



Epson EMP-1710 Projector

Specifications Sheet

Compact and bright portable projector with A/V Mute Slide for effective presentations.

PRODUCT TYPE	Portable Multimedia Projector
PRODUCT NAME	EMP-1710
PRODUCT CODE	V11H230053
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 (D4.5)
	Driving method	Poly-Silicon TFT Active Matrix
	Pixel number	786,432 pixels
	Native resolution	(1024 x 768) x 3
	Aspect ratio	XGA
	Pixel arrangement	4:3
PROJECTION LENS	Pixel arrangement	Stripe
	Refresh Rate	50Hz-72Hz
	Type	Manual: zoom / focus
	F-number	1.6 - 1.77
	Focus length	23.77 - 28.54mm
	Zoom ratio	1 - 1.2
LAMP	Offset	6:1
	Type	170 W UHE
	Optical System	Dichroic Mirror Separation & Prism Combine Method
SCREEN SIZE (PROJECTED DISTANCE)	30 to 300 inch [1.2 to 12.1m] (Zoom: Tele), 30 to 300 inch [1.0 to 10.1m] (Zoom: Wide) 60" screen 2.0m - 2.4m	

BRIGHTNESS

BRIGHTNESS	High Brightness Mode	2700 ANSI lumens (Colour mode: Game, Zoom: Wide)
	Low Brightness Mode	2100 ANSI lumens (Colour mode: Game, Zoom: Wide)
CONTRAST	400:1	
BRIGHTNESS UNIFORMITY	83% (Typ.)	
COLOUR REPRODUCTIVITY	Full colour (16.77 million colours)	
SOUND OUTPUT (Internal speaker)	1W monaural	
FUNCTION	Pointer, User Logo, A/V mute, Freeze, E Zoom, HELP PC: Photo, Presentation, Theatre, Game, sRGB Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard, Custom	
COLOUR MODES		

EFFECTIVE SCANNING FREQUENCY RANGE (Analog)

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
HEIGHT ADJUSTER	Front-centre
TILT ANGLE	0 to 12 degrees
KEYSTONE CORRECTION	Vertical: -30 to +30 degrees (Zoom: Tele)
AUTO KEYSTONE CORRECTION	Vertical: -30 to +30 degrees (Zoom: Tele)
SOURCH SEARCH	Yes
AUTO DETECTION OF RGB / YCbCr	Yes
MULTI SCREEN COLOUR ADJUSTMENT	Yes
OPERATION PANEL PROTECTION FUNCTION	Yes
PASSWORD PROTECTED FUNCTION (SECURITY FUNCTION)	Yes (Protection of User logo, Time lock)

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)
INPUT TERMINAL	Audio signal	500mVrms / 47Kohm
	Video	D-sub 15pin x 1 Blue-moulding
	Audio	Audio in only

VIDEO I/O

DISPLAY PERFORMANCE	NTSC: 560 lines PAL: 560 lines (Depends 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, 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 (in common with Analog RGB connector) Video-RGB: Mini D-sub 15pin Blue-moulding (in common with Analog RGB connector)

AUDIO I/O

AUDIO SIGNAL	500mVrms / 47Kohm
AUDIO TERMINAL	Stereo mini jack x 1 (Audio In only)

CONTROL I/O

USB I/O	I/O terminal Type B x1 (for mouse control)
OPERATING TEMPERATURE	5°C to 35°C <41°F to 95°F>, (20% - 80% Humidity) 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
COOL-DOWN PERIOD	Instant off
START-UP PERIOD	Approx. 5 seconds
EXHAUST DIRECTION	Side
POWER SUPPLY VOLTAGE	100-240V AC±10% 50/60Hz
POWER CONSUMPTION	100-240VAC 2.7-1.1A 50/60Hz Lamp On 228W

DIMENSION

EXCLUDE FEET	193(D) x 273(W) x 68(H) mm
MAXIMUM DIMENSION	193(D) x 273(W) x 79(H) mm
WEIGHT	Approx. 1.6Kg

FAN NOISE

HIGH BRIGHTNESS MODE	40dB
LOW BRIGHTNESS MODE	35dB

ACCESSORIES

POWER CORD	1.8m
COMPUTER CABLE	1.8m, Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male)
USB CABLE	1.8m, USB A / B HI-SPEED
REMOTE CONTROL	Compact type (Included)
BATTERY	Alkaline AAA x 2
AUDIO ADAPTER	3.5mm stereo miniplug (male) <-> RCA jack x2 (female) 15cm
SOFT CARRYING CASE	Included
LENS COVER	Included
PASSWORD PROTECT STICKER	Included
OWNER'S MANUAL	Included

WARRANTY

STANDARD WARRANTY	2 years* *excluding lamp
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* For more information visit [Epson Projector Warranty](#)

PRODUCT CODE V11H230053

PRODUCT OPTIONS

Product Code	Item Code	Description
ELP-LP38	V13H010L38	Lamp
3YWEMP1710	3YWEMP1710	3rd Year Warranty (* Australia Only)