



hp digital projector sb21

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Present a high quality image with the extremely compact HP digital projector sb21. Designed to give you the ultimate in mobility, this affordable, easy-to-use digital projector provides bright, sharp, clear images every time, whatever the setting.

Ideal for mobile professionals and small work groups, who travel extensively and need a highly portable projector at reasonable cost, for worry-free professional presentations to internal and external audiences in a variety of venues: from small offices to executive board rooms.

Its light weight, compact design and versatile connections make this projector ideal for mobile use.

- Pack, go and present when and where you need to. Weighing just 1 kg, this small, lightweight, fully equipped projector is easily portable and fits into a briefcase. Connect to any input source as the projector is equipped with built-in, full-screen NTSC/PAL/SECAM video capability, for compatibility with S-video, composite, component, and HDTV terminals. Easily adapts to any presentation setting with XGA, SVGA, VGA, and MAC compatibility from one DV-I input terminal.

Project sharp, clear and bright images with the affordable HP digital projector sb21.

- Project a bright, high-quality image with optimal clarity and sharpness in any setting, even with the room lights switched on, made possible by 1000 lumens of brightness on your affordable HP digital projector sb21. Your presentation will look as good projected as it does on your computer screen. See deep blacks and rich, full colours in the clearest, sharpest, and most accurate images achieved by a very high contrast ratio of 1800 to 1 and true SVGA (800 by 600) resolution.

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.



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technical specifications

brightness	1000 comparable lumens/800 ANSI lumens
display resolution	True SVGA (800 x 600)
resolutions supported through scaling	Will automatically scale up from VGA or scale down from XGA to fill screen. Will scale from Macintosh® 832 x 624 and 1152 x 870.
weight	1.0 kg
dimensions (w x d x h)	200.7 x 141 x 60.38 +/- 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 0.259 < x < 0.319; 0.291 < y < 0.351
uniformity	75% or better.
lens	F/2.4; f21.9 mm fixed focal lens.
projection size	Adjustable from 0.6 to 6.2 m (diagonal).
throw distance	1.0 to 12 m
display scan frequency	Horizontal frequency: 15 to 70 kHz, Vertical frequency: 43 to 85 Hz.
offset	120% of image above 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 hours, lamp hours reset, standby lamp delay, serial number, factory reset, image control (upside down, reverse, upside down and reversed).
video compatibility	Built-in full-screen NTSC/PAL/SECAM video through S-video composite, component, or HDTV (up to 1080i) connections.
power consumption	160 watts
power supply	Universal AC 100-240V, 50/60 Hz with PFC input.
lamp	120-watt compact P-VIP lamp (user replaceable part no. L1515A). 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: 2 year parts & labour with pick-up and return service; Support: HP Web support, 2 year phone support.

ordering information

I1510a hp digital projector sb21
AC power cord (1.8 m), vesa m1-a-to-d-sub and USB cable (1.8 m), vesa m1-d-to-dv-i and USB cable (1.8 m), USB mini-b 5 pin-to-4-pin s-video cable (1.8 m), 2.5 mm jack-to-rca composite video cable (1.8 m), 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

I1513a ceiling mount connector
I1515a lamp module
I1523a HDTV/USB to M1-Acable
I1529a DVI/USB to M1-D cable (1.8 m)

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



<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 zł + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (27)11 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-2-50205611, **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.

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