

F80

BOOTHROYD STUART
MERIDIAN[®]



The idea.

In 1977, Robert Stuart and Allen Boothroyd founded Meridian Audio Limited with one goal: to design and manufacture uncompromised home entertainment systems offering the most exceptional performance.



1977. The journey begins.

The first active loudspeaker in the consumer market placed the amplifier and crossover inside the cabinet with the loudspeaker drivers. In the early 1980s, the 100 Series set new standards in home audio reproduction.



1983. Digital breakthrough.

Meridian saw the potential of digital audio from the beginning, and released the world's first audiophile-quality CD player in 1983.



1989. The D600.

The D600 was the world's first digital active loudspeaker



1994. First digital surround decoder.

The Meridian Digital Theatre was born with the combination of the 565 with Meridian's digital speakers.

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Our first factory was on the Greenwich Meridian – hence the name.



1997. The 800 Series.

The widely-acclaimed 800 Series set new standards for audio and video quality.



2003. The G Series.

The G Series has won awards the world over. It joins Meridian's extensive range of DSP loudspeakers and acclaimed Faroudja® digital projectors and video processors.



1998. The DSP8000.

Flagship performance... Meridian's DSP8000 is one of the few loudspeakers in the world capable of reproducing the full sound of a concert grand piano at its natural level.



Allen & Bob are the only team of designers to win the coveted British Design Award three times.

A winning partnership.

Meridian's headquarters is a modern factory in Huntingdon, near Cambridge, England. It was purpose-built for the manufacturing of the highest quality consumer audio and video products.



The Founders
Bob Stuart (left) and Allen Boothroyd

Anechoic chamber

Surface-mount inspection.



For 30 years Meridian Audio has designed and manufactured the world's most desirable home entertainment systems. If you care about quality and love music and movies, you'll know Meridian.

Ferrari S.p.A., founded in 1947, has developed an enviable reputation for producing high-performance and highly desirable GT cars, as well as fielding a record-breaking Formula One racing team.



In 2005, Meridian Audio began a collaboration with Ferrari to develop a range of products that would reflect the unique qualities of both companies.

Ferrari has a world-leading reputation in the field of materials and composites technology, whilst Meridian's expertise in digital audio innovation is second-to-none.

It is this partnership that has resulted in the Meridian F80: a compelling blend of intelligence, ingenuity and integrity.

The elements.

Meridian systems are unique – both in looks and in performance. Over the past 30 years, Meridian has developed unparalleled expertise in each of the areas central to creating outstanding audio and video products.



User interface

A clear, easy-to-read display is essential. Buttons have a clean, positive action and are labelled according to context, minimising the number of controls, yet enhancing the user interface.



DSP loudspeakers

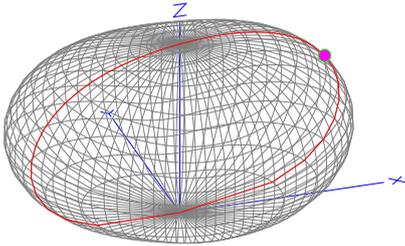
Meridian loudspeakers employ drivers specifically developed with the qualities required for our systems. The cabinets in which they are mounted are rigid and do not vibrate. Their qualities and tolerances are carefully controlled.

The DSP loudspeaker was a Meridian invention: many times more efficient than a conventional passive design, the DSP loudspeaker produces four times as much bass, yet requires far less powerful amplifiers.



CD/DVD drive

Meridian made the world's first audiophile CD player. For many years we have written our own software for our CD and DVD players, so that we retain precise control over the behaviour of the entire system.



Radio reception

Meridian chairman and co-founder Bob Stuart is a self-confessed antenna enthusiast. An expert in radio and especially antenna design, he has developed radio receivers to deliver quality reception and reproduction in almost any environment.



Design

Meridian has won as many awards for industrial design as for technical achievement, including three coveted British Design Awards. Where some seek to hide systems away, Meridian owners are often eager to have their components in full view – they look so good.



