



HP mp3222 Digital Projector
Compact size, huge impact

Crisp, clear presentations anywhere.



For professionals constantly on the move, HP has a new projector tailor-made to help you make that all-important sales pitch or presentation. The HP mp3222 Digital Projector is a highly mobile, user-friendly and powerful tool for making an impact on your audience, at a very affordable price point.

Powerful brilliance

A 2000 peak ANSI lumens ensures projection of bright images that are visible under extreme ambient light conditions. You achieve amazing visual impact for your presentations in a wide variety of environments.

Sharp, rich graphics

The 2000:1 contrast ratio and 16.7 million colours deliver outstanding richness and vibrancy in your presentation graphics. Get your point across easily with superb clarity and crisp details.

Quality images, all the time

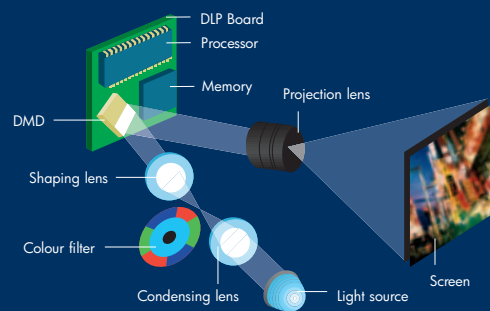
You can rely on the HP mp3222 Digital Projector presentation after presentation. With DLP™ technology, picture quality is consistently more durable and longer lasting than LCD type projectors¹.

In addition, the DLP™ scaling engine delivers greater legibility, smoother graphics and improved clarity all the time.

- **Scalable resolutions.** Converts input to the projector's XGA native resolution seamlessly. Scalability works with resolutions from VGA to UXGA (1600 x 1200) and with a multitude of sources, such as PCs, hand-helds, composite and component video.
- **Electronic keystone correction.** Adjusts output up to +/-20%, to keep a squared, undistorted image and delivering a professional presentation every time.
- **Text processing.** Sharpens and processes text to reduce blurriness in both vertical and horizontal dimensions.
- **Aspect Ratio Scaling.** Adapts the output aspect ratio to conform to any given signal input (16:9 widescreen input mode). Smooth scaling is also achieved when expanding the image to fit the viewing area.



Vivid and life-like images with 2000:1 high contrast ratio



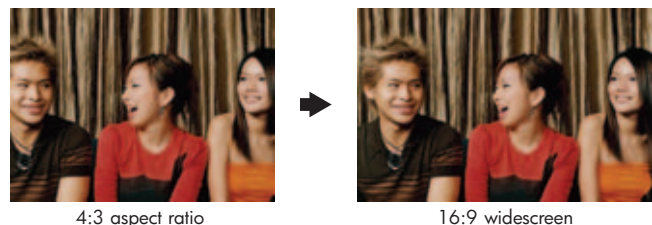
Advanced DLP™ technology is implemented in the HP mp3222 Digital Projector



Square, undistorted images with vertical keystone correction



Text processing eliminates vertical and horizontal scaling distortion and minimises ringing



See the big picture with 16:9 widescreen mode

Easy to move, easy to use

Designed with ease in mind, the HP mp3222 Digital Projector is small and lightweight, with many built-in user-friendly features. The sliding lens cap is built into the body and will not be misplaced.

Deploying the elevator foot requires only a single hand and a 1.2x manual zoom dial gives you added flexibility in placement. Dimensions of 70 x 251 x 210 mm, together with a weight of 1.7 Kg, allow it to fit into a briefcase or suitcase with room to spare.

Focus on your presentation, not the projector

Additional ergonomic features include quiet 37 dB operation, vertical keystone correction, easy access lamp module and an image optimisation selector that quickly optimises your display for data or video input by selecting the best colour contours and contrast levels for your presentation at the push of a button.

