

BenQ Digital Projector Specifications

SP820



HIGHLIGHTS

- **4000 AL Ultra High Brightness**
- **2000:1 High Contrast Ratio**
- **XGA Native Resolution**
- **Golden Ratio Color Wheel (5 Segments)**
- **Convenient Grip Handle**
- **Independent Color Management**
- **8 sets of Application Modes**
- **Power Saving "Auto Off"**
- **Horizontal + Vertical Position Shift (Electronic)**
- **Adjustable Translucent OSD Menu**
- **Security Password Function**
- **Freeze**
- **Blank**
- **Digital Zoom**
- **HDTV Compatible**

Projection System	DLP™ technology by Texas Instruments®	
Panel	XGA DMD™ x 1	
Native Resolution	XGA (1024 x 768)	
Brightness	4000 ANSI lumens	
Contrast Ratio	2000:1 (Full on/Full off)	
Aspect Ratio	4:3 Native, 16:9 Selectable	
Color	Full 16.7 billion color palette	
Lens	F=2.6 to 2.8, f=26.0 to 29.8 mm	
Zoom Ratio	Manual Zoom, 1.15:1	
Image Size (Diagonal)	31" to 300"	
Throw Ratio	1.8 to 2.1 (55"@2m)	
Lamp	280W, 2000/3000 hours (Normal/Economic mode)	
Computer Compatibility	VGA(640 x 350) to SXGA+ (1400 x 1050)	
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i	
Video Compatibility	NTSC, PAL, SECAM	
Horizontal Frequency	31-90 kHz	
Vertical Scan Rate	50-85 Hz	
Input Terminals	PC	Analog RGB: D-sub 15 pin x 1(shared) DVI-D
	A/V	Component Video: D-sub 15 pin x 1(shared) S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1
	Audio	Audio I: RCA L& R x 1 set Audio II: Mini jack x 1
Output Terminal	PC	Analog RGB: D-sub 15 pin x 1
	Audio	3 Watt Speaker x 1 Mini jack x 1
Control Terminal	USB Connector: USB x 1, Type mini B	
	RS232: D-sub x 1 12V Trigger:	
Dimensions(L x W x H)	300x 244 x 88 mm)	
Weight	8.2 lbs (3.73 kg)	
Power Supply	90 to 240 VAC, 50 to 60 Hz	
Power Consumption	Max 350W	
Audible Noise	31/33 dB (Normal/Economic mode)	
On-Screen Display languages	English/ French/ German/ Italian/ Spanish/ Russian / Traditional Chinese/ Simplified Chinese/ Japanese / Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese / Thai / Polish	
Application Modes	PC Input:	A/V Input :
	Dynamic	Dynamic
	Presentation	Presentation
	Cinema	Cinema
Functions	Standard	Standard
	Freeze	Digital zoom
	Blank	Independent Color Mgmt
	Auto Off	H+V Position Adjustment
	Security Password	Translucent Menu
Accessories (Standard)	HDTV Compatible	Grip Handle
	User's Manual CD	VGA Cable
	Quick Start Guide	USB cable
	Remote Control	PC Audio Cable
Accessories (Optional)	Battery for R/C	Power Cord
	Lamp Module	RCA L/R Audio Cable
	Composite Video cable	Component video cable
	S-video Cable	