Materials

One of the most important areas of collaboration with Ferrari has been the development of specialised materials, where the company's expertise is unmatched.



The combination.

Meridian's F80 brings together all the expertise that Meridian has developed over the years, and distills it into a single, unique product. Virtually every feature takes a Meridian innovation and moves it another step forward.



User interface

The latest OLED technology gives the F80 a clear, easy-to-read display with a wide range of brightness. It can even adjust its brightness automatically to suit the environment.

Smooth-action, positive-feel buttons control the F80. In the central section, the buttons are labelled according to context.



CD/DVD drive

The drive is a robust, slot-loading design for maximum reliability and ease of use.



DSP loudspeakers

The F80 features a powerful, 80-watt speaker system. Drivers at the front handle left and right, while a rear-mounted subwoofer handles the bass. All drivers were made specially to Meridian specifications, and are each mounted in their own rigid, damped enclosure made of advanced materials.



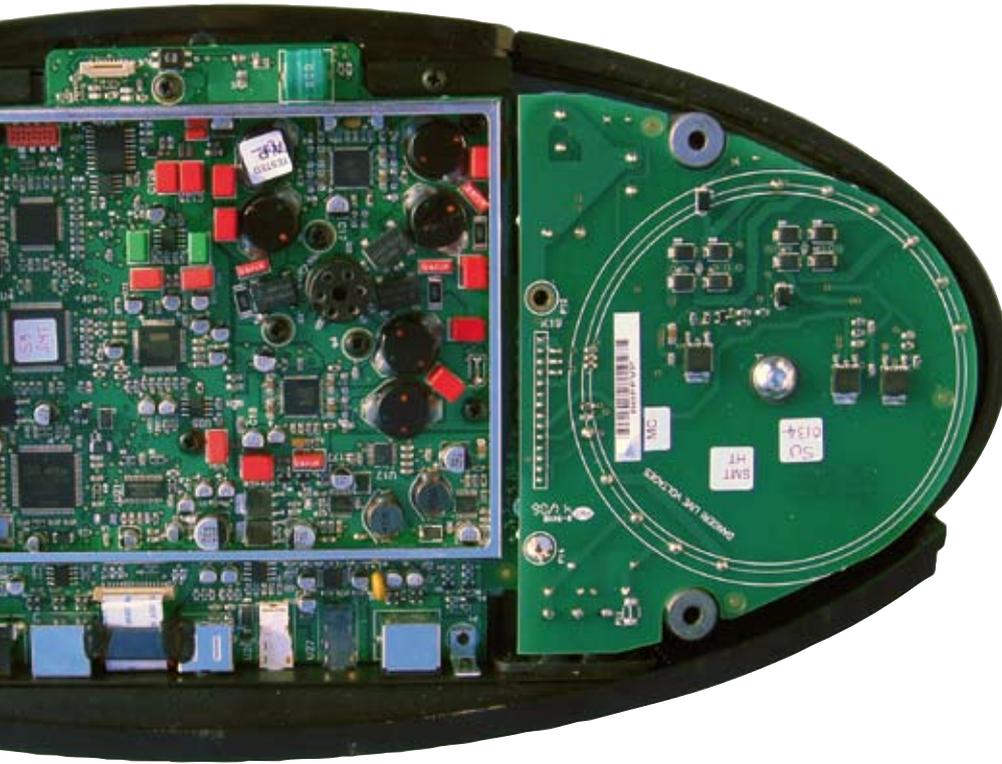
Materials

The mineral-filled composite that makes up the body of the F80 is similar to that used by Ferrari. It provides astonishing rigidity and high dimensional stability to maximise loudspeaker performance.

The result... the F80.



The engine.



Inside that smooth, sculptured cabinet is a powerful, 80 watt, 2.1 stereo system – vastly more powerful than a typical ‘table radio’ – with a subwoofer for truly impressive bass. But why and how does it sound so impressive?

