

Specifications

Model	EMP-7850
Part Number	V11H120052
Projection System	EPSON Original LCD Prism Technology
Projection Method	Front / Rear / Ceiling mount
LCD	
Size	1.0"
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	1.7 - 2.3
Focal Length	28 - 37mm
Zoom Ratio	1:1.35
Lamp	
Type	UHE 250W
Life (Typical)	2000 Hours (High Brightness Mode) / 3000 Hours (Low Brightness Mode)
Screen Size (Projected Distance)	30" to 300" diagonal (0.8 to 1 m)
Keystone Correction	Vertical: +/- 40° / Horizontal: +/- 20°
Brightness (Typical)	3500 ANSI Lumens (High Brightness Mode) / 2500 ANSI Lumens (Low Brightness Mode)
Contrast Ratio (Typical)	700:1
Brightness Uniformity (Typical)	90%
Color Reproduction	Full Color (16.7 million colors)
Speaker	5W Monoaural
Effective Scanning Frequency Range	
Pixel Clock	Analog: 13.5 to 230 MHz / Digital: 25 to 135 MHz
Horizontal	Analog: 15 to 107 KHz / Digital: 15 to 80 KHz
Vertical	Analog: 50 to 120 Hz / Digital: 50 to 85 Hz
Analog RGB Input	
Display Performance	
Native	XGA (1024 x 768)
Resize	Up to UXGA (1600 x 1200)
Input Terminal	
Video	Mini D-sub 15pin x 1, 5-BNC x 1
Audio	Mini D-sub 15pin: Stereo Mini Jack x 1, 5-BNC: RCA (L/R) x 1
Output Terminal	
Video	Mini D-sub 15pin x 1
Audio	Stereo Mini Jack x 1
Digital RGB Input	
Display Performance	
Native	XGA (1024 x 768)
Resize	Up to SXGA (1280x1024)
Input Terminal	
Video	DVI-D x 1
Audio	Stereo Mini Jack x 1
Video I/O	
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	BNC x 1 (Component Video / Video RGB), RCA x 1, S-Video x 1
Audio	RCA (L/R) x 3
Control I/O	
USB I/O	USB Type A x 1, USB Type B x 1
Serial	Mini D-sub 9pin x 1 (RS-232C)
Remote Control	Stereo Mini Jack x 1
Card I/O	
PCMCIA Type	Type I / II x 1
Supported Memory Card	Compact Flash / Smart Media / Memory Stick / SD / MMC / 3.3 volts type ATA Flash card / 5 volts type ATA Flash card / Micro Drive
Supported Wireless LAN Card	EPSON Wireless LAN Card Only
Operating Temperature	5°C to 35°C (41°F to 95°F)
Power Supply Voltage	100-240V +/- 10%, 50/60Hz AC
Maximum Dimension	419(W) x 325(D) x 138mm(H)
Weight	5.8 kg / 12.8 lbs
Fan Noise	36 dB (High Brightness Mode) / 33 dB (Low Brightness Mode)
Accessories	Power cord, Mini D-sub 15-pin VGA cable, RCA video/audio cable, audio cable (Stereo Mini Jack), mouse cable (USB Type A-USB Type B), remote control (battery included), software CD-ROM (application software), EPSON wireless LAN card, user's manual, quick reference guide.

Projection Distance (Standard Lens)

Diagonal Screen Size (Inches)	Wide(cm)	Tele (cm)
30	77	107
40	105	144
60	161	219
80	216	293
100	272	368
150	411	554
200	550	740
300	827	1113

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Connector Panel



Options and Accessories

ELPLP22 Replacement Lamp
Part No.: V13H010L22



ELPAF01 Air Filter Set
Part No.: V13H134A01

ELPKS28 Soft Travel Case
Part No.: V12H001K28

ELPKS29 Hard Travel Case
Part No.: V12H001K29

ELPKC28 Remote Control Cable Set
Part No.: V12H005C28

ELPMB13 Ceiling Mount
Part No.: V12H003B13

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Dealer's Stamp:

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