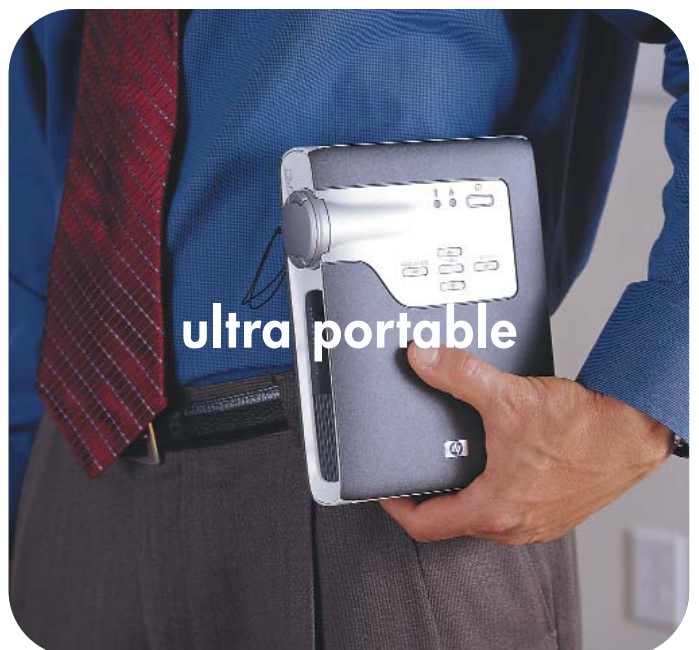


# hp digital projectors sb21 / xb31



HP digital projectors are suited for all professionals. It is outstandingly versatile with an unbeatable mobility - light-weight and easy-to-set-up. HP digital projector is the perfect travelling companion for a mobile professional's presentation needs, either for use in high-powered business presentations or for any discussions and meetings. Catering to a group from 10 to 100 people, there is always one HP digital projector to suit every need and budget.



## technical specifications

hp digital projector	xb31	sb21
		
<b>projection system</b>	Digital Light Processing™ (DLP™)	Digital Light Processing™ (DLP™)
<b>brightness</b>	1500 comparable lumens	1000 comparable lumens
<b>resolution</b>	true XGA (1024 x 768), interpreted SXGA (1280 by 1024) resolution; 16.7 million colours	true SVGA (800 x 600), interpreted XGA (1024 by 768) resolution; 16.7 million colours
<b>contrast</b>	1800:1 JBMA (full on/full off)	1800:1 JBMA (full on/full off)
<b>colour</b>	16.7 million	16.7 million
<b>uniformity</b>	85% (JBMA) optics	85% (JBMA) optics
<b>projection</b>	F/2.44~2.69, f=28.8~34.5 mm 1.2 by manual zoom lens	F/2.4, f=22.4 mm fixed focal lens
<b>throw distance</b>	3.7 to 39.4 feet (1.14 to 12 m)	3.3 to 39.4 feet (1.0 to 12 m)
<b>lens</b>	optical zoom; manual focus	digital zoom; manual focus
<b>video compatibility</b>	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, 720p, 1080i	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, 720p, 1080i
<b>computer compatibility</b>	UXGA, XGA, SVGA, VGA, MAC	XGA, SVGA, VGA, MAC
<b>audio</b>	built-in two-watt speaker	n/a
<b>acoustic noise</b>	32 dBA peak under 25° C; 35 dBA typical under 25° C; 39 dBA maximum under 40° C	32 dBA peak under 25° C; 35 dBA typical under 25° C; 39 dBA maximum under 40° C
<b>lamp</b>	150-watt compact P-VIP lamp (user replaceable)	120-watt compact P-VIP lamp (user replaceable)
<b>power supply</b>	Universal AC 100-240V, 50/60 Hz with PFC input	Universal AC 100-240V, 50/60 Hz with PFC input
<b>product certification</b>	FCC Part 15, Class B; CE-Class B; VCC Class B; BSMI; UL; CUL; TÜV-GS	FCC Part 15, Class B; CE-Class B; VCC Class B; BSMI; UL; CUL; TÜV-GS
<b>environmental range</b>	operating: 50 to 104° F (10 to 40° C) storage: - 4 to 140° F (-20 to 60° C)	operating: 50 to 104° F (10 to 40° C) storage: - 4 to 140° F (-20 to 60° C)
<b>dimensions (w x d x h)</b>	8.92 x 7.23 x 2.67 inches (226.5 x 183.6 x 67.75 mm)	7.9 x 5.55 x 2.3 inches (200.7 x 141 x 60.38 mm)
<b>weight (approximate)</b>	3.5 lb (1.6 kg)	2.2 lb (1 kg)
<b>model part numbers</b>	L1511A	L1510A
<b>what's in the box</b>	hp digital projector xb 31 standard accessories: <ul style="list-style-type: none"> <li>• VESA M1-A-to-D sub and USB cable (1.8 m)</li> <li>• 4-pin S-video-to-4-pin S-video cable (1.8 m)</li> <li>• RCA jack-to-RCA composite video cable (1.8 m)</li> <li>• 2.5 mm phonejack-to-2.5 mm phonejack audio cable</li> <li>• wireless remote control with mouse function and laser pointer</li> <li>• two batteries</li> <li>• tethered lens cap</li> <li>• carrying bag</li> <li>• multi-language user's guide (CD-ROM)</li> <li>• multi-language quick start card</li> <li>• support information data sheet</li> </ul>	hp digital projector sb 21 standard accessories: <ul style="list-style-type: none"> <li>• AC power cord (1.8 m)</li> <li>• VESA M1-A-to-D sub and USB cable (1.8 m)</li> <li>• USB Mini-B 5-pin-to-4-pin S-video cable (1.8 m)</li> <li>• 2.5 mm phonejack-to-RCA composite video cable</li> <li>• wireless remote control with mouse function and laser pointer</li> <li>• two batteries</li> <li>• tethered lens cap</li> <li>• carrying bag</li> <li>• multi-language user's guide (CD-ROM)</li> <li>• multi-language quick start card</li> <li>• support information data sheet</li> </ul>

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authorised dealer

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