have a customised amplifier and three more power the bass system. Also mounted to this panel are the computer and DSP chips, which operate using powerful Meridian-developed software. All connections are made to the lower rear of the cabinet.

DSP8000 System Design: Four-way active loudspeaker. Crossovers at 80Hz, 200Hz and 2.6kHz. Four 24-bit D/A converters. Five 100W power amplifiers per speaker. All processing is performed upsampled in twin 100MHz digital signal processors (DSPs). DSP8000 uses Meridian's memory-based dejittering system for ultimate clarity.

Controls: System and speaker are operated with the included Meridian System Remote. Control features include source, bass and treble tilt, listening axis, volume, time-compensated balance and absolute phase.

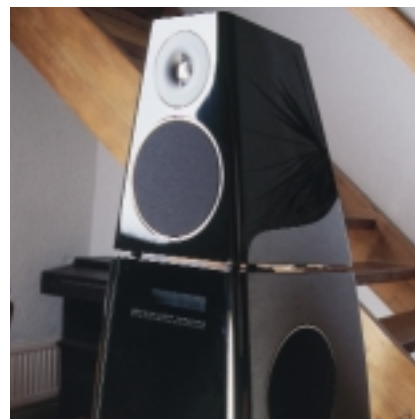
Inputs: Two coaxial digital audio, 32kHz to 192kHz at up to 24 bit. MHR support.

Response: 20Hz to 20kHz. Max. output 118dB spl.

Display: Eight-character dot matrix display behind front glass, can be blank.

Dimensions: 1350mm (53.2in) H, 400 (15.7) W, 528 (20.8) D.

Finish: Black gloss piano lacquer head unit and black piano lacquer and glass bass cabinet. Other colours special order.



Loudspeakers:

MERIDIAN DSP6000 AND 6000C



The DSP6000 is the only active digital loudspeaker in the world to be awarded the prestigious 'A' rating by Stereophile magazine, and in eight successive years.

Until the introduction of the remarkable DSP8000, the award-winning DSP6000 was our flagship loudspeaker product. Proven in audiophile systems worldwide and the subject of numerous rave press reviews, it remains a formidable transducer. Overall design and layout are similar to that of the DSP8000, the main differences being in bass cabinet construction and drive unit complement. The head assemblies are of handed construction, with a symmetrical version available for centre channel use (6000C). Of course, the DSP6000 has all the signal processing and control features of our other DSP loudspeakers and can be matched with them in a mixed system.



DSP6000 System Design: Three-way active loudspeaker. DSP crossovers at 200Hz and 2.6kHz. Three channels of delta-sigma D/A conversion. Four 75W power amplifiers per channel. All processing is performed in the 100MHz digital signal processor (DSPs).

Controls: System and speaker are operated with the included Meridian System Remote. The listener has complete control over the input source and features including bass and treble tilt, listening axis, volume, time-compensated balance and absolute phase.

Inputs: Two coaxial digital audio, 32kHz to 96kHz at up to 24 bit. MHR support.

Response: 20Hz to 20kHz. Max. output 114dB spl.

Display: Four-character display behind front glass, can be blank.

Dimensions: 1330mm (52.4in) H, 275 (10.8) W, 425 (16.7) D.

Finish: Black gloss piano lacquer head unit and black cloth and glass bass cabinet.



Loudspeakers:
MERIDIAN DSP5500





The DSP allows you to steer the image with the remote control – wherever you sit, you can bring the sound into sharp focus.



DSP5500 DIGITAL LOUDSPEAKER.