At the core of the Meridian F80 is a high-integrity digital sound system, based on powerful digital signal processing (DSP) technology. This electronic heart is surrounded by a sturdy, well-damped cabinet in which each driver has its own compartment. Innovative low-resonance, high-mass composite materials – developed in conjunction with Ferrari – ensure that this cabinet offers excellent dynamic integrity. Whatever the volume level, it does not resonate or interfere with the sound quality.

Inside the loudspeaker enclosure, the left and right stereo drivers are special full-range designs – developed by Meridian and custom-made specifically for this new range of products – with powerful neodymium magnets, die-cast chassis, high-temperature voice-coils and carefully-designed cones fashioned from magnesium and aluminium alloy. The subwoofer is a special long-throw design with a unique extended voice-coil that maximises output and linearity.

The circuitry driving this unique system employs the highest quality, 'audiophile' components chosen specifically for their contribution to the overall sound quality.

The crossover – the system that feeds the left, right and bass loudspeakers with the correct sounds – is a special DSP design: a concept invented by Meridian. It sounds clear and full, at both high and low volume – whether the Meridian F80 is filling a room, or sitting right next to you.

With stereo widening and loudness controls, coupled with Meridian's powerful active techniques that deliver tight bass, it's easy to get a great sound at any volume level.

Active equalisation ensures that the F80 always sounds its best. Sound controls include an innovative 'tilt' function that increases bass while decreasing treble, or vice-versa, so the sound is always correctly balanced.

There are also built-in location compensation controls that adjust performance if the F80 has been placed, for example, in a corner or on a shelf, ensuring that the F80 sounds its best in any room position.



0–100 km/h in 3.70 seconds.



0–100 dB in no time at all.

Don't let the small size deceive you: the Meridian F80's sound is big – and immediately engaging. From the bedroom to the boardroom, in the kitchen or the conservatory, its unique digital active loudspeaker technology fills any room with clear, captivating sound.

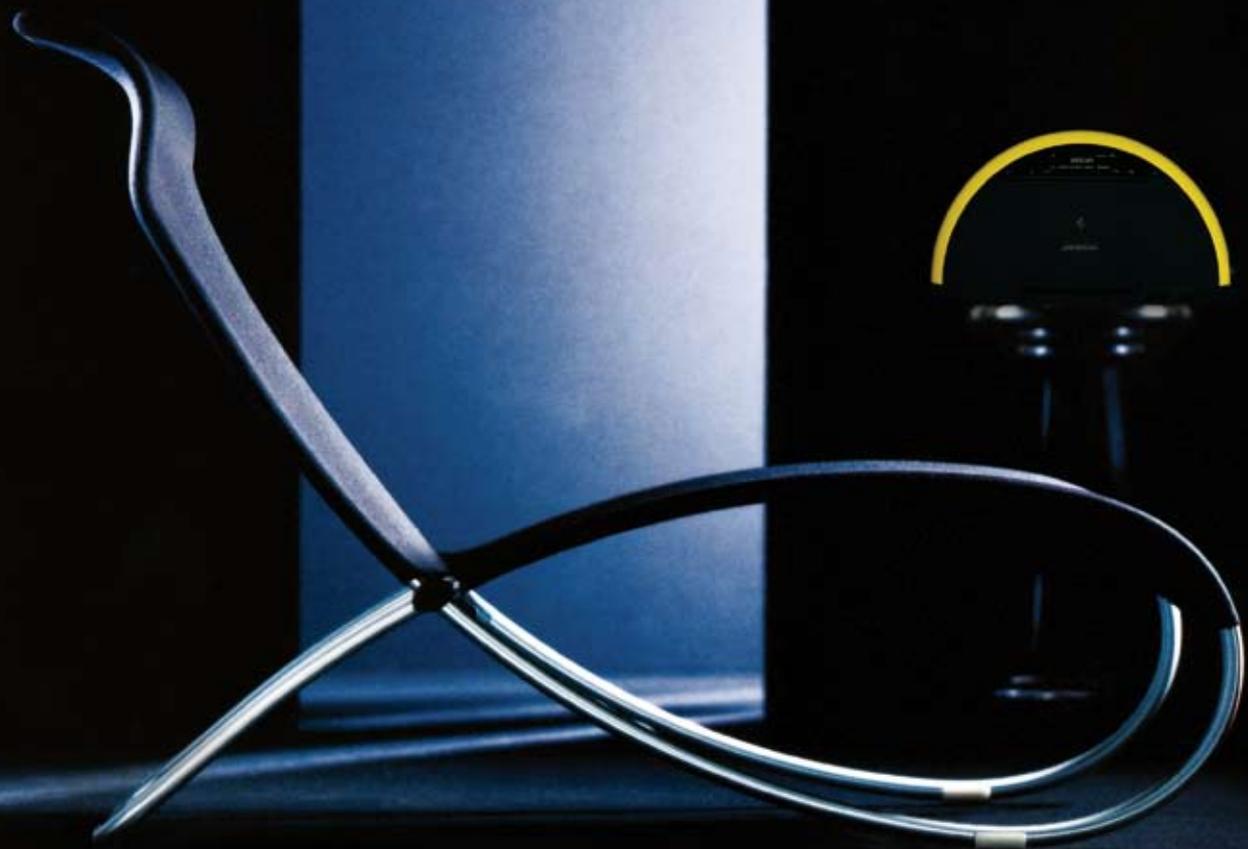
The F80 is a multi-talented performer; at home wherever you plug it in. With radio or tone alarm functions, it's the perfect bedside companion and can wake you in the morning with gentle chimes or a preset radio station. Equally, it can fill a large living room party with superb quality CD sound or, when connected to a TV or other display, play your DVDs.

