

PROFESSIONAL
PROJECTOR

SP890

1080P HIGH BRIGHTNESS



Features

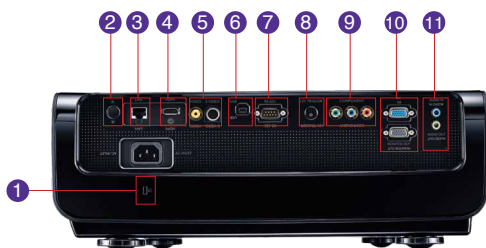
- Native Full HD 1080p (1920 x 1080)
- 4000 ANSI Lumens, 50000:1 Contrast Ratio
- HQV™ Image Processor, True Pixel-by-Pixel
- H+V Lens Shift, 1.5 Big Zoom, 2D Keystone
- HDMI x1, RJ45 x1 (LAN Control)

Top / Front View



Input and Output Terminals

Back



- | | |
|--------------------|------------------------|
| 1 Security Slot | 6 USB Mini-B x1 |
| 2 IR x1 | 7 RS-232 x1 |
| 3 RJ45 (LAN) | 8 12V Trigger x1 |
| 4 HDMI x1 | 9 Component (RCA) |
| 5 Video/S-Video x1 | 10 RGB Input/Output x1 |
| | 11 Audio In/Out x1 |

Specifications

Native Resolution	1080p (1920 x 1080)
Brightness	4000 ANSI Lumens
Contrast Ratio	50000:1 (Full on/Full off)
Keystone	Manual 2D H+V Keystone +/- 30°
Aspect Ratio	Anamorphic/16:9 Wide/Letter Box/Real Screen Selectable
Color	Full 1.07 Billion colors 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" - 500"
Throw Ratio	1.62 to 2.43 (55"@ 6.5 Feet)
Lamp Life	300W, 2000/3000 hours (Normal/Eco-Mode)
PC 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/AV	Analog RGB: D-Sub 15 Pin x1 HDMI (v1.3) x1 Component Video: RCA x3 S-Video: Mini Din 4 Pin x1 Composite Video: RCA x1 Stereo Mini-Jack x1
Output Terminals PC/AV	Analog RGB: D-Sub 15 Pin x1 Variable Audio Out: Stereo Mini-Jack x1 Speaker: 5W Speaker x2, 12V Trigger x1
Control Terminals	Serial Connector: RS-232 9 Pin x1, RJ45 (LAN Control) USB Connector: USB x1 (Type Mini B)
Dimensions (W x H x D)	16.9" x 6.14" x 13.6"
Weight	15.9 lbs (7.2 kg)
Power Supply	100 to 240 VAC, 50/60 Hz
Power Consumption	Max 470W, Standby <1W
Noise Level	30/33 dBA (Normal/Eco-Mode)
Display Languages	English/French/German/Italian/Spanish/Russian/Traditional Chinese/Simplified Chinese/Japanese/Korean/Swedish/Dutch/Turkish/Czech/Portuguese/Thai/Polish
Picture Mode	Dynamic Mode/Presentation Mode/sRGB Mode/Cinema Mode/User 1 Mode/ User 2 Mode
Functions	Full HD 1080p Resolution/True Pixel-by-Pixel Processing/HQV™ Image Processor/Motion-Adaptive De-Interlacing/BrilliantColor™/Noise Reduction/DynamicBlack™/H+V Lens Shift/Independent Color Control/PIP/Direct Power On and Off/LAN Control/Closed Caption/3D Comb Filter/Window 7 Compatible
Accessories (Standard)	Quick Start Guide/User's Manual/Manual CD/Remote Control/Batteries /VGA Cable/Power Cord
Accessories (Optional)	Presentation Plus/Spare Lamp Kit/Ceiling Mount Kit
Lamp P/N	5J.J2805.001
Limited Warranty	4-Year Parts & Labor/ 1-Year or 2000 hours of lamp life

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