



M80 & i80

Compact Entertainment System and iPod Dock



The Meridian M80 is a beautiful, high-performance system in a single, compact CD/DVD/radio package. The results are incredible audio quality, combined with supreme versatility.

Featuring the same Meridian technology as larger systems that extract every detail from a recording, you'll be amazed something so small actually allows you to hear more of your music.

With CD/DVD player and digital radio, the M80 is equally at home as a subtle source of music in the bedroom as it is filling a large room with incredibly detailed, powerful sound.

Supplied complete with the i80 dock for iPod®, the Meridian M80 helps you realise the full potential of your digital music library.

The Meridian M80 is supplied in a unique hand-tooled leather finish, available in three stylish colours. The M80 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 a step forward.

Display

Advanced OLED technology gives the M80 a clear, easy-to-read display with a wide range of brightness. It can even adjust its brightness levels automatically to suit the ambient light.

Controls

Smooth-action, positive-feel buttons control the M80. In the central section, the buttons are labelled according to context. An elegant, slim-line magnetic-backed remote control is also provided.

DSP loudspeakers

The M80 features a powerful, 80-watt speaker system. Two separate drivers at the front handle left and right channels, 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.

CD/DVD drive

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

Product Highlights

A complete compact entertainment system, including all Meridian's core technologies in a package that's both stylish and discreet.

Offers a wide range of internal sources, including CD, DVD and radio, plus analogue and digital input connectivity.

i80 Dock for iPod® (included) allows iPod playback via the M80. iPod content can be controlled from the M80 front panel or remote control.

Meridian 2.1 DSP Loudspeaker System delivers exceptional, room-filling sound.

Robust, slot-loading CD/DVD drive for maximum reliability.

Mineral-filled composite body provides maximum rigidity and superb acoustic characteristics.

Advanced OLED display with automatic brightness control.

Smooth-action, positive-feel buttons with contextual menus.

Multiple rear panel inputs and outputs for maximum versatility

Built-in antenna and provision for two external antenna systems.

Meridian Audio Limited

www.meridian-audio.com



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Materials

The mineral-filled composite that makes up the body of the M80 is exclusive to Meridian. It was developed by Meridian co-founder and award-winning industrial designer Allen Boothroyd, and provides astonishing rigidity and high dimensional stability to maximise loudspeaker performance.

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 M80 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 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 its compact systems – 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 M80 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 M80 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 M80 has been placed, for example, in a corner or on a shelf, ensuring that the M80 sounds its best in any room position.

Rear Panel Connections

On the rear panel (see image below) 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: a mini-DIN connector for connection of the included i80 iPod dock, and two standard 3.5mm stereo jack sockets that can be used to connect, for example, a personal stereo, computer, set-top box or digital media system.

i80 Dock for iPod

The i80 completes the M80 system by adding iPod docking capability. The i80's black finish complements the appearance of the M80 and allows an iPod to be controlled with the M80 remote, with details displayed on the M80 display. Meanwhile, iPod content is replayed with the highest possible fidelity via the M80's powerful 2.1 DSP loudspeaker system. Your iPod never sounded so good!

Hand-tooled leather finish

The M80's stylish look is complemented by a unique leather-finished top cover with integral handle available in three colours, hand-tooled just a few miles from the Meridian headquarters near Cambridge by specialists with many years of experience in leather finishes for luxury British cars.

Outline Technical Specification

M80 Compact Entertainment System

- 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
- 3.5mm digital optical/analogue headphone out
- 3.5mm aux analogue input (Aux 1)
- 3.5mm digital optical input (Aux 2)
- Mini-DIN input (Aux 3) for docking station
- 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, inc. knob

i80 docking station for iPod (included)

- USB Type B connector for sync to computer and optional power supply
- Mini-DIN connects to M80 Aux 3 port iPod docking connector
- Gloss black finish

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