



# Epson EMP-1815 Projector

## Specification Sheet

### Ultimate Solution for High Performance Wireless Connectivity

<b>PRODUCT TYPE</b>	Portable Multimedia Projector	
<b>PRODUCT NAME</b>	EMP-1815	
<b>PRODUCT CODE</b>	V11H234053	
<b>PROJECTION SYSTEM</b>	RGB Liquid Crystal Shutter Projection System	
<b>PROJECTION METHOD</b>	Front / Rear / Ceiling Mount	
<b>SPECIFICATION OF MAIN PARTS</b>		
<b>LCD</b>	Size	0.8 inches with MLA ( D5)
	Driving method	Poly-Silicon TFT Active Matrix
	Pixel number	786,432 pixels (1024 x 768) x 3
	Native resolution	XGA
	Aspect ratio	4:3
	Pixel arrangement	Cross Stripe
	Refresh Rate	50Hz-60Hz
<b>PROJECTION LENS</b>	Type	Manual: zoom / focus
	F-number	1.75 - 2.42
	Focus length	24 - 38.2mm
	Zoom ratio	1:1.6
	Offset	6:1
<b>PROJECTION LAMP</b>	Type	E-TORL 210 W UHE
	Optical System	Dichroic Mirror Separation & Prism Combine Method
<b>SCREEN SIZE (PROJECTED DISTANCE)</b>	30 to 300 inch [1.39 to 14.69m] (Zoom: Tele),	
	30 to 300 inch [0.83 to 9.06m] (Zoom: Wide)	
	60" screen 1.8m - 2.9m	
<b>BRIGHTNESS</b>		
	High Brightness Mode	3500 ANSI lumens (Colour mode: Game, Zoom: Wide)
	Low Brightness Mode	2700 ANSI lumens (Colour mode: Game, Zoom: Wide)
<b>CONTRAST</b>	500:1	
<b>BRIGHTNESS UNIFORMITY</b>	90%	
<b>COLOUR REPRODUCTIVITY</b>	Full colour (16.77 million colours)	
<b>SOUND OUTPUT (Internal speaker)</b>	5W monaural	
<b>FUNCTION</b>	Pointer, User Logo, A/V mute, Freeze, E Zoom, Help	
<b>EFFECTIVE SCANNING FREQUENCY RANGE (Analog)</b>		
<b>PIXEL CLOCK</b>	13.5MHz to 162MHz	
<b>HORIZONTAL</b>	15KHz to 99KHz	
<b>VERTICAL</b>	50Hz to 1205Hz	
<b>ADJUSTMENT FUNCTION</b>		
<b>PROJECTOR / REMOTE CONTROL</b>	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal	
<b>FOOT ADJUSTER</b>	Front-centre	
<b>TILT ANGLE</b>	0 to 10 degrees	
<b>KEystone CORRECTION</b>	Vertical: -45 to +45 degrees (Zoom: Tele)	
	Horizontal: -30 to +30 degrees (Zoom: Tele)	
<b>AUTO KEYSTONE CORRECTION</b>	Yes Vertical only: -30 to +30 degrees (Zoom: Tele)	
<b>SOURCE SEARCH</b>	Yes	
<b>AUTO DETECTION OF RGB / YCbCr</b>	Yes	
<b>MULTI SCREEN COLOUR ADJUSTMENT</b>	Yes	
<b>OPERATION PANEL PROTECTION FUNCTION</b>	Yes	
<b>PASSWORD PROTECTED FUNCTION</b>	Yes	
<b>ANALOGUE RGB I/O</b>		
<b>DISPLAY PERFORMANCE</b>	Native	1024 x 768 pixels
<b>INPUT SIGNAL</b>	Signal type	Separate signal
	Video signal	Analogue (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
	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 / 47K-ohm
<b>VIDEO INPUT TERMINAL</b>	D-sub 15pin x 2 Blue-moulding	

## VIDEO I/O

<b>DISPLAY PERFORMANCE</b>		NTSC: 560 lines PAL: 560 lines (Depends on observation of the multi burst pattern)
<b>INPUT SIGNAL</b>	Video standard Video signal	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM Composite Video (1.0Vpp / sync negative, 75ohm) / S-Video (Luminous 0.714Vpp, 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 (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
<b>VIDEO INPUT TERMINAL</b>	Audio signal	500mVrms / 47Kohm Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN Component Video: Mini D-sub 15pin Blue-moulding x 2 (in common with Analog RGB connector) Video-RGB: Mini D-sub 15pin 2 x Blue-moulding (in common with Analog RGB connector) USB Display
<b>USB Display</b>	<b>Yes</b>	