This model – ideal for home theatre – is a superb front-facing three-way speaker that can be built into system cabinets. Its software adjusts performance for location. Heavy steel shields the speaker from TVs and provides an extremely rigid enclosure, for clear midrange, startling dynamics and tight, visceral bass slam down to a true 30Hz. The 5500 employs exotic silver voice-coil tweeters and the latest digital-to-analogue conversion like its brothers. Four 75-watt built-in amplifiers per speaker operate in active mode, delivering far more dynamics than passive designs of the same power. Computers blend its woofers and tweeters for perfect phase and remarkable imaging. Like its brothers, the 5500 is remote-controlled and displays its functions on the front, showing either volume, music selection or blank. On-board computers offer full bass, treble, absolute phase and a variety of other system commands. The balance control not only changes the relative volume of the two speakers, but also delays the sound from the speaker closest to you, so that all sounds reach your ear at the same time. Similarly, you can steer the image up and down for optimum listening: standing, sitting, or reclining on the floor.

DSP5500HC.

The centre channel supplies dialogue in movies, and sharpens the musical stage. It can also add tremendous energy and should not be dismissed lightly when assembling a surround system.

The DSP5500HC, arguably the world's finest horizontal centre-channel speaker, is heavily shielded for use near the largest television screens. Using Digital Signal Processing (DSP), the computers adjust bass, treble, absolute phase and loudness while remaining sonically transparent.

The speaker is equipped to behave appropriately in five common acoustical positions: free-standing, wallbound, above and below TV, and behind screen. Computers also perform crossovers in the digital realm with unusually correct phase, which snaps voices and instruments into sharp relief.

DSP5500 System Design: *Three-way active loudspeaker. DSP crossover at 200Hz and 2.6kHz. Four channels of delta-sigma D/A conversion. Four 75W power amplifiers per channel. All signal processing is performed in the 100MHz digital signal processors.*

Controls: *System and speaker are operated with the included Meridian System Remote. The listener has control over the source and features including bass, tilt, listening axis, volume, balance and absolute phase.*

Inputs: *Two coax digital audio, 32kHz to 96kHz, up to 24 bit. MHR support.*

Response: *35Hz to 20kHz. Max. output 112dB spl.*

Display: *Four-character display.*

Drive units: *Two 200mm high-efficiency bass drivers, one 160mm polypropylene mid driver and one Meridian 25mm short-horn tweeter with aluminium dome and silver voice coil.*

Cabinet: *Veneered MDF braced, steel shielded and damped, in black ash or rosewood finish. Cables included.*

5500 Dimensions: *1100mm (43.3in) H, 285 (11.2) W, 415 (16.3) D.*

5500HC Dimensions: *1100mm (43.3in) W, 285 (11.2) H, 415 (16.3) D.*

Loudspeakers:
MERIDIAN DSP5000 AND 5000C





DSP5000 DIGITAL LOUDSPEAKER.

Like its big brothers, the DSP5000 is a digital active loudspeaker of great power and finesse. The difference is one of scale; in small rooms you may prefer the 5000. In fact, the 5000 contains software to make it easier to place in tight spaces; put it in the proper mode and it performs happily with its back against a wall, or free-standing well into the room.

The self-contained system combines in each cabinet a three-way speaker, three amplifiers, a digital preamplifier, two delta-sigma digital converters, digital crossovers and computers to give you full remote control over bass, treble tilt, time-correct balance, absolute phase, tweeter

axis and selection from any input, including a favourite radio station or CD track. As audio reviewers have noted, the DSP5000 is simply unchallenged by any speaker even remotely near its parameters. It is ideal as a stereo pair, or linked with others in a surround system.

The DSP5000C complements the DSP5000 by presenting the identical technology in a horizontal layout

DSP5000 and DSP5000C System Design:

Three-way active loudspeaker. DSP crossover at 2.6kHz. Two channels of delta-sigma D/A conversion. Three 75W power amplifiers per channel. All signal processing is performed in the 100MHz digital signal processor (DSP).

Controls: System and speaker are operated with the Meridian System Remote, included. The listener has control over the source and features including bass, treble tilt, listening axis, volume, time-compensated balance and absolute phase.

Inputs: Two coax digital audio, 32kHz to 96kHz, up to 24 bit. MHR support.

