

EPSON® EMP-821

The EPSON EMP-821 2600 ANSI lumens desktop video projector is perfect for training, seminars or conference rooms. Featuring high brightness, low fan noise and EPSON's advanced imaging technologies, it offers a range of great features at a sensible price.

AFFORDABLE BRIGHTNESS

For many larger venues the EPSON EMP-821 XGA projector is a brilliant value-for-money choice. Well designed with low noise, high brightness, and simple operation this projector has everything a teacher or trainer could want. With a wide range of inputs, a high zoom ratio, auto keystone correction and an easy one-foot stand, your audio visual session will be up and running in no time.

HIGH QUALITY PRESENTING TOOL

- 3000 hour lamp life reduces running costs
- Project a 60" image from just 1.8m away
- Auto keystone correction ensures perfect images from any angle
- One-foot stand for easy height adjustment
- Wide choice of inputs
- Monitor-out socket for use even when the power is off
- Easy to use help function
- Front fan exhaust directs heat away from audience
- Energy efficient and easy lamp replacement by user
- Optional network function allows the projector to be controlled remotely from a network



- High brightness 2600 ANSI lumens XGA video projector
- 1900 ANSI lumens in low brightness mode
- Fan noise as low as 30dB
- Up to 3000 hours lamp life for lasting performance
- EPSON LCD advanced imaging technology
- High lens zoom ratio 1:1.6 means great flexibility in installation

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Specifications

MODEL	EMP-821
PROJECTION SYSTEM	3LCD Advanced Imaging Technology
PROJECTION METHOD	Front / Rear / Ceiling Mount
SPECIFICATION OF MAIN PARTS	
LCD	Size: 0.8 inches with MLA Driving Method: Poly-silicon TFT Active Matrix Pixel Number: 786432 dots (1024x768) x 3 Native Resolution: XGA Aspect Ratio: 4:3 Refresh Rate: 72Hz
Projection Lens	Type: Manual: zoom / focus; F-number: 1.75 - 2.42; Focal Length: 24mm - 38.2mm; Zoom Ratio: 1 - 1.6
Lamp	Type: 200W UHE; Life: 2000h (High Brightness)/3000h (Low Brightness)
SCREEN SIZE (PROJECTED DISTANCE)	30 to 300 inch [1.42 to 14.73m] (Zoom: Tele), 30 to 300 inch [0.86 to 9.09m] (Zoom: Wide), 60" screen 1.8m-2.9m
KEYSTONE CORRECTION RATIO	10:1
BRIGHTNESS	
High Brightness Mode	2600 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)
Low Brightness Mode	1900 ANSI lumens (Colour mode: Dynamic, Zoom: Wide)
CONTRAST	500:1 (Colour mode: Dynamic, High Brightness Mode)
BRIGHTNESS UNIFORMITY	90% (Typ.)
COLOUR REPRODUCTION	Full Colour (16.77 million colours)
SOUND OUTPUT	5W Monaural
FUNCTIONS	Effect, User Logo, AV mute, Freeze
EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)	
Pixel Clock	13.5MHz to 230MHz
Horizontal	15KHz to 107KHz
Vertical	50Hz to 120Hz
ADJUSTMENT FUNCTIONS	
Projector/Remote Control	Keystone / Brightness / Contrast / Tint / Saturation / Sound / Input signal etc.
Foot Adjuster	Front centre, Rear
Tilt Angle	-4 to 12 degrees (Front only: 0 to 12 degrees)
Keystone Correction	Vertical: -15 to +15 degrees (Zoom: Tele)
Auto Keystone Correction	Implemented; Vertical: -15 to +15 degrees (Zoom: Tele)
Auto Detection of RGB/YCbCr	Implemented
Operation Panel Protected Function	Implemented
Password Protected Function	Implemented (Protection of User Logo, Time Lock)
ANALOG RGB I/O	
Display Performance	Native: 1024 x 768 dots
Input Terminal	Video: Mini D-sub 15pin x 2 Blue-molding; Audio: Stereo mini-jack x 2
Output Terminal	Video: Mini D-sub 15pin x 1 Black-molding; Audio: Stereo mini-jack
VIDEO I/O	
Display Performance	NTSC: 560 line; PAL: 560 line (Depends on observation of the multi-burst pattern)
Video Standard:	Video Standard: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
Input Terminal	Video: Composite Video: RCA (Yellow) x 1; S-Video: Mini DIN; Component Video: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector); Video-RGB: Mini D-sub 15pin Blue-molding (in common with Analog RGB connector); Audio: Stereo mini-jack x 2
CONTROL I/O	
USB I/O	I/O Terminal: USB connector series B x 1 (for mouse, K/B, control)
SERIAL I/O	I/O Terminal: Mini D-sub 9pin x1; I/O Signal: RS-232C
OPERATING TEMPERATURE	5°C to 35°C <41°F to 95°F>
POWER SUPPLY VOLTAGE	100-240VAC ±10%, 50/60Hz
POWER CONSUMPTION	Lamp ON 280 W; Standby(Network OFF) 5W
DIMENSIONS (d x w x h)	272 x 350 x 109mm (excluding feet); 272 x 351 x 123mm (max)
WEIGHT	Approx. 8.9lb / 4.0Kg
FAN NOISE	
High Brightness Mode	36dB
Low Brightness Mode	30dB
ACCESSORIES	Power Cable; Computer Cable: 1.8m Mini D-sub 15pin (male) - Mini D-sub 15pin (male); USB Cable: 1.8m, USB A - USB B; Remote Control: Included; Audio Adapter: 3.5mm stereo mini-plug (male) - 2RCA (female); Owner's Manual: Attached
OPTIONS	Spare Lamp (ELPLP30), Air Filter Set (ELPAF06), Soft Carrying Case (ELPKS27), Ceiling Mount (Silver) ELPMB07, Ceiling plate for hanging ceiling mount (ELPFC03), Pipes 370, 570, 770 in 3 lengths (ELPFP04,05,06)
WARRANTY	3 year next day on-site (UK and Republic of Ireland), 2 year Worldwide



EPSON EMP-821 interfaces



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