

# HP Digital Projector xp8000 series



Deliver professional presentations with the HP Digital Projector xp8000 series which gives you bright, sharp images with rich colours and the benefit of wireless connectivity. What's more, its advanced features are easy to understand and use.

**The ideal solution for businesses, organisations, government and educational institutions that need a high-end projector that is easily installed and maintained, enabling them to present high quality, worry-free professional presentations flexibly in a wide variety of environments and lighting conditions.**



HP Digital Projector xp8010

**High brightness, vibrant colours and a choice of lenses enable you to project in almost any space.**

- High brightness of 2600 lumens<sup>1</sup> or a powerful 3100 lumens<sup>2</sup> ensures vivid images and the flexibility to present in different lighting conditions.
- Colours have never been brighter thanks to expert colour matching, enhanced colour tables, a patented dual colour wheel, XGA resolution and a high contrast ratio.
- Adjust the projection distance and fit the image to any size space with the easily angled, short, medium, and long throw lenses.
- Mount it to the ceiling, on a rear wall, or keep it portable.

**Present with confidence using advanced features which are easy to understand and use.**

- Take the stress out of presenting as the projector's intuitive interface facilitates set-up and use, and settings are simple.
- Maximise the impact of presentations with the video and audio options which are easy to find, set and run.
- Keep control with the intuitive, laser-equipped remote control which provides access to all the features the projector offers.
- Top-loading means the lamp is easy to reach and replace as needed, no matter where the projector is mounted.



HP Digital Projector xp8020

**Flexible networking connectivity lets you manage and run presentations to and from almost anywhere.**

- Present wirelessly from a PC or pocket PC, over the network, or directly from a CompactFlash™ memory card<sup>3</sup>.
- Work with anyone on your LAN using internet-based collaborative tools.
- Protect your equipment from theft with an automatic e-mail alert as soon as the projector is removed from network or power<sup>3</sup>.
- Data content is protected by an enhanced-security wireless protocol.
- Manage projectors over the network; adjust settings, receive automatic warnings, set passwords, update firmware from anywhere.

<sup>1</sup> HP Digital Projector xp8010

<sup>2</sup> HP Digital Projector xp8020

<sup>3</sup> Theft protection and presentation from storage require future firmware upgrade. Check for availability on [www.hp.com](http://www.hp.com) or with your local HP dealer.

