Product Overview

Compaq iPAQ MP4800 MicroProjector

State-of-the-art presentation features in a compact, lightweight projector.



Featuring:

- Industry-leading 2000 lumens brightness
- Razor sharp images with 800:1 contrast ratio
- Advanced video technology
- Lamp saver mode for 50 percent longer lamp life & noise level reduction to 34 dB
- Weighs only 2.6 kilograms
- Ceiling and tripod mounting
- Bundled remote control

COMPAQ
Inspiration Technology

Date Revised: February 21, 2002

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For More Information

For more information about this or any other Compaq product, visit Compaq online resources at compaq.com and select your country, or visit these locations online to learn more:

Compaq Projectors	compaq.com/products/projectors/
Compaq Services	compaq.com/services
Compaq Support	compaq.com/support
Contact Information	compaq.com/comments.html
Pixelworks™ ImageProcessor	pixelworksinc.com/product

Executive Summary

Introduction

Compaq is pleased to announce the Compaq iPAQ MP4800 Micro Projector, the newest member of the affordable iPAQ family of Micro projection systems pioneered by Compaq. Engineered for high brightness and professional image quality, the iPAQ MP4800 is among the brightest Micro projectors in the industry with 2000 ANSI lumens.

Designed for the conference room and weighing just 2.6 kg, the projector offers easy portability to enable sharing among multiple conference rooms. The projector includes the utmost in presentation capabilities at a fraction of the size and cost of full-sized high-brightness projectors—including advanced features such as native XGA resolution, integrated zoom capabilities, on-screen displays, and a remote control. The iPAQ MP4800 is perfect for executive-level presentations and everyday corporate applications.

What's Special about the iPAQ MP4800

The iPAQ MP4800 offers a unique array of features and benefits that make it a perfect fit for executive-level and corporate environments. They include:

- **Outstanding brightness**. With 2000 lumens brightness and high contrast using Texas Instruments DLP technology, the iPAQ MP4800 offers the brightest and sharpest display of its kind available.
- **Uncompromising high-performance features.** Cutting-edge Silicon Image DVDO deinterlacing technology allows crisp, clear imaging without any of the jitters sometimes encountered in signal conversion. Lamp saver mode extends bulb life by 50 percent and reduces the noise level from 36dB to 34dB. The unit includes an integrated zoom lens and integrated speakers for stereo sound.
- **Simplicity and ease of use.** The iPAQ MP4800 is incredibly easy to set up and use—no complicated wiring or drivers. Plug and Play features and AutoSynch technology ensure that the unit is ready to go the minute it's plugged in. The included remote control makes usage even easier, with one-button simultaneous access to the projector and a PC.
- **Compact and lightweight form factor.** The iPAQ MP4800 weighs just 2.6 kg, making it one of the smallest Micro projectors in the industry. Its lightweight design allows easy transport between conference rooms. The new flat design enables ceiling or tripod mounting and tabletop use.
- **Compatible with a wide range of equipment.** The iPAQ MP4800 is designed to be presentation compatible with a wide range of equipment, including desktop, notebook, and handheld PCs, including the iPAQ Pocket PC, as well as high definition television (HDTV), digital video interface (DVI), and analog sources (composite, S-video, and component video).
- **Unparalleled durability.** The iPAQ MP4800 undergoes the same rigorous testing as other Compaq products to ensure that it will withstand the stresses of highly dynamic environments.
- **One-stop shopping**. The iPAQ MP4800 is supported by Compaq's three-year warranty and the “Pick-up and Return Program” in Europe, Middle East and Africa.

For more details about all these important product features, see "iPAQ MP4800 Advantage" on page 7 of this document.

Key Features and Partnumbers

A number of cutting-edge presentation features make this an ideal executive-level portable projector. Important specifications are listed in the chart below.

