

# HP Digital Projector mp3222



Impress your audience with the HP Digital Projector mp3222, providing industry-leading performance in a mobile solution. This remarkably easy-to-use projector is the ideal, affordable solution.

**The active professional who needs a quality solution that is highly reliable, provides ease of use, image quality, and mobility with outstanding price-to-performance.**

#### **Amazingly simple to set up and use.**

- Easy to transport at just 1.7 kg in weight, and simple to set up and operate using its top control panel and adjustable features like focus, zoom, saturation, image optimisation and contrast, the HP Digital Projector mp3222 is the mobile solution you can rely on.
- A full array of audio and video inputs, including S-video, composite, component and HDTV capabilities (up to 1080i), allow you to use the projector with virtually any source, from your notebook PC to a PDA or DVD player.

#### **Astonishing contrast and brightness.**

- Wow your clients with impressive presentations, delivered with superior brightness of 2000 ANSI (max) lumens\*, true XGA (1024 x 768) resolution with SXGA+ (1400 x 1050) scalability and a super-sharp contrast ratio of 2000 to 1.
- Project the brightest, sharpest, clearest image for high-quality presentations in any setting, with advanced electronic keystone correction that corrects any distortion in the projected image.

#### **A truly affordable mobile projector solution.**

- The HP mp3222 Digital Projector is the ideal mobile projector, combining bright, high-quality images with smooth, easy operation – at an excellent price.
- Its 251 x 210 x 70 mm body makes it easy to carry and simple to set up in any location and, with a footprint about the size of a standard sheet of paper, it fits neatly into your briefcase with room to spare.
- It puts all the tools needed for great-quality presentations right at your fingertips, for an impressive ratio of price to performance.

\*The ANSI (max) lumens rating is based on ANSI/NAPM IEC 61947-1 tests of 33 units, in May, 2004, with a projector mean ANSI lumen of 1759 and maximum ANSI lumen of 2019. The ANSI (max) lumen specification is provided to enable customers to accurately compare HP digital projectors lumens with the lumen ratings of other vendors. Lamp brightness will decline with use. Replacing the used lamp with a new factor lamp will restore the projector's output to its original brightness range.

## Technical specifications

<b>Brightness</b>	2000 ANSI lumens (peak)
<b>Display resolution</b>	1024 x 768 True XGA
<b>Resolutions supported through scaling</b>	Native XGA (1024 x 768) – scales up from VGA (640 x 480) and scales down from SXGA+ (1400 x 1050)
<b>Dimensions (w x d x h)</b>	Out of package: 251 x 210 x 70 mm, packaged: 434 x 431 x 178 mm
<b>Weight</b>	Out of package: 1.7 kg, packaged: 6.35 kg
<b>Images technology</b>	DLP projection system (0.7 in 12° DDR DMD); DDP 2000 image processor (TI DLP); 5 segments colour wheel (RGBWY)
<b>Image contrast</b>	2000:1 full on/full off
<b>Noise level</b>	Normal operation: 37dB(A) under 25° C, 35 dB(A) in lamp saver mode, peak: 37 dB(A) peak under 25° C
<b>Colour</b>	24-Bits, 16.7 million colours White point coordinates: 0.273 < x < 0.333; 0.311 < y < 0.371
<b>Uniformity</b>	Greater than 75% typical
<b>Lens</b>	Non-telecentric, 2.4~2.65; manual zoom; manual focus
<b>Projection size</b>	0.62 to 7.4 m (diagonal)
<b>Throw distance</b>	Approximately 1.2 to 12 m
<b>Display scan frequency</b>	Horizontal frequency: 15-100 kHz, vertical frequency: 43-85 Hz
<b>Offset</b>	115% of image above centre line
<b>Keystoning</b>	Vertical: ± 16° (32° total) typical Advanced electronic keystone correction
<b>Computer compatibility</b>	SXGA+, SXGA, XGA+, XGA, SVGA, VGA, Mac, Mac LC 13 inch, Mac II 13 inch, Mac 16 inch, Mac 19 inch, Mac G4, iMac DV
<b>User interface</b>	Power, page up/down, mouse, menu, sync, source Lamp out – red; temperature warning – red; power – blue User-friendly multilingual On Screen Display (OSD) 8-button panel: power, enter/menu, up arrow, down arrow, left arrow, right arrow, Image optimisation select, LED indicators
<b>Certifications</b>	Safety certifications cULus, TUV-GS, CCC, EN60950, PSB, NOM, B-mark, GOST, FDA DHHS, SHOAN, EMI/EMC certifications, FCC Part 15 Class B, EN55022: 1998, EN55024: 1998, VCCI, MIC, C-Tick
<b>Adjustable features</b>	Focus, Zoom, Image optimisation, Economy mode, Saturation, Brightness, Sharpness, Contrast, Source
<b>Audio</b>	1 watt mono internal speaker
<b>Video compatibility</b>	S-video, composite, component capability (HDTV – up to 1080i), analogue RGB
<b>Power requirements</b>	Universal 100 to 240 VAC, 50/60 Hz
<b>Power consumption</b>	250 watts maximum
<b>Lamp</b>	200-watt compact P-VIP projector bulb; 2000 hours life.
<b>Operating environment</b>	Environmental ranges: operating temperature: 5 to 35° C, recommended operating temperature: 5 to 35° C, operating humidity: 80% RH (5 to 35° C, max, non-condensing), recommended operating humidity: 80% RH, (max) non-condensing, storage temperature: -20 to 60° C, storage humidity: 80% RH (-20 to 60° C, max, non-condensing)
<b>Mounting capability</b>	Ceiling, tripod mounting
<b>Warranty</b>	One-year pick-up and return for Europe, Middle East and Africa. 90 day standard bulb warranty.

## Ordering information

**L1742B** HP Digital Projector mp3222, power cord (3 m), VGA cable, USB cable, remote control, remote control battery, carry case, documentation kit, including Quick Setup Card, CD-ROM with User's Guide, Important Safety Information booklet, Worldwide Limited Warranty and Technical Support booklet, Program License Agreement

### Cables

**L1706A** HP USB Cable – 4.9 m

### Cases

**L1622A** Carry Case Deluxe Combo mp3130

### Digital Imaging Accessories

**L1703A** HP Ceiling Mount

**L1586A** Wireless (IR) Smart Remote

**L1633A** Screen Mobile 60"

**L1646A** Gyration RF Remote Control

**L1671A** Screen Presenter 50"

**L1720A** HP mp3222 Lamp Module

<http://www.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0800 242 242, **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (078) 15 20 30 (0.0496 EUR/min), **Bulgaria:** (+359) 2960 1940, **Croatia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 261 108 108 (Prague), **Denmark:** 48 12 10 00, **Egypt:** 532 5222, **Estonia:** (+372) 6813 823, **Finland:** (+358) 0205350 or 0205 350, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** 8 800 10000 or 8 5 2103333, **Luxembourg:** (+352) 263 160 34, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia: 0-800 122 622, **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Serbia/Montenegro:** +381 11 201 99 00, **Slovakia:** +421-2-50222111, **Slovenia:** +3861 2307 420, **South Africa:** 0800 118 883, **Spain:** (91) 634 88 00, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20.



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