

PROFESSIONAL PROJECTOR | SH960+

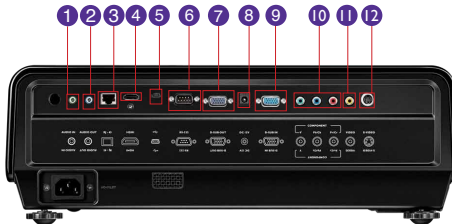


Features

- Native Full HD (1920x1080) Resolution
- 5500 ANSI Lumens, 3000:1 Contrast Ratio
- Dual Lamp Design
- H+V Lens Shift; 1.5x Zoom Ratio; 2D Keystone
- HDMI x1, RJ45 (LAN Control)
- Optional Lens Available



Input and Output Terminals



- | | |
|-------------------------|-------------------------------|
| 1 Audio In (Mini Jack) | 7 Monitor Out (D-sub 15pin) |
| 2 Audio Out (Mini Jack) | 8 DC 12V Trigger (3.5mm) |
| 3 LAN (RJ45) | 9 Computer In (D-sub 15pin) |
| 4 HDMI | 10 Component Video In |
| 5 USB Mini B | 11 Composite Video In (RCA) |
| 6 RS232 (DB-9pin) | 12 S-Video In (Mini DIN 4pin) |



Specifications

Projection System	DLP®
Native Resolution	1080p (1920 x 1080)
Brightness	5500 ANSI Lumens
Contrast Ratio	3000:1 (Full on/Full off)
Display Color	Full 1.07 Billion Colors Palette
Lens	F= 2.48~2.81, f= 24.1~36.15mm
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Throw Ratio	1.62 ~2.43 (55.7" @ 6.6 Feet)
Image Size Diagonal	28" ~ 500"
Zoom Ratio	1.5x
Lamp Type	Philips UHP 330W x2
Lamp Life (Normal/Eco Mode)	2000/3000 hours
Keystone Adjustment	2D, Vertical & Horizontal +/- 30 degrees
Projection Offset	V=125%±5%, H=40%±5%
Resolution Support	VGA (640x480) to WUXGA (1920x1200)
Horizontal Frequency	31-92 kHz
Vertical Scan Rate	23-85 Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM, PAL 60
Interface	Computer In (D-Sub 15pin) x1 Monitor Out (D-Sub 15 pin) x1 HDMI x1 Composite Video In (RCA) x1 S-Video In (Mini DIN 4pin) x1 Component Video in x1 (Shared with D-sub 15pin) Audio In (Mini Jack) x1 Audio Out (Mini Jack) x1 USB (Type Mini-B) x1 (Download) Speaker 5W x 2 (Amp. 4W) LAN (RJ45) x1 (LAN Control) DC 12V Trigger (3.5mm Jack) X1 RS232 (DB-9-pin) x1
Dimensions (WxHxD)	17.44" x 6.57" x 13.98" (443 x 167 x 355 mm)
Weight	≤29 lbs (13 kgs)
Power Supply	AC 100 to 240 V, 50/60 Hz
Power Consumption	857W (Typical), Standby <1W
Audible Noise	41/37/38/35 dBA (2 Lamp Normal/2 Lamp Eco/1 Lamp Normal/1 Lamp Eco)
On-Screen Display Languages	English/ France/ Germany/ Italian/ Spanish/ Russian/ Traditional English/ France/ Germany/ Italian/ Spanish/ Russian/ Traditional Chinese/ Simplified Chinese/ Japanese/ Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese/ Thai/ Polish/ Hungarian/ Croatian/ Romanian/ Norwegian/ Danish/ Bulgaria/ Finnish/ Indonesian/ Greek/ Hindi/ Arabic (28 Languages)
Picture Mode	Cinema/Dynamic/Presentation/sRGB/User 1/User 2
Accessories (Standard)	Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA (D-sub 15 pin) Cable, Component Cable
Accessories (Optional)	Universal Ceiling Mount: P/N: 5J.J4N10.001 Spare Lamp Kit #1 P/N: 5J.J4L05.001, #2 P/N: 5J.J4L05.021 Remote: P/N: 5J.J4L06.001 Long Throw Lens P/N: 5J.J8C14.001 Short Throw Lens P/N: 5J.J8C14.002 Standard Throw Lens P/N: 5J.J8C14.003
UPC code / Part #	8400460-2797-1 / 9H.J4L77.16Z

*Lamp life results will vary depending on environmental conditions and usage.