Compaq iPAQ MP4800 Micro Projector		
Brightness (ANSI)	2000 lumens	
Native display resolution	XGA (1024 x 768)	
Resolutions supported through scaling	Will automatically scale up from VGA, SVGA or scale down from SXGA to fill screen. Will scale from Macintosh 832 x 624 and 1152 x 870 compatible.	
Weight	2.6 kg	
Dimensions/Volume	9.48cm x 29.35cm x 23.21cm (HxWxD) / 5042 cubic cm	
Image technology	Texas Instruments Digital Light Processing (DLP) technology	
Image contrast	800:1 contrast full-on; 200:1 checkerboard ANSI	
Noise level	36dB (normal operation); 34dB (lamp saver mode)	
Color	SMPTE-C, 24 bit, 16.7M	
White point	7400° Kelvin	
Uniformity	60% or better	
Lens type	Adjustable focal length zoom lens (1.2x) and manual adjustable focus	
Throw ratio (D:W)	2.0 to 2.4:1	
Throw distance	0.9 meters to 12.2 meters	
Horizontal frequency	15 to 100 kHz for analog signals and 15 to 60 kHz for digital signals	
Vertical frequency	30 to 100 kHz for analog signals and 48 to 75 Hz for digital signals	
Power consumption	15 watts (standby)/300 watts (full power)	
Operating temperature	10° to 35°C	
Operating humidity (non-condensing)	20% to 80%	
Offset	110% of image above centerline	
Focus	Manual focus via focus ring around lens	
Keystoning	Digital keystone correction (+/- 30 degrees)	
Signal interface	Standard analog VGA, DVI, HDTV (480p, 480i, 720p, 720i, 1080i), S-video, RGB, composite video and audio.	
User interface	Standard Compaq on-screen display	
Remote control	Full-featured remote control with remote mouse	
USB capabilities	USB to USB for remote mouse use	
Approvals/certifications	CE, NEMKI, DEMKO, SEMKO, FEMKO, C.I.S.P.R, VCCI, FCC Class B Approval, VDE/TUV, CSA, UL Approval, BSMI, NOM	
On-screen languages	English, German, French, Spanish, Italian, Japanese, Dutch, Chinese	
Adjustable features	Brightness, contrast, positioning, keystone correction, digital zoom, clock, clock phase, color temperature, picture control, HDTV, menu location, control, power saver, lamp hours, lamp hours reset, standby lamp delay, serial number, factory reset, image control (upside down, reverse, upside down and reversed)	
Audio	Integrated dual two-watt stereo speakers	
Video	VGA or DVI source (example: DVD on Portable or Desktop PC). Video and S-Video capability (from DVD, Camcorder, or VCR) , HDTV signals (480p, 480i, 720p, 720i, 1080i), and component video. Enhanced video capability with Silicon Image DVDO deinterlacing technology for improved video, remote control	
Power supply	100V to 240V fully US and European compliant (auto switching): warm restrike after 45 seconds	
Lamp type	User replaceable Osram 200 watt P-VIP lamp (1,000 hours half-life, 1,500 hours in lamp saver mode)	
Tripod/ceiling mount ready	Yes	
Warranty	3 Year pick-up and return for Europe, Middle East and Africa with 5 business day return. 90 Day standard bulb warranty. Within the bulb warranty period, defective bulbs will be replaced via overnight shipment. Compaq's toll-free telephone hotline support is available 7 x 24 (terms and conditions vary by region).	
Partnumbers iPAQ MP4800	EURO	257524-021
	United Kingdom	257524-031
	Italy	257524-061
	Denmark	257524-081
	Switzerland	257524-111
Partnumbers Options	Home Theater Kit MP4800 - HT180	281729-001
	Lamp Kit MP4800	257892-001
	Ceiling mount kit MP4800 – CM10	281730-001

Why Micro Projectors?

In today's multi-faceted business environment, there is a growing market for products that combine convenience and portability with high-end features and stylish design. micro projectors, such as the Compaq iPAQ MP4800 Micro Projector, offer this premium combination of features, functionality, and form factor at an affordable price.

