

# SPECIFICATIONS

Model	EMP-53
Part Number	V11H112052
Projection System	EPSON original LCD prism technology
Projection Method	Front / rear / ceiling mount
<b>LCD</b>	
Size	0.7"
Driving Method	EPSON Poly-Silicon TFT LCD Active Matrix
Pixel Number	480,000 (800x600) pixels x 3
Native Resolution	SVGA
Aspect Ratio	4:3
Pixel Arrangement	Stripe
<b>Projection Lens</b>	
Type	Manual: Zoom / Focus
F-number	1.70-1.87
Focal Length	21.3-25.6mm
Zoom Ratio	1:1.2
<b>Lamp</b>	
Type	UHE 165W
Life (Typical)	1500 hours
Screen Size (Projected Distance)	30" to 300" diagonal (0.9 to 10.5m)
Keystone Correction	Vertical: +/- 15°
Brightness (Typical)	<b>High Mode</b> - 1700 ANSI Lumens <b>Low Mode</b> - 1400 ANSI Lumens
Contrast Ratio (Typical)	500:1
Brightness Uniformity (Typical)	85%
Color Reproduction	Full Color (16.7 million colors)
Speaker	1W Monoaural
<b>Effective Scanning Frequency Range</b>	
Pixel Clock	13.5 to 162 MHz
Horizontal	15 to 92 KHz
Vertical	50 to 85 Hz
<b>Analog RGB Input</b>	
Display Performance	
Native	SVGA (800 x 600)
Resize	SXGA (1280 x 1024), XGA (1024 X 768) VGA (640 x 480)
Input Terminal	
Video	Mini D-sub 15pin x 1
Audio	Stereo Mini Jack x1
Output Terminal	
Video	Mini D-sub 15pin x 1
<b>Video I/O</b>	
Display Performance	550 TV Line
Input Signal	NTSC, NTSC 4.43, PAL, M-PAL, N-PAL, PAL60, SECAM
Input Terminal	
Video	RCA x 1, S-Video x 1
Audio	RCA x 2 (L/R)
<b>Control I/O</b>	
USB I/O	USB Type A x 1, USB Type B x 1
I/O Terminal	Mini D-sub 9pin x 1 (RS-232C)
<b>Operating Temperature</b>	5°C to 35°C (41°F to 95°F)
<b>Power Supply Voltage</b>	100-120V/200-220V +/-10%, 50/60Hz AC
<b>Dimension</b>	Include Lens & Feet: 315(W) x 240(D) x 97(H) mm
<b>Weight</b>	2.9kg / 6.4lbs
<b>Fan Noise</b>	33 dB (Low Mode)
<b>Accessories</b>	Power cord, D-sub 15-pin VGA cable, video cable (RCA), mouse cable (USB Type A- USB Type B), card remote control (battery included), soft carry bag, user's manual, quick reference guide

## PROJECTION DISTANCE

Diagonal Screen Size (Inches)	Wide (cm)	Tele (cm)	Offset (cm)
30	89	103	4
40	120	138	6
60	181	208	8
80	243	278	11
100	304	349	14
150	457	524	21
200	610	699	28
300	916	1050	42

All products and brand names herein are for identification purpose only and may be the trademarks or registered trademarks of their respective owners. EPSON disclaims any and all rights in those marks. Specifications are subject to change without notice