## Technical specifications

<b>Brightness</b>	HP Digital Projector xp8010: 2600 ANSI lumens (peak), 3600 lumens in greyscale HP Digital Projector xp8020: 3100 ANSI lumens (peak), 3850 lumens in greyscale
<b>Display resolution</b>	Native XGA (1024 x 768)
<b>Resolutions supported through scaling</b>	VGA to UXGA (640 x 480 to 1600 x 1200); HDTV (up to 1080i) and Mac compatible; NTSC, PAL, and SECAM compatible
<b>Dimensions (w x d x h)</b>	Out of package: 400 x 275 x 130 mm without handle, focus ring, feet; 442 x 304 x 139 mm with handle, focus ring, feet
<b>Weight</b>	Out of package: HP Digital Projector xp8010: 6.0 kg; HP Digital Projector xp8020: 6.1 kg
<b>Images technology</b>	DLP™ (0.7" 12" DDR); HP patented dual colour wheel technology with 4 segment (RGBW) data and 6 segment (RGBRGB) video colour wheels
<b>Image contrast</b>	HP Digital Projector xp8010: JBMA 800:1 (full-on/full-off); ANSI 350:1 (checkerboard)
<b>Noise level</b>	Normal operation: 32 dB(A) ±2 dB(A), under 25° C peak: 34 dB(A) peak
<b>Colour</b>	24-bits, 16.8 million colours
<b>Lens</b>	F/2.0 ~ 2.4, f=28.6 ~ 34.3 mm with 1.2x manual zoom lens
<b>Projection size</b>	Approximately 0.9 to 7.5 m
<b>Throw distance</b>	Approximately 1.5 to 12 m (standard lens)
<b>Offset</b>	±100%
<b>Keystoneing</b>	Horizontal ±17° (34° total), vertical ±40° (80° total) Advanced electronic keystone correction
<b>User interface</b>	Wireless remote controller with USB mouse function and laser pointer Lamp broken – red; temperature warning – red; power – blue User-friendly multilingual On Screen Display (OSD) Power, Theatre video mode select, Greyscale mode select, Presentation mode select, Menu select, Menu right, Menu left, Menu up, Menu down, Source select, Autosync
<b>Certifications</b>	USA: EMC – FCC Part 15 Class B, Safety – UL950, RF – FCC part 15 C, Safety – FDA (remote controller); Canada: EMC – ICES-003 Class B, Safety – CSA 22.2 #60950, RF; UK/Germany/Italy/Switzerland/France/Austria/Sweden/Finland/Denmark/Norway/Spain/Netherlands/Arab Emirates/Belgium/Greece/South Africa/Portugal/Ireland/Luxembourg/Slovakia: EMC, German Safety (TV-GS), Safety, CB, RF; Czech Republic: IEC 60950, EN 55022, EN 55024; Malaysia/Philippines/Thailand/India/Indonesia/Vietnam/Taiwan: EMC/Safety; Taiwan: RF; Japan: EMC-ITE Class B/CISPR22, Safety – IEC 60825 for remote controller, RF- ARIB STD T-66/STD 33; China: GB9254-1988, GB17625.1-1998, GB4943-1995, RF; Korea: EMC-CISPR22, Safety, RF; ANZ: EMC-AS/NZS 3548: 1992, Safety, RF; Singapore: IEC 60950/Sing.Deviation, RF; Mexico: NOM-1171; Argentina: IEC 60950; Columbia/Chile/Venezuela/Central America/Peru/Ecuador: EMC, Safety, RF; Hong Kong: EMI
<b>Audio</b>	5 watt stereo with acoustic chambers
<b>Computer compatibility</b>	UXGA, 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>Video/audio interfaces</b>	M1-DA/mini phone plug; VGA input (2x)/mini phone plug (2x); VGA output/stereo RCA; S-video input/stereo RCA; composite video input/stereo RCA; component video input – 3 RCA (YPbPr)/stereo RCA; BNC (RGsB, RGBS, RGBHV, YPbPr)/stereo RCA
<b>Video compatibility</b>	VGA, DVI, S-video, Composite video, Component video, BNC
<b>External I/O Ports</b>	HP Digital Projector xp8010: Standard Connectivity Module: USB (compatible with USB 2.0 specifications) Type B for remote; LAN (RJ45); Control (RS232) HP Digital Projector xp8020: Advanced Connectivity Module: 2 x USB (compatible with USB 2.0 specifications) Type B for keyboard/mouse; LAN (RJ45); Control (RS232); 2 x Type-II CompactFlash slots for wireless (ad-hoc/infrastructure) connectivity or presenting from storage device
<b>Power</b>	100-120 V, 200-240 V at 50-60 Hz; battery backup for time/date
<b>Lamp</b>	HP Digital Projector xp8010: 250 watt P-VIP lamp (1.3 mm); 2,000 hours life, 4,000 hours in lamp saver mode HP Digital Projector xp8020: 300 watt P-VIP lamp (1.3 mm); 2,000 hours life, 4,000 hours in lamp saver mode Lamp power supply is automatically shut-off when door is open
<b>Operating environment</b>	Operating temperature: 10 to 40° C; operating humidity: 80% RH (max, 10 to 40° C, non-condensing)
<b>Mounting capability</b>	Ceiling, tripod, tabletop
<b>Warranty</b>	3 year pick-up and return for Europe, Middle East and Africa. 90 day standard bulb warranty. Within the bulb warranty period, defective bulbs will be replaced via overnight shipment.

## Ordering information

<b>L1575A</b>	HP Digital Projector xp8010; AC 3-conductor power cord, 3 m; VGA cable; wireless remote control with mouse function and laser pointer; multi-language user's guide (CD-ROM); multi-language quick start card; 2 batteries; lens cap; cable shroud, warranty card
<b>L1576A</b>	HP Digital Projector xp8020 with Advanced Connectivity Module; AC 3 conductor power cord, 3 m; VGA cable; wireless remote control with mouse function and laser pointer; multi-language user's guide (CD-ROM); multi-language quick start card; 2 batteries; lens cap; cable shroud, warranty card
<b>Lamp</b>	
<b>L1582A</b>	250 watt comp P-VIP bulb – xp8010
<b>L1583A</b>	300 watt comp P-VIP bulb – xp8020
<b>Cables</b>	
<b>L1514A</b>	Cable VGA/USB-to-M1-AD – 1.8 m
<b>L1529A</b>	Cable DVI/USB-to-M1-AD – 1.8 m
<b>L1588A</b>	Cable SCART-to-M1-AD – 1.8 m
<b>L1589A</b>	Cable BNC-to-M1-AD – 1.8 m
<b>Connectivity</b>	
<b>L1581A</b>	Advanced Connectivity Module – xp8010
<b>L1640B</b>	802.11b CompactFlash – Channel 1-13
<b>Other accessories</b>	
<b>L1578A</b>	Lens Ultra wide angle 1.67:1 to 2.0:1
<b>L1580A</b>	Lens Long throw 2.4:1 to 2.88:1
<b>L1584A</b>	Soft Carry Case – xp8000 series
<b>L1585A</b>	Hard Carry Case – xp8000 series
<b>L1590A</b>	Ceiling Mount – xp8000 series
<b>L1586A</b>	Remote Control, Wireless (IR) Smart
<b>L1642A</b>	Cable Extended IR Receiver 50 FT
<b>L1646A</b>	Gyration RF Remote Control
<b>L1671A</b>	Screen, 50" Presenter

<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.

DLP™ technology by Texas Instruments offers crystal clear images with superior quality



©2004 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP Products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Published in EMEA 05/04 5982-6048EEE