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SH960+ Digital Projector

Optional Lens Throw Chart

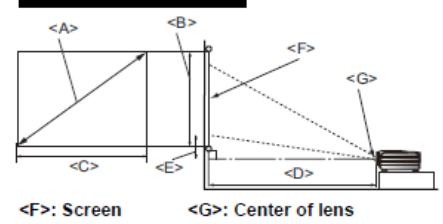
16:9 Format

Long Throw Lens P/N: 5JJ8C14.001	Focus range (m)	2.0 ~ 20.0	Image size (")	30 ~ 460	
Diagonal - Inches	Height-Inches	Width - Inches	Min(1.93) Feet	Max(2.9) Feet	Lowest/Highest Lens Position <E>
80	39.22	69.73	11.21	16.85	12
90	44.12	78.44	12.62	18.96	14
100	49.03	87.16	14.02	21.06	16
110	53.93	95.87	15.42	23.17	17
120	58.83	104.59	16.82	25.28	19
130	63.73	113.30	18.22	27.38	20
140	68.64	122.02	19.62	29.49	22
150	73.54	130.74	21.03	31.59	23

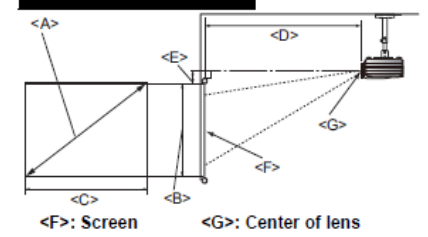
Short Throw Lens P/N: 5JJ8C14.002	Focus range (m)	0.5 ~ 3.0	Image size (")	30 ~ 175	
Diagonal - Inches	Height-Inches	Width - Inches	Fixed(.77)	Lowest/Highest Lens Position <E>	
80	39.22	69.73	4.47	12	
90	44.12	78.44	5.03	14	
100	49.03	87.16	5.59	16	
110	53.93	95.87	6.15	17	
120	58.83	104.59	6.71	19	
130	63.73	113.30	7.27	20	
140	68.64	122.02	7.83	22	
150	73.54	130.74	8.39	23	

Standard Throw Lens P/N: 5JJ8C14.003	Focus range (m)	1.5 ~ 7.0	Image size (")	35 ~ 205	
Diagonal - Inches	Height-Inches	Width - Inches	Min(1.54) Feet	Max(1.93) Feet	Lowest/Highest Lens Position <E>
80	39.22	69.73	8.95	11.21	12
90	44.12	78.44	10.07	12.62	14
100	49.03	87.16	11.19	14.02	16
110	53.93	95.87	12.30	15.42	17
120	58.83	104.59	13.42	16.82	19
130	63.73	113.30	14.54	18.22	20
140	68.64	122.02	15.66	19.62	22
150	73.54	130.74	16.78	21.03	23

Floor Installation

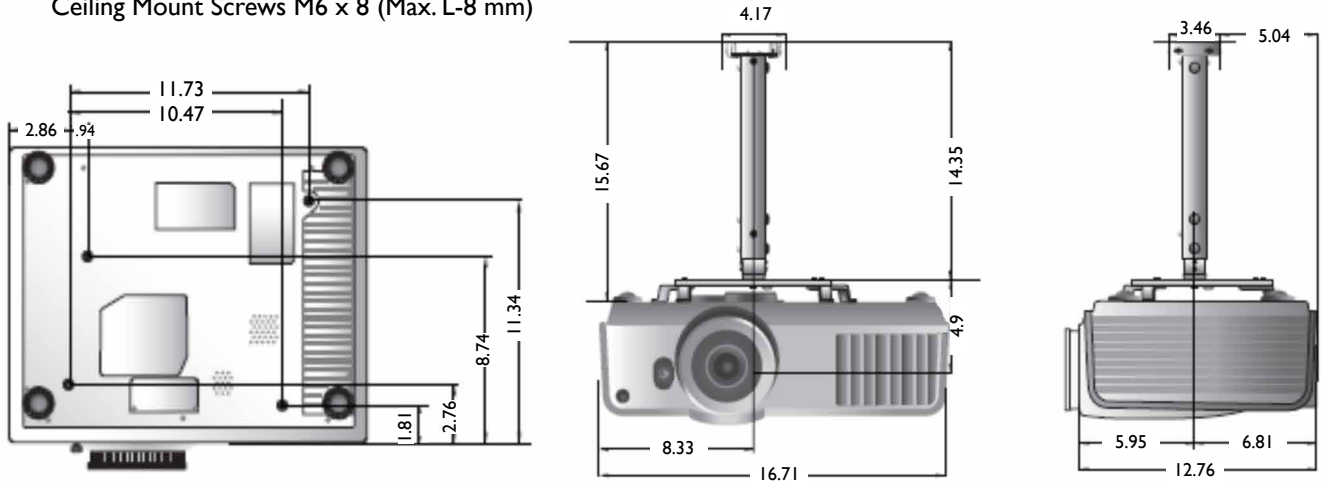


Ceiling Installation



Ceiling Mount Chart

Ceiling Mount Screws M6 x 8 (Max. L-8 mm)



Dimensions



Units: inch

