



MERIDIAN

i80p

Meridian dock for iPod

Product Information



Product highlights

Allows connection of an Apple iPod to any audio system with analogue inputs.

Internal DC-coupled audiophile circuitry maximises analogue audio performance of the iPod.

USB port for charging and synchronisation of the iPod.



Outline specification

Compatibility

- Fully compatible with iPod Mini, iPod Nano, iPod Classic, iPod Touch. Compatible with iPhone and iPhone 3G – Airplane mode recommended.

Connections

- USB/Power connector (Type B)
- 2 x phono connectors for audio out
- mini-DIN connector for RS232 control (future expansion)

Front-panel controls and indicators

- Power/Sync LED – green when powered, red when syncing
- Sync button.

Technical data

- (measured with 80GB iPod Classic installed, @1kHz)
- Output level 1–1.2Vrms (exact level depends on iPod model)
- Impedance 47 Ω
- Noise –92dB
- THD –87dB
- Crosstalk better than –65dB

Dimensions

- Base 100mm diameter
- Height 55mm approx at tallest point
- Weight 320g

Meridian has adapted the technology employed in the i80 (the dedicated iPod dock for the F80) to develop the i80p, which offers iPod connectivity with almost any audio or home theatre system.

A pair of phono sockets on the rear of the i80p allows connection to almost any sound system with analogue interconnects. The specially-designed analogue circuitry gives fantastic performance from an iPod providing a full, detailed and spacious sound, even when replaying compressed formats.

The i80p also charges the iPod while it is docked, via the included power supply.

The i80p includes audiophile-grade circuitry to extract the very best performance from your iPod using the docking connector in the base. It features a DC-coupled low impedance configuration along with bandwidth limiting, which reduces intermodulation distortion in the system to which the dock is connected. A sophisticated de-balancing circuit eliminates grounding errors, and a very low noise power supply ensures that no additional artefacts are introduced.

The i80p also includes a USB B-type socket for connection to a computer or power supply (included) for synchronisation and charging respectively, and an mini-DIN RS232 socket for future expansion.



i80p rear panel

To connect the iPod, the phono connectors should be connected to a standard line-level analogue input on an audio system. The plastic cover supplied with the iPod should be inserted into the i80p if required. The included power supply should be connected to the USB connector. Then the iPod is mounted in the dock. Playback is controlled using the iPod's controls.

To synchronise the iPod, the USB port should be connected to the computer with a USB cable terminating in a Type B (M) connector. The front panel Sync button is then pressed and the indicator light on the panel will change from green to red.

The i80p features a heavy die-cast zinc alloy base and high precision moulded shell, and is finished in gloss black.

The i80p is not designed for use with the Meridian F80 or AD88: the i80 or i88 respectively should be used with these products.

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