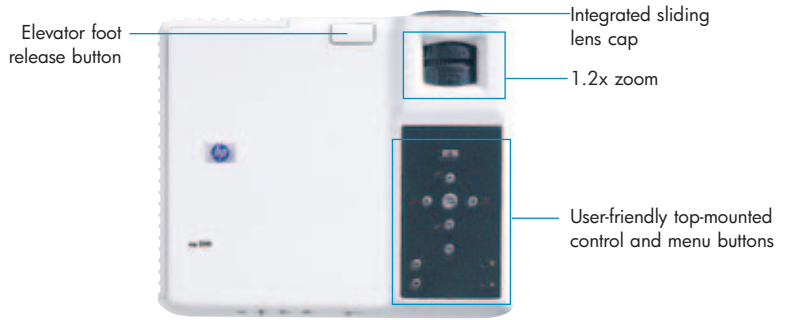
It also comes complete with a credit card style remote control with full mouse functionality.

Flexible connectivity

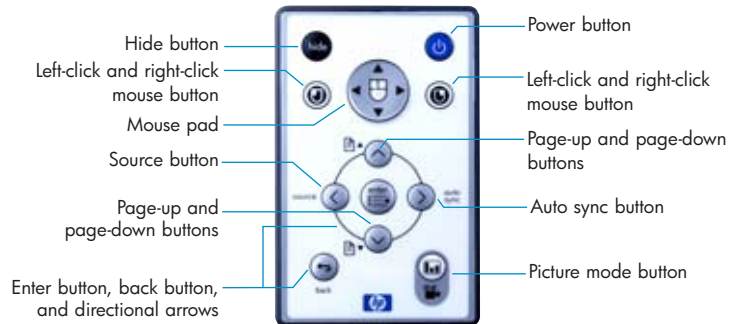
A full array of audio and video inputs allows you to use the HP mp3222 Digital Projector with virtually any source, from your laptop computer to a PDA or DVD player. The projector is equipped with built-in audio as well as full-screen NTSC/PAL/SECAM video capability and is compatible with VGA, composite, component, S-video and HDTV inputs.

Maximising your projector's performance

The HP mp3222 Digital Projector is compatible with a range of accessories, giving you greater flexibility and convenience. These include a combo carrying case for your projector, notebook and accessories, a variety of audio and video cables and spare lamp modules.



Ergonomic features for easy operability



Remote control with mouse function



Connect to a variety of input sources easily



Carrying case



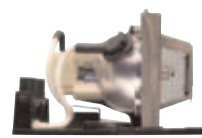
HP Component Video RCA to VGA 1.8m Cable



Ceiling Mount



Mobile screens



Lamp module

An extensive range of optional accessories for enhancing your presentation

¹ Information regarding DLP™ technology provided by Texas Instruments from research conducted by the Munsell Colour Science Laboratory (MCSL) at the Rochester Institute of Technology.

