

# Multimedia Projector

# EMP-737

## SPECIFICATIONS

MODEL		EMP-737	
Projection System		RGB Liquid Crystal Shutter Projection System	
Projection Method		Front / Rear / Ceiling Mount	
Specification of main parts	LCD	Size	0.7 inches with MLA D3
		Driving Method	Poly-silicon TFT Active Matrix
		Pixel number	786432 dots (1024x768) x3
		Native Resolution	XGA
	Projection Lens	Aspect ratio	4:3
		Pixel Arrangement	Stripe
		Refresh rate	72Hz
		Type	Manual: zoom / focus
	Lamp	F-number	1.58 to 1.76
		Focal length	23.7mm - 28.5mm
Zoom ratio		1-1.2	
Offset		81	
Optical System		Attached by the string	
Screen size (Projected Distance)		170W UHE	
Brightness		Type 2000n(High Bright) / 3000n(Low Bright)	
Contrast		Dichroic Mirror Separation & Prism combine Method	
Brightness Uniformity		30 to 300inch [1.2 to 12.1m] (Zoom: Tele), 30 to 300inch [1.0 to 10.1m] (Zoom: Wide)	
Color reproduction		2000 ANSI lumens (Color mode: Dynamic, Zoom: Wide)	
Sound output (Internal speaker)		1500 ANSI lumens (Color mode: Dynamic, Zoom: Wide)	
Function		400:1	
Color Mode		90%(Typ.)	
Effective Scanning		Full Color (16.77million colors)	
Frequency Range (Analog)		1W Monaural	
Adjustment Function		Pointer, User Logo, AV mute, Freeze	
Pixel Clock		Dynamic, Presentation, Living room, Theatre, Blackboard, sRGB	
Horizontal		13.5MHz to 162MHz	
Vertical		15KHz to 92KHz	
Keystone Correction		50Hz to 85Hz	
Auto Keystone Correction		Vertical -30 to +30 degrees (Zoom: Tele)	
Auto detection of RGB/YCbCr		Vertical -30 to +30 degrees (Zoom: Tele)	
Operation Panel Protected Function		Implemented	
Password Protected Function (Security function)		Implemented	
Protection of User logo, Time lock		Implemented	
Display Performance		Native 1024 x 768 dots	
Signal type		Separate signal	
Video Signal		Analog(0.7V p-p, 75 ohm/ Mac0.714Vp-p, 75ohm)	
Sync. Signal		Separate (positive & negative, bi-polarity 2-5Vpp) Composite (positive & negative, bi-polarity 2-5Vpp) Sync-on-green(negative, 0.3Vpp)	
Video Input Terminal		Mini D-sub 15pin x 1 Blue-molding	
Display Performance		NTSC: 560 line / PAL: 560 line	
Video Standard		NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM	
Video signal		Composite Video(1.0Vpp/ Sync.negative, 75ohm) / S-Video(Luminous0.714Vpp, Chrominous 0.286Vpp, 75ohm) / Component Video(Analog Y level 0.7V/ 75 ohm/ Cr/Cb level +/-0.35V/ 75ohm/ sync.negative 0.3V or 3-state/+/-0.3V on Y/ Video-RGB(0.7V p-p, 75 ohm/ Mac 0.714	
Video Input Terminal		Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN Component Video: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector) Video-RGB: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector)	
Audio Signal		500mVrms / 47Kohm	
Audio Terminal		Stereo mini jack x 1	
USB I/O		USB connector series B x1 (for mouse, K/B, control)	
I/O terminal		USB connector series A x1 (for DSC, USB Memory)	
Card I/O		PCMCIA	
Operating Temperature		Type III x 1 5°C to 35°C <41°F to 95°F>	
Direct ON		Implemented	
Cool-down period		20 seconds	
Start-up period		about 7 seconds	
Power Supply Voltage		100-240V ±10% / 50/60Hz AC	
Power Consumption		100-240VAC 2.7-1.1A 50/60Hz 193(D) x 278(W) x 70(H) mm	
Dimension		Exclude Feet 193(D) x 278(W) x 81(H) mm	
Weight		1.8Kg	
Fan Noise		36dB	
Power cord		1.8m	
Computer cable		1.8m Mini D-sub 15pin (Male) - Mini D-sub 15pin(Male)	
USB cable		1.8m USB A/USB B	
Battery		Alkaline AAA x 2	
Audio Adapter		3.5mm stereo miniplug (male) <-> RCA jack x2(female) 15cm	
Wireless LAN card		802.11g / b	
Password Protect sticker			
Soft Carrying Case			
Remote Control			
EasyMP software (CD-ROM)			
Owner's manual			
Quick reference guide			

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### Easy Management Part

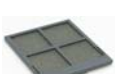
Function	Projector control and projector management via network
	E-mail notification
	SNMP
Software	EMP Monitor (for Windows and Mac)
	EMP Network Manager (for Windows and Mac)
Accessories	Epson projector software

### Easy MP Part

Function	Projector control and projector management via network
	E-mail notification
	SNMP
	Card Player (with USB storage player)
Software	Network Screen
	Easy Web
	EMP Monitor Ver3.03 (for Windows)
Security (Wireless LAN)	EMP Network Manager (via Web site)
	EMP NS Connection Ver1.31 (for Windows)
	EMP NS Connection Ver1.10 (for Mac)
	EMP Slide Maker2 Ver1.12
	WPA, CCX (Cisco)

### OPTIONS

Spare Lamp	ELPLP32
Air Filter Set	ELPAF08
Soft Carrying Case (for PC)	ELPKS16
50" Portable Screen	ELPSC06
60" Portable Screen	ELPSC07
80" Portable Screen	ELPSC08



### CONNECTOR PANEL



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