



hp digital
projector xb31

hp digital projector xb31

Project the highest quality image with the most versatile, HP digital projector xb31. This small, quiet, ceiling mountable XGA projector provides best-in-class brightness to give you brilliant image quality, from your briefcase to the boardroom.

Ideal for mobile professionals and small work groups who need to project high quality, worry-free professional presentations to internal and external audiences in a variety of venues: from small meeting and conference rooms to large venues.

Project the sharpest, clearest and brightest image with the best-in-class HP digital projector xb31.

- Project an ultra-bright, high-quality image with optimal clarity and sharpness in any setting, even with the room lights switched on. This is made possible by an industry-leading 1500 lumens of brightness. See deep blacks and full, rich colours in the clearest, sharpest, and most accurate images, achieved by a very high contrast ratio of 1800 to 1 and true XGA (1024 x 768) resolution.

Be flexible – the ceiling mountable HP digital projector xb31 is small enough to fit your briefcase.

- Pack, go and present when and where you need to. Weighing just 1.6 kg, this lightweight, fully featured projector fits easily into your briefcase. Thanks to its industry-leading picture quality and the optional ceiling mount kit, the xb31 combines the best of the mobile and conference room projector in one design. This makes it the ideal projector for customers wanting to standardise on a single model company-wide, simplifying asset management and reducing total cost of ownership.

Present with confidence as this quiet, easy-to-use projector is simple to set up and operate.

- To simplify set-up and use, the projector automatically detects computer signal input and re-sizes images to a full screen, giving you the flexibility to switch sources quickly and easily. Presentation set-up is very easy as the projector is equipped with automatic image synchronisation for easy tracking, frequency, and position adjustment. Enjoy the freedom to move about the room using a wireless remote controller with USB mouse function and a laser pointer during presentations.



hp digital projector xb31

hp digital projector xb31



technical specifications

| | |
|---------------------------------------|---|
| brightness | 1500 comparable lumens/1200 ANSI lumens |
| display resolution | True XGA (1024 x 768) |
| resolutions supported through scaling | Will automatically scale up from VGA and SVGA or scale down from SXGA to fill screen. Will scale from Macintosh® 832 x 624 and 1152 x 870. |
| weight | 1.6 kg |
| dimensions (w x d x h) | 226.5 x 183.6 x 67.75 +/- 1 mm |
| images technology | Single-panel 0.55" 12° DDR DMD SVGA projection system (TI DLP™). |
| image contrast | 1800:1 contrast ratio (JBMA full on/full off; 400:1 ANSI checkerboard). |
| noise level | 32 dB(A) peak, under 25° C. 35 dB(A) typical, under 25° C. |
| colour | 16.7 million 0.256 < x < 0.316; 0.293 < y < 0.353 |
| uniformity | 75% or better. |
| lens | F/2.44 ~ 2.69; f=28.8 ~ 34.5 mm; 1.2x manual zoom lens. |
| projection size | Adjustable from 0.7 to 7.5 m (diagonal). |
| throw distance | 1.14 to 12 m |
| display scan frequency | Horizontal frequency: 15 to 70 kHz, Vertical frequency: 43 to 85 Hz. |
| offset | 128% of image above the centre line. |
| keystoning | ±16° (32° total) Advanced electronic keystone correction. |
| signal interface | XGA, SVGA, VGA, MAC. |
| user interface | Wireless remote controller with USB mouse function and laser pointer. Lamp broken: red; power: blue; temperature warning: red. User-friendly multi-lingual On Screen Display. Power, menu, down arrow, up arrow, right arrow; auto image, left arrow; source. |
| certifications | FCC Part 15, Class B, CE-Class B, VCC Class B, BSMI, UL, CUL, TÜV-GS; approvals pending. |
| adjustable features | Image optimisation, brightness, contrast, positioning, keystone correction, digital zoom, clock, clock phase, colour temperature, picture control, HDTV, menu location, control, lamp saver, lamp hours, lamp hours reset, standby lamp delay, serial number, factory test, image control (upside down, reverse, upside down and reversed). |
| audio | Built-in 2 watt speaker. |
| video compatibility | Built-in full-screen NTSC/PAL/SECAM video through S-video composite, component, or HDTV (up to 1080i) connections. |
| power consumption | 220 watts |
| power supply | Universal AC 100-240V, 50/60 Hz with PFC input. |
| lamp | 150 watt compact P-VIP lamp (user replaceable part no. L1516A). Lamp power supply is automatically shut-off when door is open. |
| operating environmental | Operating temperature: 10 to 40° C; operating humidity: 80% RH; storage temperature: -20 to 60° C |
| warranty | Accessories: 90-day on accessories; Lamp: 90-day; Projector: 3 year parts & labour with pick-up and return service; Support: HP Web support, 3 year phone support. |

ordering information

| | |
|---------------|--|
| I1511a | hp digital projector xb31 vesa m1-a-to-d-sub and usb cable (1.8 m), 4-pin s-video-to-4-pin s-video cable (1.8 m), rca jack-to-rca composite-video cable (1.8 m), 2.5 mm jack-to-2.5 mm jack audio cable, wireless remote control with mouse function and laser pointer, multi-language user's guide (CD-ROM), multi-language quick start card, two batteries, tethered lens cap, carrying bag |
|---------------|--|

| | |
|--------------------|-------------------------------|
| accessories | |
| I1515a | lamp module |
| I1523a | HDTV/USB to M1-A cable |
| I1529a | DVI/USB to M1-D cable (1.8 m) |

<http://www.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 5222, **Estonia:** (+372) 6505 263, **Finland:** (09) 88721, **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:** (370) 2 787 333, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 zl + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (2711) 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-250205611, **Spain:** (91) 6311600, **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, **Yugoslavia:** +381 11 322 80 14.



The information contained in this document is subject to change without notice. DLP™ technology made by Texas Instruments. All other products mentioned herein may be trademarks of their respective companies. Microsoft, Windows and MS Windows are U.S. registered trademarks of Microsoft Corporation.

© Copyright Hewlett-Packard 2002
Printed in the EU 09/02
5981-3162EEE