

EPSON
EXCEED YOUR VISION

EMP-82 PROJECTOR

MULTIMEDIA
PROJECTOR



On the Move with Brilliance and Style

- 2000 ANSI Lumens
- XGA resolution
- Password Protection
- 5W Speaker
- 2 PC inputs, Monitor out, Audio out, S-video
- Quick Start Up and Instant Off
- Low cost of ownership



EPSON EMP-82 PROJECTOR
Specifications



2.7Kg

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ABN 91 002 625 783
10/05

PROJECTION SYSTEM	RGB Liquid Crystal Shutter Projection System	
PROJECTION METHOD	Front / Rear / Ceiling Mount	
SPECIFICATION OF MAIN PARTS		
LCD	Size	0.6 inches with MLA (x3)
	Driving Method	Poly-silicon TFT Active Matrix
	Pixel Number	786,432 pixels (1024 x 768)
	Native Resolution	XGA
	Aspect Ratio	4:3
	Pixel Arrangement	Stripe
PROJECTION LENS	Refresh Rate	72Hz
	Type	Manual: zoom / focus
	F-number	1.6
	Focal length	18.4mm - 22.12mm
LAMP	Zoom ratio	1.0 - 1.2
	Type	170W UHE
SCREEN SIZE (PROJECTED DISTANCE)	30 to 300 inch [1.1 to 11m] (Zoom: Tele)	
KEYSTONE CORRECTION RATIO	10:1	
BRIGHTNESS		
HIGH BRIGHTNESS MODE	2000 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)	
LOW BRIGHTNESS MODE	1500 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)	
CONTRAST	400:1	
BRIGHTNESS UNIFORMITY	85% (Typ.)	
COLOUR REPRODUCTION	Full Colour (16.77 million colours)	
SOUND OUTPUT	5W Monaural	
EFFECTIVE SCANNING FREQUENCY RANGE (ANALOGUE)		
PIXEL CLOCK	13.5MHz to 162MHz	
HORIZONTAL	15KHz to 92KHz	
VERTICAL	50Hz to 85Hz	
ADJUSTMENT FUNCTION		
PROJECTOR / REMOTE CONTROL	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal etc.	
FOOT ADJUSTER	Front-center, Rear	
TILT ANGLE	0 to 10 degrees (Front only: 0 to 12 degrees)	
KEYSTONE CORRECTION	Vertical: -30 to +30 degrees (Zoom: Tele)	
AUTO KEYSTONE CORRECTION	Automatic Vertical: -30 to +30 degrees (Zoom: Tele)	
ANALOGUE RGB I/O		
DISPLAY PERFORMANCE	Native	1024 x 768 pixels
INPUT SIGNAL	Signal type	Separate signal
	Video Signal	Analogue (0.75V p-p, 75ohm/ Mac 0.714Vp-p, 75ohm)
INPUT TERMINAL	Sync. Signal	Separate (positive & negative, bi-polarity 2-5Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
	Audio Signal	500mVrms / 47Kohm
OUTPUT SIGNAL	Video Signal	Analogue (0.7V p-p, 75ohm/ Mac 0.714Vp-p, 75ohm)
	Sync. Signal	Separate (positive & negative, TTL) / Composite (positive & negative, TTL) / Sync. on green (negative 0.2 - 0.4 Vpp)
OUTPUT TERMINAL	Video	Mini D-sub 15pin x 1 Black-moulding
	Audio	Stereo mini-jack

VIDEO I/O		
DISPLAY PERFORMANCE	NTSC: 560 line PAL: 560 line (Depend on observation of the multi-burst pattern)	
INPUT SIGNAL	Video Standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
	Video Signal	Composite Video (1.0Vpp / Sync.negative, 750ohm) / S-Video (Luminous 0.714Vpp, Chrominous 0.286Vpp, 75ohm) / Component Video (Analogue Y level 0.75V 75ohm / Cr Cb level +/-0.35V 75ohm / sync. negative 0.3V or 3-state +/-0.3V on Y) / Video-RGB (0.7V p-p, 75ohm/ Mac 0.714Vpp, 75ohm)
INPUT TERMINAL	Audio Signal	500mVrms / 47Kohm
	Video	Composite Video: RCA (Yellow) x 1, S-Video: Mini DIN, Component Video: Mini D-sub 15pin, Blue moulding (in common with Analogue RGB connector) Video-RGB: Mini D-sub 15pin x 2 Blue moulding (in common with Analogue RGB connector)
CONTROL I/O		
USB I/O	I/O Terminal	USB connector series B x 1 (for mouse, K/B, control)
SERIAL I/O	I/O Terminal	Mini D-sub 9pin x 1
	I/O Signal	RS-232C
OPERATING TEMPERATURE	5°C to 35°C <41°F to 95°F>	
POWER OFF	Instant off	
START-UP PERIOD	Approx. 4 seconds (plus 30 seconds warm up)	
POWER SUPPLY VOLTAGE	100-240VAC ±10%, 50/60Hz	
DIMENSION		
EXCLUDE FEET	246(D) x 327(W) x 86(H) mm	
MAXIMUM DIMENSIONS	246(D) x 327(W) x 98(H) mm	
WEIGHT	2.7Kg	
FAN NOISE		
HIGH BRIGHTNESS MODE	36dB	
LOW BRIGHTNESS MODE	30dB	
ACCESSORIES		
POWER CABLE	3m	
COMPUTER CABLE	1.8m Mini D-sub 15pin (male) - Mini D-Sub 15 pin (male)	
USB CABLE	1.8m USB A - USB B	
REMOTE CONTROL	Included	
SOFT CARRYING CASE	Included	
PASSWORD PROTECT STICKER	Included	
AIR FILTER	Included	
OWNER'S MANUAL	Included (CD)	
PRODUCT CODE		
	ITEM CODE	
EMP-82	V11H176053	
PRODUCT OPTIONS		
PRODUCT CODE	ITEM CODE	DESCRIPTION
ELP-LP34	V13H010L34	Lamp
3YWEMP82	3YWEMP82	3rd Year Warranty
WARRANTY		
STANDARD	2 years*	

For warranty terms see www.epson.com.au/warranty

(*excluding lamp)



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