

BenQ

SP840 High Brightness Projector



Light on presentation with Full HD



BenQ

Enjoyment Matters.

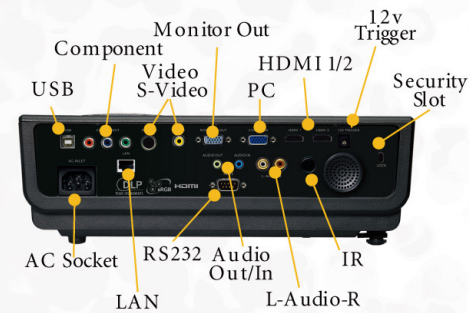
BenQ Digital Projector

SP840

- Filter Free Design
- No Color Decay
- Crestron LAN Control
- 4000 ANSI Lumens
- 1080p Native Resolution
- BrilliantColor™
- 3D Color Management
- Keystone ±20°
- 3W Speaker
- Closed Captioning
- Panel Key Lock
- Quick Cooling
- Standby Power < 1W
- Security Password
- High Altitude Mode
- HDTV Compatible
- 3D Comb Filter
- Top Access Lamp Door
- Variable Audio Out

Specifications

Projection System	DLP® technology by Texas Instruments®	
Native Resolution	1080p (1920 x 1080)	
Brightness	4000 ANSI lumens	
Contrast Ratio	3000:1 (Full on/Full off)	
Keystone	Manual Vertical ±20°	
Aspect Ratio	16:9 Native, 5 modes Selectable	
Color	Full 1.07 million color palette	
Lens	F=2.50-2.76, f=23.5mm-28.2mm	
Zoom Ratio	Manual Zoom, 1.20:1	
Image Size (Diagonal)	24" to 300"	
Throw Ratio	1.59 - 1.9 (56.8"@2m)	
Lamp	330W, 1500/2000 hours (Normal/Economic mode)	
Computer Compatibility	VGA(640 x 480) to WUXGA(1920 x 1200)	
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p/60/50/30/25/24	
Video Compatibility	NTSC, PAL, SECAM	
Horizontal Frequency	31-92 kHz	
Vertical Scan Rate	48-85 Hz	
Input Terminals	PC	Analog RGB: D-sub 15 pin x 1
		HDMI(v1.3) x 2
	A/V	Component Video: RCA x 3
		S-Video: Mini Din 4 pin x 1
		Composite Video: RCA x 1
		LAN: RJ45 x 1
	Audio	Stereo Mini Jack x 1
Audio L/R: RCA x 2		
Output Terminals	PC	Monitor Out: D-sub 15 pin x 1
	Audio	Variable Audio Out : Stereo Mini Jack x 1
		Speaker: 3W x 1
	DC 12V x 1	
Control Terminal	Serial Connector : RS232 9 pin (male)	
Dimensions(W x H x D)	325 x 95 x 254 mm (12.8 x 3.7 x 10 inch)	
Weight	3.4 kg (7.5 lbs)	
Power Supply	100 to 240 VAC, 50/60 Hz	
Power Consumption	430W, Standby < 1W	
Audible Noise	39/34 dB (Normal/Economic mode)	
On-Screen Display Languages	English/ Danish/ Finnish/ French/ German/ Italian/ Norwegian/ Polish/ Portuguese/ Russian/ Traditional Chinese/ Simplified Chinese/ Spanish/ Swedish/ Korean/ Czech/ Japanese (17 Languages)	
Picture Modes	Dynamic Mode	Standard Mode
	sRGB Mode	Cinema Mode
	User 1 Mode	User 2 Mode
	User 3 Mode	
Functions	BrilliantColor™	RoomView Compatible
	Crestron LAN Control	Wall Color Correction
	Closed Captioning	Blank
	3D Color Management	Panel Key Lock
	Resolution Reminder	Auto Off
	Digital Zoom	Security Password
	Freeze	"Q?" Hot Key for FAQ
	HDTV compatible	High altitude mode
Accessories (Standard)	Quick Start Guide	VGA(D-sub) cable
	Manual CD	Power cord
	Remote control w/battery	Soft Carry Case
Accessories (Optional)	Presentation Plus	Spare Lamp Kit
	RS232 Cable	Ceiling Mount



Accessories (Optional)



Presentation Plus

Spare Lamp Kit

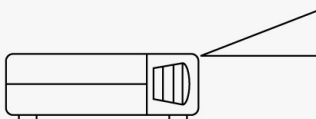


Ceiling Mount

Projection size

Screen size(inches)	80	100	120	150	200	220	250	300
Distance with max zoom(Min length)(mm)	2816	3520	4224	5280	7040	7744	8800	10560
Distance with min zoom(Max length)(mm)	3379	4224	5069	6336	8448	9293	10560	-

There is 3% tolerance these numers due to optical component verification.



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