As workers become increasingly mobile and office environments more elastic, lightweight portable devices have become more important to business users. Micro projectors fit neatly with this trend because they offer the features and benefits of standard-sized projectors without the hassle of packing, setting up, and carrying a heavy device from location to location.

With the iPAQ MP4800, you get an industry-leading presentation solution that can be conveniently mounted on a tripod or the ceiling to leave more elbow room in conference areas and can easily be carried from conference room to conference room. With stunning brightness, DVI and analog compatibility, zoom lens, easy-to-use control features, and more, the iPAQ MP4800 packs best-in-class presentation tools normally found in full-sized projectors into a compact form factor stylish enough for any executive boardroom.

iPAQ MP4800 Advantage

The iPAQ MP4800 offers a number of high-end presentation and ease of use features that make it an industry-leading conference room projector. The following section explains in detail each of the unit's special features.

Outstanding Brightness

Although an affordable and compact projector, the iPAQ MP4800 still offers outstanding presentation features, including 2000 lumens of lighting intensity—the brightest available in a microprojector. Clear imaging and high contrast, along with the projector's native XGA resolution, allows top-notch presentations even in adverse lighting conditions.

The sharp images are a direct result of the built-in Texas Instruments (digital light processing) DLP technology. The finely engineered DLP components result in a smaller distance between image producing elements, thereby eliminating the "screen door" effect found in most front-projection LCD models. DLP also allows more light to pass through the lens, enhancing brightness by 30 percent and doubling the contrast ratio when compared to traditional LCD projectors.

Uncompromising High-Performance Features

The iPAQ MP4800 doesn't compromise on the high-quality presentation features users have come to expect from the MP family of micro projectors, including:

- **Advanced video technology.** Silicon Image DVDO deinterlacing technology seamlessly converts the standard-definition interlaced video signal to a non-interlaced signal to offer crisp, clear imaging without any of the jitters sometimes encountered in signal conversion.
- **Integrated zoom lens.** The special zoom feature allows the best image to be displayed from a single position—no more moving the unit back and forth to get the best display effect. Users simply engage the zoom lens to adjust the picture so it fills the entire projection area. The built-in auto-scaling feature also helps adjust the picture for optimal display results.
- **Simple handheld controls.** The bundled remote control lets users remotely interact with any connected PC and its applications, just as though they were holding the mouse in their hands. It also controls the zoom, resynch, and other menu adjustments at the touch of a button.
- **Built-in speakers.** High-quality audio is provided courtesy of the built-in two-watt stereo speakers, which offer affordable high-quality audio for multimedia presentations without requiring external speakers.
- **Easy multimedia integration.** When used in conjunction with the optional home theater adapter pack, the highly versatile and compatible iPAQ MP4800 can also present full-motion video from a PC, VCR, DVD, or camcorder.
- **Lamp saver mode.** Users can run presentations at high or low power to extend bulb life by up to 50 percent.

Simplicity and Ease of Use

The iPAQ MP4800 is incredibly easy to set up and use. Simplified design and lighter weight mean less bulk to assemble and fewer parts to wire together. Additional user-friendly features include:

- **Built-in Plug and Play features.** The iPAQ MP4800 is compatible with any brand of Microsoft™ Windows™-based PC desktop, laptop, or notebook—it even works with handheld computers equipped with appropriate RGB adapters, such as the iPAQ Pocket PC.
- **AutoSynch feature.** This feature automatically interprets and adjusts to incoming computer graphics and video signals to ensure that the highest quality images are displayed.
- **Intuitive on-screen display functions.** The exclusive Compaq icon-based on-screen display menu allows users to easily tweak presentations at the touch of a button and conduct
on-the-spot adjustments throughout a presentation. A laser pointer built into the remote control lets users highlight specific points in a presentation from anywhere in the room.