Response: 35Hz to 20kHz. Max. output 108dB spl.

Display: Four-character display.

Drive units: Two 160mm polypropylene high-efficiency long-throw custom drivers, one Meridian 25mm short-horn tweeter with aluminium dome and silver voice coil.

Cabinet: Veneered MDF braced and damped, in black ash, cherry or rosewood finish.

Cables included.

DSP5000 Dimensions: 900mm (35.43in) H, 210 (8.27) W, 297 (11.69) D.

DSP5000C Dimensions: 195mm (7.7in) H, 670 (26.38) W, 275 (10.83) D. Black ash only.



M60 AND M60C ACTIVE LOUDSPEAKER.

The M60 is Meridian's premier analogue active loudspeaker, marking the culmination of twenty years experience in the field. Essentially a DSP5000 without digital features, M60 is perfect for those who listen primarily to analogue sources.

It makes an excellent partner to the 501 control unit, from which its volume can be controlled remotely.

The M60 is a three-way design sharing the same tweeter as the DSP6000 and DSP5000. It has three 75W amplifiers and analogue crossovers. M60C is the matching centre channel version of M60.



Loudspeakers:

MERIDIAN DSP33 AND SUBWOOFERS D1500 AND D2500



SMALL REALLY IS BEAUTIFUL

MERIDIAN DSP33/DSP33C

The same attention to detail, precision construction and advanced electronics are presented in compact form in the DSP33 and DSP33C centre channel.

Housed in a cast and extruded aluminium enclosure for extreme rigidity and low colouration, this miniature loudspeaker fits the places our larger models cannot. Despite its size the DSP33 has most of the features of our larger models and remarkable bass performance. This can only be achieved by Meridian's unique combination of acoustic and electronic design. These include FIFO memory buffered input for the lowest possible jitter, a linear phase crossover, 48 bit resolution volume control, absolute phase control and phase corrected balance control.

The DSP33 can accept up to 96kHz/24 bit sources including Meridian High Resolution (MHR) streams from Meridian processors and DVD players. Each DSP33 contains an 85W bass and a 65W treble amplifier.

The DSP33 and its M33 cousin are designed to be easy to install. It can be paired with our D1500 subwoofer for further bass extension if necessary.

The back plate has inserts for Omnimount 75 Series brackets which can provide excellent placement in multichannel application.

DSP33 System design: Two-way active loudspeaker. Active crossover at 2.6kHz. 85W bass and 65W treble power amplifiers per channel.

Inputs: Two coax digital audio.

Response: 55Hz to 20kHz +/- 3dB

Display: Power light on back

Drive units: Two 127mm high-efficiency long-throw custom drivers, one Meridian 25mm tweeter with aluminium dome.

Cabinet: Extruded/cast aluminium cabinet finished in textured enamel or lacquered to special order.

Dimensions: 395mm (15.6 in) H, 150 (5.9) W, 233 (9.2) D.

Analogue versions of the DSP33 and DSP33C are available as M33 and M33C

REAL BASS IN REAL SPACE: D2500 AND D1500 SUBWOOFERS



Bass is the foundation to music, a key to enjoying full-range music and spectacular Hollywood soundtracks. Meridian subwoofers emphasise extreme bass depth, clarity, control, articulation, slam and attack. The D1500 and D2500 take digital inputs up to 96kHz and support MHR. The M1500 and M2500 have line-level balanced or unbalanced inputs.

D1500 System design: Single driver, acoustic-reflex active loudspeaker. One 100W high-efficiency power amplifier.

Maximum output: 107dB spl.

Response: 30Hz to 400Hz (Bypass).

Drive unit: 250mm long-throw magnesium basket with 2kg shielded magnet.

Cabinet: 22mm MDF braced and damped with 6mm annealed plate glass top.

Dimensions: 416mm (16.4in) H, W, D without supplied feet or castors.

D2500 System design: Acoustic-suspension active loudspeaker. One 200W high-efficiency power amplifier.

