

# SPECIFICATIONS

Weight – approx. 5.7 lbs. / 2.6 kg



## PROJECTION DISTANCE

Diagonal Screen Size (inches)	Wide (cm)	Tele (cm)
30	87	119
40	117	159
60	177	240
80	237	321
100	297	402
200	597	807
300	897	1212

## Multimedia Projector EMP-S4

<b>PART NUMBER</b>		V11H221052	
<b>PROJECTION SYSTEM</b>		RGB Liquid-Crystal Shutter Projection System	
<b>SPECIFICATION OF MAIN PARTS</b>			
LCD	SIZE	0.5 inch with MLA (x 3)	
	DRIVING METHOD	Polysilicon TFT Active Matrix	
	PIXEL NUMBER	480,000 dots (800 x 600) x 3	
	NATIVE RESOLUTION	SVGA	
PROJECTION LENS		Manual Focus & 1.35 x Digital Zoom	
		F=1.4 / f=16.6 mm	
LAMP	TYPE	170 W UHE	
	LIFE*	2000 hours (High Brightness Mode) / 3000 hours (Low Brightness Mode)	
*These are not the guaranteed number of lamp hours, but the recommended hours after which the lamp should be replaced in order to ensure optimum picture quality			
<b>SCREEN SIZE (PROJECTED DISTANCE)</b>		30 to 300 inch (0.9 to 12.1 m)	
<b>BRIGHTNESS</b>	HIGH / LOW BRIGHTNESS MODE	1800 ANSI lm / 1500 ANSI lm	
<b>CONTRAST</b>		500:1	
<b>BRIGHTNESS UNIFORMITY</b>		85%	
<b>COLOUR REPRODUCTION</b>		Full-Colour (16.77 million colours)	
<b>SOUND OUTPUT</b>		1 W Monaural	
<b>EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)</b>	PIXEL CLOCK	13.5 MHz to 162 MHz	
	HORIZONTAL	15 kHz to 92 kHz	
	VERTICAL	50 Hz to 85 Hz	
<b>KEYSTONE CORRECTION</b>		Vertical: -30 to +30 degrees	
<b>ANALOG RGB I/O</b>	DISPLAY PERFORMANCE	NATIVE RESIZE	800 x 600 dots
	INPUT TERMINAL	VIDEO	1280 x 1024 / 1024 x 768 / 640 x 480
	OUTPUT TERMINAL	AUDIO	D-sub 15-pin x 1
		VIDEO	RCA x 2
			D-sub 15-pin x 1
<b>VIDEO I/O</b>	INPUT SIGNAL	VIDEO STANDARD	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
	INPUT TERMINAL	VIDEO	Composite Video: RCA (Yellow) x 1
			S-Video: Mini DIN x 1
			Component Video: D-sub 15-pin x 1
			Video-RGB: D-sub 15-pin x 1
	AUDIO		RCA x 2
<b>CONTROL I/O</b>	USB I/O TERMINAL		Type B x 1
<b>OPERATING TEMPERATURE</b>		5°C to 35°C <41°F to 95°F>	
<b>START-UP PERIOD</b>		About 4 Sec.	
<b>COOL-DOWN PERIOD</b>		Instant Off	
<b>POWER SUPPLY VOLTAGE</b>		100 - 240 VAC ±10% , 50 / 60 Hz	
<b>POWER CONSUMPTION</b>	Lamp On	240W	
	Stand-by	6W	
<b>DIMENSIONS (D X W X H)</b>		247 x 327 x 87 mm (Excludes Feet)	
<b>WEIGHT</b>		Approx. 5.7 lbs. / 2.6 kg	
<b>FAN NOISE</b>		30 dB (Low Brightness Mode)	
<b>SUPPLIED ACCESSORIES</b>			
Power Cable		1.8 m	
Computer Cable		1.8 m	
Remote Control		With AAA Type Alkaline Batteries x 2pcs	
Soft Carrying Case			
Password Protect Sticker			
User's Manual			
<b>OPTIONAL ACCESSORIES</b>			
ELPLP36 (Part No. V13H010L36)		Replacement Lamp	
ELPAF08 (Part No. V13H134A08)		Air Filter Set, 2 Sheets	

## CONNECTOR PANEL



Monitor Out

Computer/  
Component Video

S-Video

Video

L-Audio-R

USB

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