

Specifications

Model	EMP-81
Part Number	V11H157052
Projection System	Epson original 3LCD prism technology
Projection Method	Front / rear / ceiling mount
LCD	
Size	0.7" with MLA
Driving Method	Epson Poly-Silicon TFT LCD Active Matrix
Pixel Number	786,432 (1024 x 768) pixels x 3
Native Resolution	XGA
Aspect Ratio	4:3
Pixel Arrangement	Stripe
Projection Lens	
Type	Manual: Zoom / Focus
F-number	1.70-1.87
Focal Length	21.3-25.6mm
Zoom Ratio	1:1.2
Lamp	
Type	UHE 200W
Life (Typical)	2000 hours (High Brightness Mode) / 3000 hours (Low Brightness Mode)
Screen Size (Projected Distance)	30" to 300" diagonal (0.9 to 11m)
Keystone Correction	Vertical: +/- 15°
Brightness (Typical)	2000 ANSI Lumens (High Brightness Mode) / 1500 ANSI Lumens (Low Brightness Mode)
Contrast Ratio (Typical)	400:1
Brightness Uniformity (Typical)	85%
Color Reproduction	Full Color (16.7 million colors)
Speaker	5W Monoaural
Effective Scanning Frequency Range	
Pixel Clock	13.5 to 230 MHz
Horizontal	15 to 107 KHz
Vertical	50 to 120 Hz
Analog RGB Input / Output	
Display Performance	
Native	XGA (1024 x 768)
Resize	Up to UXGA (1600x1200)
Input Terminal	
Video	Mini D-Sub 15pin x 2
Audio	Stereo Mini Jack x 2
Output Terminal	
Video	Mini D-Sub 15pin x 1
Audio	Stereo Mini Jack x 1
Video Input / Output	
Display Performance	560 TV Line
Input Signal	NTSC, NTSC4.43, PAL, M-PAL, N-PAL, PAL60, SECAM SDTV / HDTV: 480i (525i), 480p (525p), 720p(750p), 1080i (1125i)
Input Terminal	
Video	RCA x 1, S-Video x 1, Component Video x 2 (Via Mini D-Sub 15pin - Analog RGB Disabled)
Audio	Stereo Mini Jack x 4 (Analog RGB Disabled)
Control Input / Output	
USB	USB Type B x 1
Serial	Mini D-Sub 9pin x 1 (RS-232C)
Operating Temperature	5°C to 35°C (41°F to 95°F)
Power Supply Voltage	100-240V +/- 10%, 50/60Hz AC
Maximum Dimension	351(W) x 272(D) x 123(H) mm
Weight	4.0 kg / 8.9 lbs
Fan Noise	30 dB (Low Brightness Mode)
Accessories	Power cord, Mini D-Sub 15-pin VGA cable, USB cable (Type A-Type B), Stereo Mini Jack to RCA audio adaptor cable, remote control (battery included), soft carrying bag, user's manual

Projection Distance

Diagonal Screen Size (inches)	Wide (cm)	Tele (cm)
30	87	106
40	117	143
60	176	215
80	235	287
100	295	359
150	444	540
200	592	721
300	890	1082