## CONTROL I/O

<b>USB I/O</b>	I/O terminal I/O speed	Type B x 1 (for mouse, K/B, control or USB Smart Connect ) Type A x 1 (for USB memory device) Type B x 1: Ver 1.1 ( Mouse, KB ), Ver 2.0 for USB Display Type A x 1: Ver 2.0
<b>SERIAL I/O</b>	I/O Terminal I/O signal	D-sub 9 pin x 1 RS-232C

## NETWORK I/O

<b>USB I/O</b>	Type Supported wireless LAN unit Wired LAN	Type A x 1 Standard accessory RJ45 x 1
<b>CARD SLOT</b>	Type	CF x 1 ( 3.3V )
<b>OPERATING TEMPERATURE</b>	5°C to 35°C (41°F to 95°F), (20% - 80% Humidity unfrozen) Thermal shutdown > 45 degree C	
<b>OPERATING ALTITUDE</b>	0m to 2286m < 0ft to 7500ft > (over 1500m / 4,921ft with high altitude mode)	
<b>DIRECT POWER ON</b>	Yes	
<b>DIRECT POWER OFF</b>	Yes	
<b>COOL-DOWN PERIOD</b>	Instant off	
<b>EXHAUST DIRECTION</b>	side	

## THEFT PROOF

	Padlock & Security cable connection	Yes
	Kensington Lock	Yes
<b>POWER SUPPLY VOLTAGE</b>	100-240V AC±10% 50/60Hz	

## POWER CONSUMPTION

	lamp On	286W
	Stand by ( network on )	12W
	Stand by ( network off )	4.6W

## DIMENSION

<b>EXCLUDE FEET</b>	257(D) x 345(W) x 86(H)mm
<b>MAXIMUM DIMENSION</b>	257(D) x 345(W) x 95(H)mm
<b>WEIGHT</b>	Approx. 3.1Kg
<b>FAN NOISE</b>	
<b>HIGH BRIGHTNESS MODE</b>	37dB
<b>LOW BRIGHTNESS MODE</b>	32dB

## ACCESSORIES

<b>POWER CABLE</b>	3m
<b>COMPUTER CABLE</b>	1.8m, D-sub 15pin (Male) - Mini D-sub 15pin (Male)
<b>USB CABLE</b>	1.8m, USB A / B HI-SPEED
<b>REMOTE CONTROL</b>	Compact type
<b>BATTERY</b>	Alkaline AAA x 2
<b>AUDIO ADAPTER</b>	3.5mm stereo miniplug (male) <-> RCA jack x2 (female) 15cm
<b>WIRELESS LAN ADAPTOR</b>	Attached (802.11a/b/g)
<b>SOFT CARRYING CASE</b>	Included
<b>USER MANUAL SET</b>	Included (CD-ROM)
<b>PROJECTOR SOFTWARE</b>	Included (CD-ROM)
<b>PASSWORD PROTECT STICKER</b>	Included
<b>OWNER'S MANUAL</b>	Included

## EASY MP

(wireless functionality)

802.11 a/b/g wireless connectivity  
Projector control and projector management via network  
Email notification  
SNMP  
PC Free  
Network presentation (Network and USB)  
PJ Link  
Web Control  
Transferring and writing files to memory card from network  
EMP IP Link ( for Windows\*) down load only  
EMP Monitor (for Windows\*)  
EMP NS Connection (for Windows\* and Mac)  
EMP Slide Maker2 (for Windows\*)  
Security (Wireless LAN)  
WEP, WPA-PSK (TKIP), WPA-PSK(AES)  
EAP-TLS, EAP-TTLS/MD5, EAP-TTLS/MS-CHAPv2,  
PEAP/MS-CHAPv2, PEAP/GTC  
LEAP EAP-East/MS-CHAPv2 EAP-Fast/GTC  
\* Software compatible with MS Vista available free of charge at  
epson.com.au from June 1st, 2007

## WARRANTY

**STANDARD WARRANTY** 2 years\*  
\*excluding lamp

\* For more information visit [Epson Projector Warranty](#)

**PRODUCT CODE** V11H234053

## PRODUCT OPTIONS

Product Code	Item Code	Description
ELP-LP40	V13H010L40	Lamp
3YWEMP1815	3YWEMP1815	3rd Year Warranty (*Australia Only)
7012084	7012084	Standard flush Ceiling Mount
7012083	7012083	Ceiling Mount with extendable pole (460mm expandable to 750mm)