Controls: Input, sensitivity and crossover frequency selection.

Response: 20Hz to 160Hz.

Maximum output: 114dB spl.

Drive units: Two 250mm high-efficiency long-throw custom drivers.

Cabinet: Veneered MDF braced and damped, in black ash with 6mm glass top.

Dimensions: 788mm (31.1in) W, 416 (16.4) H, 440 (17.3) D without supplied feet or castors.

Analogue versions of both D2500 and D1500 are available as M2500 and M1500.



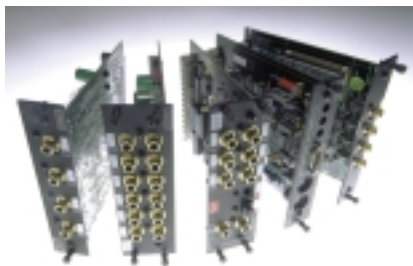
Reference System:

861 SURROUND CONTROLLER, 800 CD/DVD





800/861 system



A selection of 800 Series card modules

800 Reference Series Introduction

Rarely in the audio industry is there a paradigm shift in the way we do things. The 800 Series represents the most profound change since the invention of CD in terms of both audio quality and engineering.

In the world where all electronic equipment has an element of computing, the 800 Series is the first to forgo its tradition and take on the computer philosophy. Using a plug-in card construction and computer setup allows the 800 Series to take on the flexibility and user friendliness that the computer industry strives for. In addition, hard drive style memory allows upgrades simply by connecting a PC and downloading new information.

Not only have we created the most advanced product available today but with the flexibility of design it will be the most advanced tomorrow. Upgrades can take place in your own home rather than back at our factory, with the latest advances keeping you ahead of the rest.

The 800 Series also embodies the very latest developments in digital audio. Meridian, who are famous for their smooth-sounding digital-audio components, have made a major breakthrough with a radical memory-based de-jittering system. Both 800 and 861 carry a new proprietary DSP and RAM-based de-jittering sub-system that allows these products to be not only the most immune to input-signal quality – but also to be by far the sweetest and most open sounding that Meridian have built to date.

The 800 and 861 have received several important awards including Class A+ and AAA rating respectively from *Stereophile*.



Simplicity is not easy.

Beneath its apparent simplicity, Meridian is the most sophisticated home audio equipment available. As the only manufacturer to bring the full power of computers to home audio, we distil countless hours of thought into even our most basic component. When you press a Meridian remote command, the effect is powerful, yet all the work has been done for you. There is no need to understand the wealth of technical strength hidden in your hi-fi in order to enjoy it.

When you first hear music through Meridian, its clarity will startle you. We invite you to bring a favourite CD to your Meridian dealer, and join the many music lovers and audiophiles who tell us they have utterly rediscovered cherished pieces when hearing them for the first time on our equipment.

There is no greater, nor simpler, musical joy.

The whole Meridian product range at the same scale:

SOURCE



500 CD Transport

High precision CD Transport with Digital output



506.24 CD Player

High precision CD Player 24 bit Delta Sigma converter



508.24 CD Player

Ultra High precision CD Player, 24 bit Delta Sigma converter, Re-clocking



504 FM Tuner

Walsh function stereo decoder, addressable display

CONTROL



566 Digital to Analogue Decoder

Very high precision 24 bit Delta Sigma converter



501 Preamplifier

Analogue Preamplifier, 6 inputs, 2 variable outputs, RS232 connection



502 Balanced Preamplifier

Dual mono construction fully balanced preamplifier, RS232 connection



562V.2 Multimedia Controller

7 analogue, 5 coax digital audio inputs
6 composite, 2 S-video inputs, 2 analogue audio outputs, 2 comp, 2 S-video outputs