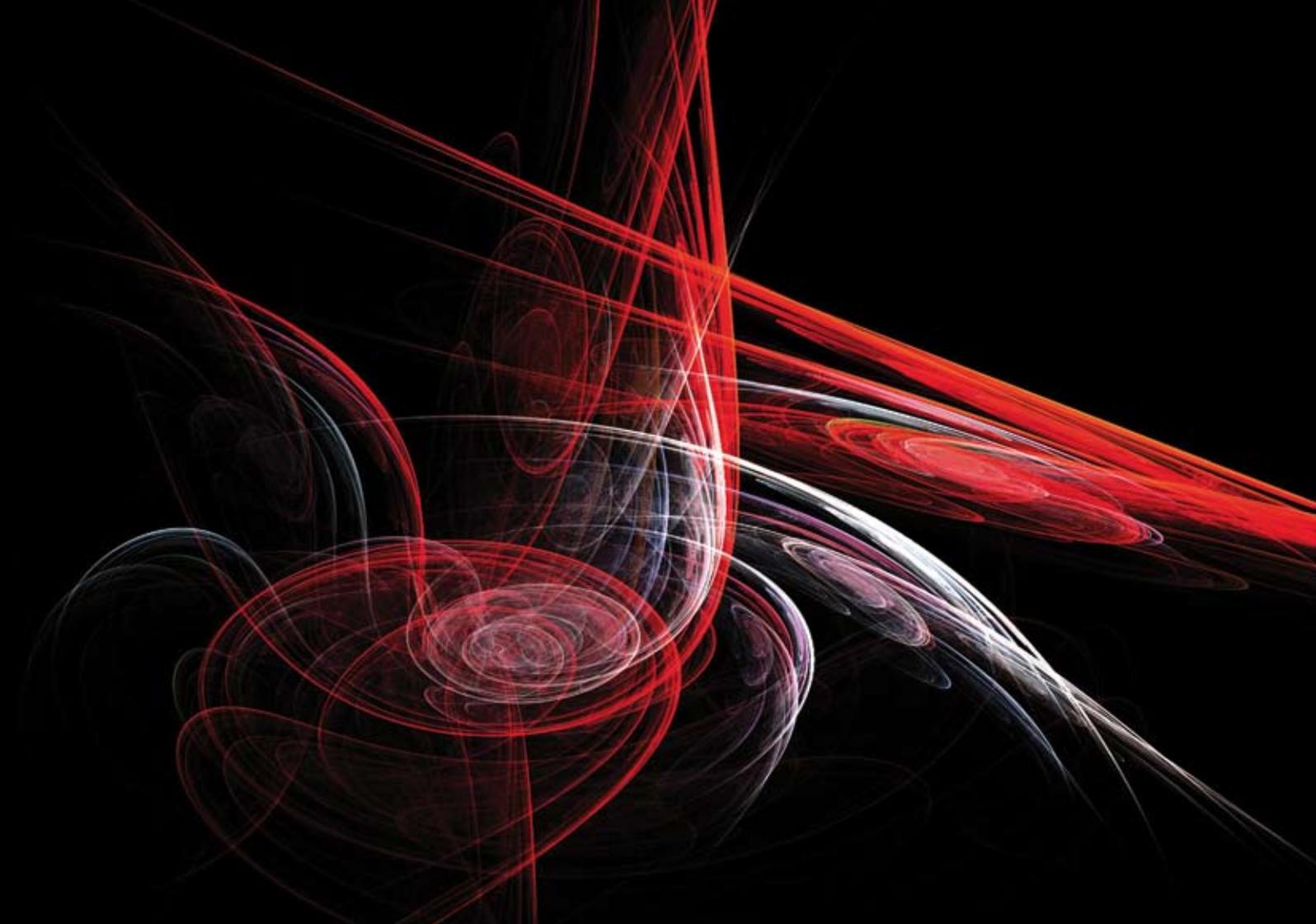
Use it in the study as a music system or as a high performance computer speaker. Hook up your Airport Express® digitally. Connect your iPod® and enjoy your stored music library. Catch the news on your local FM, AM or DAB Digital radio station as you lunch in the kitchen. Take it to your holiday retreat and enjoy complete home entertainment away from home.

