

Specifications

<b>Model Name</b>	SP820
<b>Projection System</b>	DLP®technology by Texas Instruments®
<b>Native Resolution</b>	XGA (1024 x 768)
<b>Brightness</b>	4000 ANSI lumens
<b>Contrast Ratio</b>	2000:1 (Full on/Full off)
<b>Aspect Ratio</b>	4:3 Native, 16:9 Selectable
<b>Color</b>	Full 16.7 million color palette
<b>Lens</b>	F=2.6 to 2.8, f=26.0 to 29.8 mm
<b>Zoom Ratio</b>	Manual Zoom, 1.15:1
<b>Image Size (Diagonal)</b>	31"~300"
<b>Throw Ratio</b>	1.8~2.1 (55" @2m)
<b>Lamp</b>	280W, 2000/3000 hours (Normal/Economic mode)
<b>Computer Compatibility</b>	VGA(640 x 350)~ SXGA+ (1400 x 1050)
<b>HDTV Compatibility</b>	480i, 480p, 576i, 576p, 720p, 1080i
<b>Video Compatibility</b>	NTSC, PAL, SECAM
<b>Horizontal Frequency</b>	31-90 kHz
<b>Vertical Scan Rate</b>	50-85 Hz
<b>Input Terminals</b>	<b>PC :</b> Analog RGB: D-sub 15 pin x 1(shared) DVI-D  <b>A/V :</b> Component Video: D-sub 15 pin x 1 S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1  <b>Audio :</b> Audio I: RCA L& R x 1 set Audio II: Mini jack x 1
<b>Output Terminal</b>	<b>PC :</b> Analog RGB: D-sub 15 pin x 1  <b>Audio :</b> 3 Watt Speaker x 1 Mini jack x 1

<b>Control Terminal</b>	USB Connector: USB x 1, Type mini B RS232: D-sub x 1 12V Trigger
<b>Dimensions(L x W x H)</b>	300x 244 x 88 mm
<b>Weight</b>	8.2 lbs (3.73 kg)
<b>Power Supply</b>	90 to 240 VAC, 50 to 60 Hz
<b>Power Consumption</b>	Max 350W
<b>Audible Noise</b>	36/33 dB (Normal/Economic mode)
<b>On-Screen Display languages</b>	Czech/ Dutch/ English/ French/ German/ Italian/ Japanese/ Korean/ Polish/ Portugues / Russian/ Spanish/ Thai / Traditional Chinese/ Simplified Chinese/ Swedish/ Turkish
<b>Application Modes</b>	<b>PC Input :</b> • Presentation • Dynamic • Cinema • Gaming • Standard  <b>A/V Input :</b> • Presentation • Dynamic • Cinema • Gaming • Standard
<b>Functions</b>	• Freeze • Auto Off • Security Password • HDTV Compatible • Digital Zoom • Independent Color Mgmt • H+V Position Adjustment • Translucent Menu • Grip Handle
<b>Accessories (Standard)</b>	• User's Manual CD • Quick Start Guide • Remote Control • Battery for R/C • VGA Cable • USB Cable • PC Audio Cable • Power Cord
<b>Accessories (Optional)</b>	• Lamp Module • Composite Video cable • S-video Cable • RCA L/R Audio Cable • Component Video Cable

Projection Size



(max. Zoom)

Distance (m)	1	1.5	2	2.5	3	5	6.5	10
4:3 aspect ratio, screen (inch)	27.34	41	54.68	68.35	82	136.7	177.71	273.4
16:9 aspect ratio, screen (inch)	25	37.65	50.2	62.74	75.28	125.49	163.14	251

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Dealer's Stamp

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# A Power House Projector



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## SP820 Digital Projector



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