

# BenQ

## Digital Projector

# SP890

PICTURE BY  
**DLP**  
TEXAS INSTRUMENTS



### HIGHLIGHTS

#### Amazing Image Quality

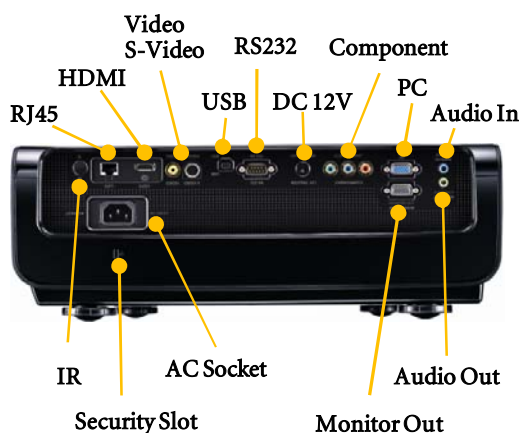
- Native Full HD 1080p
- High Brightness  
4000 ANSI Lumens
- High Contrast Ratio  
16000:1
- HQV™ Image Processor
- True pixel-by-pixel processing
- Motion-adaptive de-interlacing
- Noise Reduction
- Independent Color Control
- BrilliantColor™
- DynamicBlack™
- VIDI™

#### Ideal for Installation & Control

- H+V Lens Shift
- Zoom Ratio 1.5 : 1
- LAN Control
- Direct Power On and Off

#### Easy Maintenance

- Filter Free
- No Color Decay



Projection System	DLP® technology by Texas Instruments®	
Native Resolution	1080p (1920 x 1080)	
Brightness	4000 ANSI lumens	
Contrast Ratio	16000:1 (Full on/Full off)	
Aspect Ratio	Anamorphic/ 4:3/ Wide/ Letter Box/ Real screen selectable	
Color	Full 1.07 billion color palette	
Lens	F=2.48-2.81, f=24.1-36.1	
Zoom Ratio	Manual Zoom, 1.5:1	
Lens Shift	Vertical: ±125% / Horizontal: ±41%	
Image Size (Diagonal)	28" to 500"	
Throw Ratio	1.62 to 2.43, 55.7"@2M	
Lamp	300W, 2000/3000 hours (Normal/Economic mode)	
Computer Compatibility	VGA(640 x 350) to WUXGA(1920 x 1200)	
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p/60/50/24	
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
	A/V	HDMI(v1.3) x 1
		Component Video: RCA x 3
		S-Video: Mini Din 4 pin x 1
Audio	Stereo Mini Jack x 1	
Output Terminal	PC	Monitor Out: D-sub 15 pin x 1
	Audio	Variable Audio Out : Stereo Mini Jack x 1
	DC 12V	Speaker: 5W x 2
Control Terminal	Serial Connector : RS232 (D-sub 9pin) x 1	
	LAN Control : RJ45 x 1	
	USB Connector : USB x 1 (Type mini B, for service only)	
Dimensions(W x H x D)	428 x 156 x 345 mm	
Weight	7.2 kg (15.9lbs)	
Power Supply	100 to 240 VAC, 50 to 60 Hz	
Power Consumption	Typical 440W, Standby<1W	
Audible Noise	36/33 dB (Normal/Economic mode)	
On-Screen Display Languages	ENGLISH/ 繁體中文/ FRANÇAIS/ ESPAÑOL/ DEUTSCH/ ITALIANO/ 简体中文/ 한국어/ 日本語/ РУССКИЙ/ Nederlands/ Português/ svenska/ čeština/ polski/ ไทย/ Türkçe	
Picture Modes	Cinema/Dynamic/Presentation/sRGB/User 1/User 2	
Functions	Full HD 1080p Resolution	True pixel-by-pixel processing
	HQV™ Image Processor	Motion-adaptive de-interlacing
	BrilliantColor™	Noise Reduction
	DynamicBlack™	Independent Color Control
	H+V Lens Shift	PIP
	Direct Power On and Off	LAN Control
	Closed Caption	3D Comb Filter
	User Manual CD	Power Cable
Accessories (Standard)	Quick Start Guide	Component Video Cable
	Remote Control	D-sub cable
	Batteries	
Accessories (Optional)	Ceiling Mounting Kit	Spare Lamp Kit

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