



# Epson EMP-1700 Projector

## Specifications Sheet

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

### PRODUCT TYPE

<b>PRODUCT TYPE</b>	<b>Portable Multimedia Projector</b>
<b>PRODUCT NAME</b>	EMP-1700
<b>PRODUCT CODE</b>	V11H232053
<b>PROJECTION SYSTEM</b>	RGB Liquid Crystal Shutter Projection System
<b>PROJECTION METHOD</b>	Front / Rear / Ceiling Mount

### SPECIFICATION OF MAIN PARTS

<b>LCD</b>	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
<b>PROJECTION LENS</b>	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
<b>SCREEN SIZE (PROJECTED DISTANCE)</b>	Offset	6:1
	Type	170 W UHE
	Optical System	Dichroic Mirror Separation & Prism Combine Method
	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	

<b>BRIGHTNESS</b>	High Brightness Mode	2200 ANSI lumens (Colour mode: Game, Zoom: Wide)
	Low Brightness Mode	1700 ANSI lumens (Colour mode: Game, Zoom: Wide)
<b>CONTRAST</b>		400:1
<b>BRIGHTNESS UNIFORMITY</b>		83% (Typ.)
<b>COLOUR REPRODUCTIVITY</b>		Full colour (16.77 million colours)
<b>SOUND OUTPUT (Internal speaker)</b>		1W monaural

<b>FUNCTION</b>	Pointer, User Logo, A/V mute, Freeze, E Zoom, HELP
<b>COLOUR MODES</b>	PC: Photo, Presentation, Theatre, Game, sRGB Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard, Custom

<b>EFFECTIVE SCANNING FREQUENCY RANGE (Analog)</b>	PIXEL CLOCK	13.5MHz to 162MHz
	HORIZONTAL	15KHz to 92KHz
	VERTICAL	50Hz to 85Hz

<b>ADJUSTMENT FUNCTION</b>	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)

<b>ANALOGUE RGB I/O</b>	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 / 47Kohm
	INPUT TERMINAL	Video	D-sub 15pin x 1 Blue-moulding
		Audio	Audio in only

<b>VIDEO I/O</b>	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)
		Audio signal 500mVrms / 47Kohm
	VIDEO INPUT TERMINAL	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)

<b>AUDIO I/O</b>	AUDIO SIGNAL	500mVrms / 47Kohm
	AUDIO TERMINAL	Stereo mini jack x 1 (Audio In only)

<b>CONTROL I/O</b>	USB I/O	I/O terminal Type B x1 (for mouse, K/B, 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

<b>EXHAUST DIRECTION</b>	Side
<b>POWER SUPPLY VOLTAGE</b>	100-240V AC±10% 50/60Hz
<b>POWER CONSUMPTION</b>	100-240VAC 2.7-1.1A 50/60Hz Lamp On 228W

<b>DIMENSION</b>	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

<b>FAN NOISE</b>	HIGH BRIGHTNESS MODE	40dB
	LOW BRIGHTNESS MODE	35dB

<b>ACCESSORIES</b>	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

<b>WARRANTY</b>	STANDARD WARRANTY	2 years* *excluding lamp
	* For more information visit	<a href="#">Epson Projector Warranty</a>
	PRODUCT CODE	V11H232053

<b>PRODUCT OPTIONS</b>	Product Code	Item Code	Description
	ELP-LP38	V13H010L38	Lamp
	3YWEMP1700	3YWEMP1700	3rd Year Warranty (* Australia Only)

*As An International ENERGY STAR Partner, Epson Has Determined That This Product Meets The International ENERGY STAR Guidelines For Energy Efficiency. Epson Is The Registered Trademark Of SEIKO EPSON Corporation. Epson STYLUS, PerfectPicture, MicroPiezo, AcuPhoto Halftoning, QuickDry Are The Trademarks Of SEIKO Epson Corporation. All Other Names And Company Names Used Herein Are For Identification Purpose Only And May Be The Trademarks Or Registered Trademarks Of Their Respective Owners. Epson Disclaims Any And All Rights In Those Marks. All Print Samples Shown Herein Are Simulations. Specifications Are Subject To Change Without Notice.*