

# BenQ Digital Projector

## 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**
- **10 sets of Application Modes**
- **Power Saving "Auto Off"**
- **Horizontal + Vertical Position Shift**
- **Adjustable Translucent OSD Menu**
- **Security Password Function**
- **Digital Zoom**
- **HDTV Compatible**

### Specifications

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
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	36/33 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	<b>PC Input:</b>	<b>A/V Input :</b>
	Presentation	Presentation
	Dynamic	Dynamic
	Cinema	Cinema
	Gaming	Gaming
Standard	Standard	
Functions	Freeze	Independent Color Mgmt
	Auto Off	H+V Position Adjustment
	Security Password	Translucent Menu
	HDTV Compatible	Grip Handle
	Digital zoom	
Accessories (Standard)	User's Manual CD	VGA Cable
	Quick Start Guide	USB cable
	Remote Control	PC Audio Cable
	Battery for R/C	Power Cord
Accessories (Optional)	Lamp Module	RCA L/R Audio Cable
	Composite Video cable	Component video cable
	S-video Cable	