SURROUND



561 Surround Controller

Combination control unit and processor, second room capability, RS232 connection



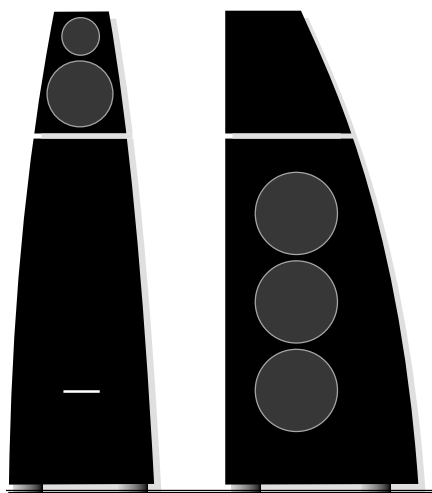
568 Surround Processor

24 bit 96kHz technology, many features of 861 reference processor

LOUDSPEAKERS

DSP8000

Six Bass drivers, Mid and HF driven by five dedicated amplifiers. Full DSP control and setup, laminated cabinet construction Black Lacquer finish



DSP6000

Four Bass drivers, Mid and HF driven by four dedicated amplifiers. Full DSP control and setup, Black Lacquer finish



DSP5500

Two Bass drivers, Mid and HF each driven by own amplifier. Full DSP control and setup, Steel laminated cabinet Black Ash or Rosewood finish



DSP5000

Two Bass/Mid drivers and HF each driven by its own amplifier. Full DSP control and setup, Black Ash, Rosewood or Cherry finish.

M60

Analogue version of DSP5000



AMPLIFIERS



558 Multichannel Power Amplifier

5 x 200W into 8Ω or 2 x 500W into 8Ω bridged and 1 x 200W into 8Ω



505 Monoblock Power Amplifier

160W into 8Ω, precision construction



556 Stereo Power Amplifier

100 + 100W into 8Ω, dual mono construction, biwire terminals



557 Stereo Power Amplifier

200W into 8Ω dual mono construction, 1000W into 4Ω bridged



551 Integrated Amplifier

70 + 70W into 8Ω dual mono construction, 6 inputs, remote

REFERENCE



800 Reference CD/DVD machine

Card upgradeable DVD ROM based ultimate quality source



861 Reference Surround Processor

Card upgradeable ultimate quality audio and video processor and controller

DSP33

Digital input Active 2 way shielded system in aluminium cabinet for use as front, centre or rear. Wall fixing inserts

M33

Analogue version of DSP33



Centre Channel Loudspeakers

Versions of our floorstanding and shelf mounting speakers optimised for use as centre channel and rear channels

DSP33C

Digital input, active 2 way centre channel

M33C

Active version of DSP33C



DSP5000C

Horizontal, shielded version of DSP5000

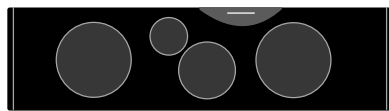
M60C

Analogue version of DSP5000C



DSP5500HC

Horizontal shielded version of DSP5500



Subwoofers

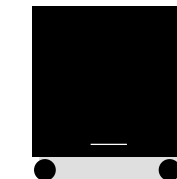
Where added bass is required Meridian supply two sizes of self powered subwoofer with either digital or analogue input

D1500

Self powered 10" front firing reflex subwoofer with digital input

M1500

Analogue version of D1500



D2500

Self powered 2 x 10" front firing reflex subwoofer with digital input

M2500

Analogue version of D2500



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Meridian Audio is a privately owned company, founded in 1977. Meridian products are designed and made at our factory in Huntingdon, England.

Meridian America Inc. is a wholly owned subsidiary of the Meridian Audio Group.

In order to remain at the forefront of technology we encourage a policy of continuous development in our products and services. As a result, we try to ensure that when improvements are made, where possible, our customers retain value in their purchase through upgrade options.

Our distributors and dealers are carefully trained to install and service our products.

Meridian Audio reserve the right to amend product specifications at any time.

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Design, Art Direction: Allen Boothroyd

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