



Epson EMP-1700 Projector

Specifications Sheet

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

PRODUCT TYPE

PRODUCT TYPE	Portable Multimedia Projector
PRODUCT NAME	EMP-1700
PRODUCT CODE	V11H232053
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
SCREEN SIZE (PROJECTED DISTANCE)	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	

BRIGHTNESS

High Brightness Mode	2200 ANSI lumens (Colour mode: Game, Zoom: Wide)
Low Brightness Mode	1700 ANSI lumens (Colour mode: Game, Zoom: Wide)

CONTRAST

CONTRAST	400:1
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BRIGHTNESS UNIFORMITY

BRIGHTNESS UNIFORMITY	83% (Typ.)
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COLOUR REPRODUCTIVITY

COLOUR REPRODUCTIVITY	Full colour (16.77 million colours)
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SOUND OUTPUT (Internal speaker)

SOUND OUTPUT (Internal speaker)	1W monaural
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FUNCTION

FUNCTION	Pointer, User Logo, A/V mute, Freeze, E Zoom, HELP
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COLOUR MODES

COLOUR MODES	PC: Photo, Presentation, Theatre, Game, sRGB Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard, Custom
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EFFECTIVE SCANNING FREQUENCY RANGE (Analog)

PIXEL CLOCK	13.5MHz to 162MHz
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HORIZONTAL	15KHz to 92KHz
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VERTICAL	50Hz to 85Hz
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ADJUSTMENT FUNCTION

PROJECTOR / REMOTE CONTROL	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal, etc
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HEIGHT ADJUSTER	Front-centre
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TILT ANGLE	0 to 12 degrees
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KEYSTONE CORRECTION	Vertical: -30 to +30 degrees (Zoom: Tele)
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AUTO KEYSTONE CORRECTION	Vertical: -30 to +30 degrees (Zoom: Tele)
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SOURCH SEARCH	Yes
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AUTO DETECTION OF RGB / YCbCr	Yes
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MULTI SCREEN COLOUR ADJUSTMENT	Yes
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OPERATION PANEL PROTECTION FUNCTION	Yes
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PASSWORD PROTECTED FUNCTION (SECURITY FUNCTION)	Yes (Protection of User logo, Time lock)
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ANALOGUE RGB I/O

DISPLAY PERFORMANCE	Native	1024 x 768 pixels
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INPUT SIGNAL	Signal type	Separate signal
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INPUT SIGNAL	Video signal	Analogue (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
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INPUT SIGNAL	Sync. signal	Separate (positive & negative, bi-polarity 2-5Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
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INPUT SIGNAL	Audio signal	500mVrms / 47Kohm
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INPUT SIGNAL	Video	D-sub 15pin x 1 Blue-moulding
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INPUT SIGNAL	Audio	Audio in only
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INPUT TERMINAL

INPUT TERMINAL	Audio	Audio in only
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VIDEO I/O

DISPLAY PERFORMANCE	NTSC: 560 lines PAL: 560 lines (Depends on observation of the multi burst pattern)
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INPUT SIGNAL	Video standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
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INPUT SIGNAL	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)
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