

BenQ Digital Projector Specification

SP870



HIGHLIGHTS

- **Ultra High Brightness**
- 5000 ANSI Lumens**
- **High Contrast Ratio 2000:1**
- **BrilliantColor™**
- **UNISHAPE™**
- **Presentation Timer**
- **Panel Key Lock**
- **Wall Color Correction**
- **3D Color Management**
- **Power on/off Ring Tone**
- **Golden Ratio Color Wheel**
- **"Q?" Hot Key for FAQ**
- **Quick Cooling**
- **Quick Auto Search**
- **11 Sets of Picture Mode**
- **Power saving "Auto Off"**
- **Security Password**
- **My Screen**
- **High Altitude Mode**
- **HDCP Compatible**
- **12V trigger**
- **Lamp Care**

Projection System	DLP™ technology by Texas Instruments®	
Panel	XGA DDR DMD™ x 1	
Native Resolution	XGA (1024 x 768)	
Brightness	5000 ANSI lumens	
Contrast Ratio	2000:1 (Full on/Full off)	
Aspect Ratio	4:3 Native, 16:9 Selectable	
Color	Full 16.7 million color palette	
Lens	F=2.4~2.7, f=38.87~46.63mm	
Zoom Ratio	Manual Zoom, 1.15:1	
Image Size (Diagonal)	40" to 300"	
Throw Ratio	60"@2M (60"@6.6 feet)	
Lamp	360W, 2000/3000 hours (Normal/Economic mode)	
Computer Compatibility	VGA(640 x 350) to SXGA(1280 x 1024)	
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i	
Video Compatibility	NTSC, PAL, SECAM	
Horizontal Frequency	31-93 kHz	
Vertical Scan Rate	48-85 Hz	
Input Terminals	PC	Analog RGB: D-sub 15 pin x 1
	A/V	Component Video: RCA x 3 S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1 DVI-D(HDCP support) x 1
		Audio
Output Terminal	PC	12V Trigger D-sub (15 pin) X 1
	Audio	2 Watt Speaker x 2
Control Terminal	Serial Connector : RS232 8 pin MINI DIN USB Connector : USB x 1 (Type mini B) Wired Remote jack x 1	
Dimensions(W x H x D)	375 x 115 x 277 mm (14.8 x 4.5 x 10.9 inch)	
Weight	4.9 kg (10.8 lbs)	
Power Supply	100 to 240 VAC, 50 to 60 Hz	
Power Consumption	Max 510W	
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	
Picture Modes	PC Input: Dynamic Mode Presentation Mode sRGB Mode Cinema Mode User 1 Mode User 2 Mode	A/V Input : Dynamic Mode Standard Mode Cinema Mode User 1 Mode User 2 Mode
	3D Color Management Quick Auto Search Time Controller Presentation Timer Power On/Off Ring Tone Panel Key Lock Resolution Reminder 11 sets of Picture Mode "Q?" Hot Key for FAQ Detachable Keypad Freeze Off & Go	Wall Color Correction Brilliant Color UNISHAPE Blank (ECO mode) Quick Cooling Auto Off Security Password My Screen HDCP compatible HDTV compatible 12V trigger High altitude mode
Accessories (Standard)	User's Manual Quick Start Guide Manual CD Ceiling Mounting Kit	Remote control Batteries for R/C VGA cable PWR cord Spare Lamp Kit