Regardless of application, the Meridian F80 is neat, complete and everything you need.









Fusion of sound.

A perfect synthesis of sound and image
– through dedication, engineering excellence,
unique talent... and style.



Colours & connections.

Five original Ferrari colours are available in a superb, ultra-high gloss lacquer finish: *Giallo Modena* – the original Ferrari colour; the signature *Rosso Corsa*; the smooth, attractive white *Bianco Avus*; the distinctive black *Nero*, always in style; and *Argento Nurburgring*, a unique, sparking metallic silver. Additional special colours and finishes will be available later.



Specifications

- 80W 2.1 digital DSP-based stereo system with separate sub-woofer
- LF/MF (AM) and FM stereo reception
- Band III DAB Digital Radio (certain models)
- Built-in antenna for local stations
- Two assignable antenna sockets
- Selection of antenna accessories available
- 3.5mm digital optical/headphone out
- 3.5mm aux analogue input (Aux 1)
- 3.5mm digital optical input (Aux 2)
- Mini-DIN input (Aux 3) for docking station (docking station for iPod available separately)
- CD/DVD drive accepts CD-DA, CD-R/RW, MP3, WMA, DualDisc, DVD-V, DVD±R/RW
- S-Video and composite outputs PAL/NTSC
- Radio/tone alarm function
- Compact infrared remote control
- Weight: 6.5kg / 14.3lb
- Dimensions: 408 x 230 x 185 mm / 16 x 9 x 7 1/4 in (W x H x D, including knob)



On the rear panel are all the connections you'll need. You'll certainly enjoy the powerful on-board loudspeaker system, but there may be times when you want to connect a standard set of headphones for personal listening. Plugging the headphones in automatically mutes the loudspeakers – or not, if you prefer.



Digital optical input and output are also provided, along with three separate external analogue inputs. One is a mini-DIN connector that allows the connection of a special docking station for iPod® (available separately), while the others are standard 3.5mm stereo jack sockets that can be used to connect, for example, a personal stereo, PVR, computer or set-top box.

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