



Epson EMP-1815 Projector

Specification Sheet

Ultimate Solution for High Performance Wireless Connectivity

PRODUCT TYPE	Portable Multimedia Projector	
PRODUCT NAME	EMP-1815	
PRODUCT CODE	V11H234053	
PROJECTION SYSTEM	RGB Liquid Crystal Shutter Projection System	
PROJECTION METHOD	Front / Rear / Ceiling Mount	
SPECIFICATION OF MAIN PARTS		
LCD	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
PROJECTION LENS	Type	Manual: zoom / focus
	F-number	1.75 - 2.42
	Focus length	24 - 38.2mm
	Zoom ratio	1:1.6
	Offset	6:1
PROJECTION LAMP	Type	E-TORL 210 W UHE
	Optical System	Dichroic Mirror Separation & Prism Combine Method
SCREEN SIZE (PROJECTED DISTANCE)	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	
BRIGHTNESS		
	High Brightness Mode	3500 ANSI lumens (Colour mode: Game, Zoom: Wide)
	Low Brightness Mode	2700 ANSI lumens (Colour mode: Game, Zoom: Wide)
CONTRAST	500:1	
BRIGHTNESS UNIFORMITY	90%	
COLOUR REPRODUCTIVITY	Full colour (16.77 million colours)	
SOUND OUTPUT (Internal speaker)	5W monaural	
FUNCTION	Pointer, User Logo, A/V mute, Freeze, E Zoom, Help	
EFFECTIVE SCANNING FREQUENCY RANGE (Analog)		
PIXEL CLOCK	13.5MHz to 162MHz	
HORIZONTAL	15KHz to 99KHz	
VERTICAL	50Hz to 1205Hz	
ADJUSTMENT FUNCTION		
PROJECTOR / REMOTE CONTROL	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal	
FOOT ADJUSTER	Front-centre	
TILT ANGLE	0 to 10 degrees	
KEystone CORRECTION	Vertical: -45 to +45 degrees (Zoom: Tele)	
	Horizontal: -30 to +30 degrees (Zoom: Tele)	
AUTO KEYSTONE CORRECTION	Yes Vertical only: -30 to +30 degrees (Zoom: Tele)	
SOURCE SEARCH	Yes	
AUTO DETECTION OF RGB / YCbCr	Yes	
MULTI SCREEN COLOUR ADJUSTMENT	Yes	
OPERATION PANEL PROTECTION FUNCTION	Yes	
PASSWORD PROTECTED FUNCTION	Yes	
ANALOGUE RGB I/O		
DISPLAY PERFORMANCE	Native	1024 x 768 pixels
INPUT SIGNAL	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
VIDEO INPUT TERMINAL	D-sub 15pin x 2 Blue-moulding	

VIDEO I/O

DISPLAY PERFORMANCE

NTSC: 560 lines PAL: 560 lines (Depends on observation of the multi burst pattern)

INPUT SIGNAL

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)

VIDEO INPUT TERMINAL

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

USB Display

Yes

CONTROL I/O

USB I/O

I/O terminal

Type B x 1 (for mouse control or USB Smart Connect)
Type A x 1 (for USB memory device)

I/O speed

Type B x 1: Ver 1.1 (Mouse, KB), Ver 2.0 for USB Display
Type A x 1: Ver 2.0

SERIAL I/O

I/O Terminal
I/O signal

D-sub 9 pin x 1
RS-232C

NETWORK I/O

USB I/O

Type
Supported wireless LAN unit
Wired LAN

Type A x 1
Standard accessory
RJ45 x 1

CARD SLOT

Type

CF x 1 (3.3V)

OPERATING TEMPERATURE

5°C to 35°C (41°F to 95°F), (20% - 80% Humidity unfrozen)
Thermal shutdown > 45 degree C

OPERATING ALTITUDE

0m to 2286m < 0ft to 7500ft >
(over 1500m / 4,921ft with high altitude mode)

DIRECT POWER ON

Yes

DIRECT POWER OFF

Yes

COOL-DOWN PERIOD

Instant off

EXHAUST DIRECTION

side

THEFT PROOF

Padlock & Security cable connection

Yes

Kensington Lock

Yes

POWER SUPPLY VOLTAGE

100-240V AC±10% 50/60Hz

POWER CONSUMPTION

lamp On

286W

Stand by (network on)

12W

Stand by (network off)

4.6W

DIMENSION

EXCLUDE FEET

257(D) x 345(W) x 86(H)mm

MAXIMUM DIMENSION

257(D) x 345(W) x 95(H)mm

WEIGHT

Approx. 3.1Kg

FAN NOISE

HIGH BRIGHTNESS MODE

37dB

LOW BRIGHTNESS MODE

32dB

ACCESSORIES

POWER CABLE

3m

COMPUTER CABLE

1.8m, D-sub 15pin (Male) - Mini D-sub 15pin (Male)

USB CABLE

1.8m, USB A / B HI-SPEED

REMOTE CONTROL

Compact type

BATTERY

Alkaline AAA x 2

AUDIO ADAPTER

3.5mm stereo miniplug (male) <-> RCA jack x2 (female) 15cm

WIRELESS LAN ADAPTOR

Attached (802.11a/b/g)

SOFT CARRYING CASE

Included

USER MANUAL SET

Included (CD-ROM)

PROJECTOR SOFTWARE

Included (CD-ROM)

PASSWORD PROTECT STICKER

Included

OWNER'S MANUAL

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)