LUXEON
simply brilliant

P680

LUXEON P680
LCD UltraPortable Projector



» P680

- Native XGA Resolution
- Superior Performance at 2500 lumens
- Portable at 9.9lbs.
- Contrast Ratio (350:1)
- HDTV Ready
- Whisper Mode for quiet operation and extended lamp life
- Vertical & Horizontal Keystone Correction
- Digital DVI & RGB Inputs
- FCC Class B
- "My Screen" (User Programmable Start-up)
- Directional IR Sensor
- 3 year standard warranty

P680



The LUXEON P680 LCD XGA multimedia projector offers the best value in its class. Combing ultra portablity with superior 2500 lumens in brightness and maximum resolution at SXGA, the P680 delivers marvelous image quality. Included are an infra-red remote control with laser pointer and mouse function. Other features included are digital zoom and freeze function as well as keystone correction impress demanding users and audience.



Input/Output Terminals



Adjustable Zoom and Focus Ring

LUXEON™

1-866-4-LUXEON

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Laser Type: Class II
Wavelength: 645nm
Output: 1mW

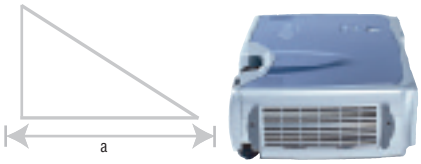
SPECIFICATIONS

Display Technology	Three 0.9-inch Poly-Silicon LCD	
Number of Pixels	2,359,296 total pixels; (1024 x 768) x 3	
Resolution	XGA 1024 x 768 (native), SXGA 1280 x 1024 (compressed)	
Color Reproduction	16.7 million True Color (24 bit)	
Contrast Ratio	350:1 (full on/off)	
Brightness	2500 ANSI Lumens (typical)	
Lamp (Life)	250W UHB (2000 hours)	
Lens	Manual zoom (1:1.3) and manual focus; f 36.8~47.8mm, F1.74~2.08	
Screen Size (diagonal)	37.5 in. ~ 375 in. (0.95m ~ 9.53m)	
Projection Distance	3.9 ft. ~ 51.5 ft. (1.2m ~ 15.7m)	
Digital Keystone Correction	Vertical: +/-15 degrees; Horizontal: +/-5 degrees	
RGB Input Signal	Signal	0.7 Vpp/75 Ohm
	Sync.	Separate TTL level
	Horizontal Frequency	31 ~ 80 kHz
	Vertical Frequency	56 ~ 120 Hz
Compatibility	RGB Analog	VESA® 1280x1024 @75/60Hz , VESA® 1280x960 @60Hz, VESA®1152x864 @75Hz VESA® 1024x768 @85/75/70/60Hz, VESA® 800x600 @85/75/72/60/56Hz, VESA® 640x480 @85/75/72/60Hz, Super VGA, VGA, Macintosh, Power Mac and more
	RGB Digital	Digital Visual Interface (DVI), up to 1280x1024 resolution
	Video	NTSC/NTSC 4.43, PAL B/D/G/H/I/M/N/60, SECAM B/D/G/H/K/L,
	Component Video	480i,575i,HDTV (480p, 1080i, 720p)
Input / Output Terminals	RGB (Analog) in	D-sub HD 15-pin x 2
	RGB (Analog) out	D-sub HD 15-pin x 1
	RGB Digital in	DVI-D x 1
	Component Video in	RCA jacks (3) x 1
	S-Video in	Mini DIN 4-pin x 1
	Video (Composite) in	RCA jack x 1
	Audio in	Stereo mini jack x 2/ RCA jacks (2) x 1
	Audio out	Stereo mini jack x 1
	USB out	Type B receptacle x 1
	Control	D-sub 15-pin x 1 - Mouse serial, PS/2, ADB),RS-232C
OSD Controls	Keystone, Magnify, Freeze, Input Select, Position, Reset, Volume, Mute, Brightness, Contrast, V-Position, H-Position, H-Phase, H-Size, Sharpness, Color, Tint, Red Color Balance, Blue Color Balance, Aspect Ratio, Input (Auto, RGB, Video, HDTV), Blank Start up Screen, MyScreen, Mirror, PIP Position, PIP Input, Gamma, Menu Select, Menu Color, Language, Auto Off, Sync-On-Green, Whisper Mode, IR Sensor Select	
Remote Control Features	Wireless infra-red remote with laser pointer, mouse function, power and full OSD controls	
Built-in Speaker(s)	1W x 2 stereo	
Installation Options	Front, front ceiling, rear	
Plug & Project	VESA® DDC 1/2B	
Security Lock	Kensington® MicroSaver Security System	
Dimension (w x h x d)	14.2 in. x 4.2 in. x 10.1 in. (360mm x 106mm x 257mm)	
Net Weight	9.9 lbs. (4.5 kg)	
Power Supply	Input : 100~120V/220-240V AC, 60/50Hz, auto-switching	
Power Consumption	On : <410W; Whisper Mode : 360W	
Audible Noise Level	36 dB (nominal room condition)	
Safety & Regulatory Compliance	FCC-B, UL60950, C-UL(CSA), TUV EN60950, ENG1000-3-2, EN61000-3-3, EN55022, EN55024	
Environmental Conditions	Operating Temperature	32˚F to 95˚F (0˚C to 35˚C)
	Operating Humidity	10 to 85% (no condensation)
Supplied Accessories	Remote control w/laser pointer and 2AA batteries, soft carrying case, lens cap, power cord (3m), analog RGB 15-pin mini D-sub cable (2m), RCA Component Cable (3m), S-video cable (3m), stereo mini-jack cable (3m), PS/2 mouse cable (3m)	
Optional Accessories	Replacement lamp unit, ceiling mount kit, DVI-D cable (2m), RCA composite video cable (3m), USB cable (2m)	
Warranty	Standard three year limited warranty, 90-day lamp warranty	

* Specification subject to change without prior notice.

Screen Size (inches) Diagonal	Min (a)	Max (a)
40	62	82
60	94	123
80	127	164
100	160	205
120	192	246
150	241	308
200	323	411

Projection Distance and Diagonal Screen Size



a: Distance from the LCD projector to the screen.
The projection distance shown in the table below are for full size.