

EPSON EMP-50 Specifications

Model	EMP-50
Projection System	RGB Liquid Crystal Shutter Projection System
Projection Method	Front / Rear / Ceiling Mount
Specification of Main Parts	
LCD	
Size	0.7 inches (x3)
Driving Method	Poly-Silicon TFT Active Matrix
Pixel Number	48000 dots (800x600)x3
Native Resolution	SVGA
Aspect Ratio	4:3
Pixel Arrangement	Stripe
Projection	
Type	Manual Focus
F-number	1.5
Focal Length	26.3mm
Zoom Ratio	Digital (1.0-1.2)
Lens cover	It's attached by the string
Lamp Type	150W UHE
Optical System	Dichroic Mirror Separation & Prism Combine Method
Screen Size (Projected Distance)	28 to 300 inch (1.0 to 11.0m)
Keystone Correction Ratio	10:0 Fix
Brightness	1000 ANSI Lumens
Contrast Ratio	400:1
Brightness Uniformity	88%
Color Reproduction	Full Color (1,677 Million Colors)
Sound Output	1W Monaural
Effective Scanning Frequency Range	
Pixel Clock	13.5Mhz to 162 Mhz
Horizontal	15KHz to 92 KHz
Vertical	50Hz to 85Hz
Adjustment Function	
Projector / Remote Control	Keystone / Brightness / Contrast/ Tint / Sound etc.
Tilt Angle	0 to 11 Degrees
Keystone	-15 to 0 to 15 Degrees
Analog RGB I/O	
Display	
Native	800x600 dots
Resize	1024x768 / 640x480 dots
Input	
Signal Type	Separate Signal
Video Signal	Analog

Sync Signal	Separation / Composite / Sync. on green (RGB) Sync on Y (YUV)
Audio Signal	500m Vrms / 47kΩ
Input Terminal Video	Mini D-sub 15 pin
Audio	Stereo Mini Jack (RGB) / RCA x2 (YUV)
Output Signal Audio Signal	0-500 Vrms / 600Ω
Output Audio	Stereo Mini Jack (Common Video Audio Output) (Plug-in, Then Speaker-off)
Video I/O	
Resolution Video	600 TV line
Input Signal Video Standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
Video Signal Audio Signal	Composite Video / S-Video 500Vrms / 47kΩ
Input Terminal Video Audio	RCA x1 / S-Video x1 RCA x2
Output Signal Audio Signal	0-500m Vrms / 600ΩHM
Output Terminal Audio	Stereo Mini Jack (Common Analog RGB Audio Output) (Plug-in, Then Speaker-off)
Control I/O	
I/O Terminal Mouse / Serial I/O	Din 9 Pin x1/ USB Type B x1
Mouse Compatibility	PS/2, ADB, USB
Operating Temperature	5°C to 35°C (41°F to 95°F)
Power Supply Voltage	100-120V / 200-240 ±10%, 50 / 60Hz AC
Power Consumption	100-120V / 2.4A 50/60 Hz 200-240V 1.2A 50/60 Hz
Dimension	
Exclude Projection Lens & Feet Maximum Dimensions	220 (D) x 300 (W) x 80 (H) mm 232 (D) x 304 (W) x 99 (H) mm
Weight	6.8 lbs / 3.1 kg
Fan Noise	42dB
Accessories	Power cable (2.7m), Computer Cable (1.8m), Audio Cable, RCA Cable, Remote Control Unit A4 Battery, User's Manual, AA Battery, Registration Card, Warranty Card