

MULTIMEDIA PROJECTOR

EMP-720 & EMP-730 PROJECTORS



XGA SUPER BRIGHT, MICRO-LIGHT PROJECTOR FOR THE MOBILE PRESENTER

- Super bright 2000 (EMP-730) / 1500 (EMP-720) ANSI Lumens
- Micro-light at just 1.9kg
- Automatic Keystone Correction

EMP-720 & EMP-730 PROJECTORS

EPSON®

EPSON EMP-720 XGA Projector



EPSON EMP-730 XGA Projector



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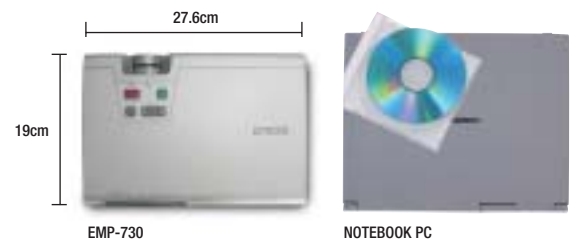
Specifications

PROJECTION SYSTEM	RGB Liquid Crystal Shutter Projection System	
PROJECTION METHOD	Front / Rear / Ceiling Mount	
SPECIFICATION OF MAIN PARTS		
LCD	Size	EMP-730 0.9inches with MLA (x3) EMP-720 0.9inches without MLA (x3)
	Driving method	Poly-Silicon TFT active matrix
	Pixel number	786,432 (1024 x 768) x 3
	Native resolution	XGA
	Aspect ratio	4:3
	Pixel arrangement	Stripe
PROJECTION	Type	Manual: zoom / focus
	f-number	1.9 to 2.1 (+/- 3%)
	f-number	31 to 36 (+/- 3%)
	Zoom ratio	1:1.16
	Lens cover	attached
LAMP	Type	150 W UHE
OPTICAL SYSTEM	Dichroic Mirror Separation & Prism combine method	
SCREEN SIZE (PROJECTED DISTANCE)	30 to 300inch (1.0 to 11.7m)	
KEYSTONE CORRECTION RATIO	9:1	
BRIGHTNESS	2000 ANSI lumens (EMP-730)	
	1500 ANSI lumens (EMP-720)	
CONTRAST	400:1	
BRIGHTNESS UNIFORMITY	85% (TYP)	
COLOUR REPRODUCTIVITY	Full colour (16.7 million colours)	
SOUND OUTPUT	1W	
EFFECTIVE SCANNING FREQUENCY RANGE		
PIXEL CLOCK	13.5MHz to 162MHz	
HORIZONTAL	(15 - 92) KHz	
VERTICAL	(50 - 85) Hz	
ADJUSTMENT FUNCTION		
PROJECTOR / REMOTE CONTROL	Keystone (Vertical) / Brightness / Contrast / Tint / Saturation / Sound / Input signal etc.	
KEYSTONE CORRECTION	Vertical -15 to +15 degrees	
TILT ANGLE	0 to 11 degrees	
ANALOGUE RGB / YUV I/O		
DISPLAY PERFORMANCE	Native	1024 x 768 dots
	Resize	1600 x 1200 / 1280 x 1024 / 800 x 600 / 640 x 480 dots
INPUT SIGNAL	Signal type	Separate signal
	Video signal	Analogue (0.7Vp-p, 75 Ω / Mac0.714Vp-p, 75 Ω)
	Sync. signal	Separate (positive & negative, bi-polarity 1-5Vp-p) / Composite (positive & negative, bi-polarity 1-5Vp-p) / Sync-on-green (negative 0.3Vp-p)
	Audio signal	500m Vrms / 47 KΩ
INPUT TERMINAL	Video	Mini D-sub 15 pin x 1
	Audio	Stereo mini jack
VIDEO I/O		
DISPLAY PERFORMANCE	NTSC: 550 LINE PAL: 550 LINE (Depend 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 (1.0Vp-p / Sync. Negative, 75Ω) / S-Video (Luminous 0.714Vp-p, chrominous 0.286Vp-p, 75Ω) / Component video (Analogue Y level 0.7V 75Ω / CR CB level +/- 0.35V 75Ω / Sync. Negative 0.3V or 3-state +/- 0.3V on Y) Video-RGB 0.7Vp-p, 75Ω / MAC 0.714Vp-p, 75Ω
INPUT TERMINAL	Audio signal	500m Vrms / 47 KΩ
	Video	Composite Video: RCA x 1 / S-Video: Mini DIN / Component Video: Mini D-sub 15pin (in common with Analogue RGB connector) / Video-RGB: Mini D-sub 15pin (in common with Analogue RGB connector)
	Audio	Stereo mini jack (in common with Analogue RGB audio jack)

CONTROL I/O	
I/O TERMINAL	USB connector series B x1 (for mouse, K/B, control)
OPERATING TEMPERATURE	5°C to 35°C (41°F to 95°F)
POWER SUPPLY VOLTAGE	100 - 120V / 200 - 240V ±10%, 50/60Hz AC
DIMENSION	
EXCLUDE PROJECTION LENS & FEET	190(D) x 276(W) x 70(H)mm
MAXIMUM DIMENSION	190(D) x 276(W) x 78.5(H)mm
WEIGHT	Approx. 4.3lbs / 1.9Kg
FAN NOISE	39dB
ACCESSORIES	
	Power cable (1.8m), Computer cable (1.8m, Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male)), Video cable (RCA Yellow), Mouse cable (USB Mouse cable), Remote Control, Soft Carrying Bag, User's manual

*Specifications are subject to change without notice due to technological improvements.



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