HP mp3222 Digital Projector

Technical specifications

Brightness	2000 ANSI (max) lumens ¹
Resolution	1024 x 768 True XGA
Image contrast	2000:1 full on/full off
Lamp life	2000 hours/3000 hours in economy mode
Weight	1.7 kg (3.8 lb)
Projected image	
Size	Adjustable from 0.62 to 7.4 m diagonal (24.4 to 292.5 inches)
Uniformity	Greater than 75% typical
Throw distance	Approximately 1.2 to 12 m (3.3 to 29.4 ft)
Projection offset	115% of image above center line
Display technology	Single-panel 0.7 in 12° DDR DMD XGA projection system (TI DLP)
Scalable resolution	Native XGA (1024 x 768)—scales up from VGA (640 x 480) and scales down from UXGA (1600 x 1200); Automatic resizing supported
Projector lens	~2.4 (wide), ~2.65 (tele); manual zoom; manual focus; digital and optical zoom
Keystone correction	Advanced electronic keystone correction +/- 16° (32° total) typical
Noise level	Normal mode: 37 dB(A) peak; Economy mode: 35 dB(A) peak, under 25 degrees C
Light source	200-watt compact P-VIP projector bulb
Audio	1 watt, mono internal speaker
Video capability	S-video, composite, component, HDTV (up to 1080i)
Video formats	NTSC, PAL, SECAM
Input connections	Computer input (VGA terminal), composite video input (RCA jack), S-video inputs (Min Din 4 pin), audio input (3.5 mm phone jack), USB input, component/HDTV via L1713A adapter cable
Detection of computer signal input	Automatic
Computer compatibility	NTSC-M (3.58 MHz), 4.43 MHz, PAL-B, D, G, H, I, M, N, SECAM-B, D, G, K, K1, L, HDTV-480i, 480P, 576i/P, 720P, 1080i
Image synchronization	Automatic
Remote control	With power, page up/down, mouse, menu, sync, and source buttons
Menus	User-friendly 11-language On Screen Display (OSD)
Mounting capability	Ceiling, tripod and table top
Tilt angle	8 degrees with elevator foot
Dimensions (w x d x h)	70 x 251 x 210 mm (2.77 x 9.88 x 8.27 inches)
What's in the box	HP mp3222 Digital Projector, power cable, 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, Worldwide Telephone Numbers booklet
Environmental ranges	
Operating	5 to 35° C (41 to 95° F)
Storage	-20 to 60° C (-4 to 140° F)
Relative humidity	80% RH, (max) non-condensing
Altitude	Operating: 10000 ft; Storage: 40000 ft
Acoustics	Normal mode: 37 dB(A); Economy mode: 35 dB(A); under 25 degrees C
Power	
Requirements	Universal 100 to 240 VAC, 50/60 H
Consumption	250 watts maximum
Certifications	
Safety	cULus, TUV-GS, CCC, EN60950, PSB, NOM, B-mark, GOST, FDA DHHS, SHOAN
Electromagnetic compatibility	FCC Part 15 Class B, EN55022: 1998, EN55024: 1998, VCCI, MIC, C-Tick
Warranty	2 year standard unit warranty with customer choice of express exchange or repair; 90-day Standard Bulb warranty, within the bulb warranty period, defective bulbs will be replaced via overnight shipment; HP's toll-free support 1-800-474-6836 (1-800-HP invent), available 24 hours a day, 7 days a week; certain restrictions and exclusions apply, consult the Product Information Center for details. HP Product Number

¹ 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 lumens of 1759 and maximum ANSI lumens of 2019. The ANSI (max) lumens 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.

Ordering information

Number	Description
L1742A	HP mp3222 Digital Projector
Accessories and supplies	
L1678A	HP mp3222 cover case (included)
L1703A	HP mp3222 ceiling mount
L1720A	HP mp3222 lamp module
L1671A	Screen, 50-inch presenter
L1633A	Screen, 60-inch mobile
L1622A	Deluxe combination travel case (RS 150)
L1586A	Remote control, smart wireless (IR)
L1712A	Remote control, w/mouse function (included)

Cables	
L1532A	Cable, audio mini plug, 1.8 m
L1625A	Cable, VGA (included)
L1635A	Cable, S-video, 1.8 m
L1661A	Cable, USB, 1.8 m (included)
L1713A	Cable, component/S-video to VGA, 1.8 m
L1717A	SCART/S-video adapter

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

HP customer information centre (for product information)

Australia	13 23 47
China	800 820 2255
Hong Kong	800 938 833
India	1600 444 999
Indonesia	0800 1111 222
Korea	080 703 0700
Malaysia	1800 88 4848
New Zealand	0800 733 547
Philippines	1800 1441 6688
Singapore	1800 278 8100
Taiwan	0800 236 686
Thailand	+66 2 353 9000
Vietnam	+84 8 823 6215

HP customer care centre (for post-sales service)

Australia	13 10 47
China	800 810 5959
Hong Kong	+852 3002 8555
India	1600 112 267
Indonesia	+62 21 350 3408
Korea	+82 2 3270 0700
Malaysia	1800 80 5405
New Zealand	+64 9 356 6640
Philippines	+63 2 867 3551
Singapore	+65 6 272 5300
Taiwan	+886 2 8722 8000
Thailand	+662 353 9000
Vietnam	+848 823 4530

For the following countries, please fax your queries to: +65 6275 6707

- Bangladesh • Bhutan • Brunei • Cambodia • Maldives • Nepal
- Pakistan • Sri Lanka

For more information on

HP Care Pack, visit: <http://www.hp.com/apac/hpservices/carepack>

HP Instant Support Professional Edition (ISPE), visit:

<http://www.instant-support.asiapac.hp.com>

For more information on support, visit: <http://www.hp.com/support>

For more information on HP genuine parts, visit:

<http://www.hp.com/go/hpparts>

For specific warranty details, please check with your local country resellers.



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