Compact and Lightweight Form Factor

The iPAQ MP4800 weighs just 2.6 kg, making it light enough to be easily transported between offices and conference rooms by hand. The new flat design lets you place it on the table or mount it on a tripod or the ceiling.

Compatible with a Wide Range of Equipment

Compaq worked with Pixelworks™ engineers to customize an ImageProcessor chip that delivers unsurpassed computer graphics and video image quality in the projector. The ImageProcessor chip is a complete display system on a chip, which provides wide-ranging compatibility with nearly every brand of personal computer and video source on the market, including computers, televisions, VCRs, camcorders, and DVD players.

The iPAQ MP4800 includes both analog (VGA) and digital video inputs, so it is highly compatible with both existing analog and future digital devices. The optional home theater kit allows users to attach video and S-video inputs from any VCR, DVD, or camcorder device, for easy integration of multimedia into complex, sophisticated presentations.

The projector is also capable of displaying full-motion video as well as High Definition TV (HDTV) display modes from a variety of sources, including D-VHS and HDTV-DVD players, satellite dish HDTV receivers, and DTV tuners. The iPAQ MP4800 supports 480p, 480i, 720p, 720i, and 1080i HDTV modes.

Unparalleled Durability

The iPAQ MP4800 is durable enough to withstand continuous use and handling, thanks to careful construction and the same rigorous testing Compaq gives all of its road-ready portable products, such as the Evo line of notebook computers. The magnesium casing is 20 percent stronger than plastic and 30 percent lighter than aluminum, providing a unique combination of light weight and ruggedness.

Compaq Advantage

The iPAQ MP4800 offers much more than an incredibly portable best-in-industry projection system. It also brings you all the advantages of doing business with Compaq.

Compaq Quality and Reliability

The iPAQ MP4800 is tested for consistent quality from prototype to production, to assure easy setup and optimal display performance. Packaging and safety testing is also conducted to ensure proper protection during handling, shipment, and storage of the unit.

Compaq prides itself on a reputation for best-of-breed products that meet industry standards, and the iPAQ MP4800 is a testament to that. Compaq is one of the largest computer companies in the world and continues to be a top-tier supplier of desktop PCs.

Compaq's strong market share reflects a global awareness and strong customer loyalty to Compaq's full line of innovative, yet competitively priced, micro projectors. Our world-famous quality and reliability extend to all of our projectors, reducing maintenance, repair, and support costs throughout the product's life cycle, and providing a higher residual value for Compaq products than for any other brand.

Compaq Service and Support

The iPAQ MP4800 is supported by Compaq's comprehensive three-year limited warranty, which helps limit your costs, downtime, and inconvenience. The warranty provides three-year parts and labor with on-site service available. More than 100,000 sales and authorized service locations and trained professionals offer an unparalleled depth of service and support at the local level in over 200 countries worldwide.

In Europe, the pick-up and return program features a 5 business day turn-around of repaired/replacement unit during the warranty period (“best effort” turn-around time in Middle East and Africa). The projector's internal light bulb is covered by a 90-day standard warranty. During this 90-day period, any defective bulb will be replaced by overnight delivery.

Compaq offers round-the-clock telephone hotline support (terms and conditions may vary by region). Additional support is available 24 hours a day on the Web at compaq.com. An upgrade to CarePaq Services offers additional warranty coverage, as well as round-the-clock technical support.

CONCLUSION

All these features make the Compaq iPAQ MP4800 Micro Projector a unique, best-in-class portable presentation solution. With the iPAQ MP4800, Compaq continues to deliver on its promise to bring to market easy-to-use, innovative products that simplify business computing. The iPAQ MP4800 combines a compact and lightweight form factor with
best-of-industry features to provide executive-level and enterprise customers with a state-of-the-art portable presentation solution. Check with your account manager or Compaq reseller for the latest product details and availability.

Notice

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