EPSON® EMP-835/830

EPSON's latest projectors bring state-of-the-art network technologies, superb image quality and a wealth of new features to business presentations. They are ideal for larger rooms with substantial screen sizes, including larger corporate and education venues.

3000 ANSI LUMENS BUSINESS PROJECTORS

EPSON takes the audiovisual market forward with two new 3000 ANSI lumens XGA projectors. In addition to the latest generation wireless, PC-less EasyMP and network technology*, they offer an unbeatable combination of quality, flexibility, and a range of new features – lower fan noise, quick setup, more inputs – that will add impact to your presentations.

NEW, FAST, STATE-OF-THE-ART NETWORK PRESENTING

- Fastest (11G), most secure wireless LAN with EasyMP technology*
- PC-less presentations via USB terminal and PC card slot
- USB compatible sources: MPEG2 movies, PowerPoint by SlideMaker 2 and pictures (JPEG, BMP, PNG, GIF)*
- New EPSON auto image screen adjustment software
- Clear sound from internal 5W speaker
- Up to 3000 hour lamp life for lasting performance
- New high efficiency, easy to replace lamp
- Sharp, vivid images with 600:1 contrast ratio

*EPSON EMP-835

3 LCD ADVANCED IMAGING TECHNOLOGY ™

- **Superb images in larger venues with 3000 ANSI lumens & XGA resolution**
- **PC-less presentations***
- **High-speed 11G wireless network connection***
- **Extremely quiet fan noise as low as 28dB, with long lamp life**
- **1:1.6 zoom lens for a higher zoom ratio**
- **EPSON LCD advanced imaging technology**

EPSON® EMP-835/830

114mm
280mm
365mm

Specifications

EPSON EMP-835 interfaces

EPSON EMP-830 interfaces

MODEL	EPSON EMP-835 / EPSON EMP-830
PROJECTION SYSTEM	EPSON LCD advanced imaging technology
PROJECTION OPTIONS	Front / Rear / Ceiling Mount
LCD	Size: 0.8 inches with MLA; Driving Method: Poly-silicon TFT Active Matrix;
	Pixel Number: 786 432 dots (1024x768) x 3; Native Resolution: XGA;
	Aspect Ratio: 4:3; Refresh Rate: 72Hz
Projection Lens	Type: Motorized - 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 Mode) / 3000h (Silent Mode)
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	3000 ANSI lumens (High Brightness Mode) / 2200 ANSI lumens (Silent Mode)
CONTRAST	600:1
BRIGHTNESS UNIFORMITY	90%
COLOUR REPRODUCTION	Full Colour (16.77 million colours)
VIDEO QUALITY	3D Y/C separation (NTSC only), Motion compensated Interlace-Progressive conversion (3-2 film detection only)
SOUND OUTPUT	5W Monaural
FUNCTIONS	Pointer, PIP, Preview, User Logo, A/V mute, Freeze
COLOUR MODES	Dynamic, Presentation, Theatre, Living Room, sRGB
EFFECTIVE SCANNING FREQUENCY RANGE	Pixel Clock: 13.5MHz to 230MHz up to UXGA 85Hz / Horizontal: 15KHz to 107KHz / Vertical: 50Hz to 120Hz
ADJUSTMENT FUNCTIONS	Keystone Correction: Vertical: -45 to +45 degrees (Zoom: Tele), Horizontal: -25 to +25 degrees (Zoom: Tele), Tilt Angle: -4 to 12 degrees
Features	Quick Setup, Auto Quick Corner, Auto Focus, Auto Source Search, Password Protection
	Wall Shot: Automatic adjustment of colour and brightness to the projection surface by sensor
ANALOG RGB I/O	
Input Signal	Signal type: Separate signal; Video Signal: Analog (0.7V p-p,75 ohm/ Mac0.714Vp-p, 75ohm)
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)
Input Signal	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: RCA (White/Red) x 2
CONTROL I/O	
USB I/O	I/O Terminal: EPSON EMP-835;USB connector series B x1 (for mouse, K/B, control) USB connector series A x1 (for IM-X);
	EPSON EMP-830; USB connector series B x1 (for mouse, K/B, control)
Serial I/O	I/O Terminal: Mini D-sub 9pin x1; I/O Signal: RS-232C
PCMCIA Card Slot	Type II x1, EPSON EMP-830; No connector
Network Interface	RJ45 x1 Wireless / Wired LAN card; EPSON EMP-830; RJ45 x1 (for Network control only)
Input Terminal	Remote Control: Stereo mini jack x1
OPERATING TEMPERATURE	5°C to 35°C <41°F to 95°F> (20% -80% Humidity)
DIRECT ON/OFF	Yes
COOL-DOWN PERIOD	0 second (Self Cool)
POWER SUPPLY VOLTAGE	100 - 240VAC 3.3 - 1.5A 50/60Hz (1.4W at standby)
DIMENSIONS	Excluding Feet (w x d x h): 365 x 280 x 114mm
WEIGHT	Approx. 10.4lb / 4.7Kg
FAN NOISE	34dB (High Brightness Mode) / 28dB (Silent Mode)
ACCESSORIES	Power cord; Computer cable: 1.8m Mini D-sub 15pin (Male) - Mini D-sub 15pin (Male); USB cable: 1.8m,USB A/USB B;
	Remote Control; Battery: Alkaline AA x 2; Wireless LAN card: EPSON EMP-835 802.11g; Software:
	EPSON EMP-835 EasyMP Software (CD-ROM), EPSON EMP-830 EPSON Projector Software (CD-ROM)
OPTIONS	Spare Lamp (ELPLP31), Air Filter Set (ELPAF07), Soft Carrying Case (ELPKS52), Hard Travel Case (ELPKS53),
	Ceiling Mount (Silver) (ELPMB07), Ceiling Plate (Silver) For using the Ceiling Mount, with pipes (ELPFC03),
	Ceiling Pipe (Silver) 370mm (EPLFP04), 570mm (EPLFP05), 770mm (ELPFP06)
WARRANTY	3 year next day on-site (UK and Republic of Ireland), 2 year Worldwide Warranty

EasyMP PART	EPSON EMP-835	EPSON EMP-830
Function	Projector control and projector management via network,	
	E-mail notification, SNMP, Card Player (with USB storage player),	
	Network Screen, Easy Web	
Software	EMP Monitor Ver3.03 (for Windows), EMP Network Manager	EMP Monitor Ver3.03 (for Windows),
	(via Web site), EMP NS Connection Ver1.30 (for Windows),	EMP Network Manager Ver1.02 (for Windows)
	EMP NS Connection Ver1.01 (for Mac), EMP Slide Maker2 Ver1.11	
Security (Wireless LAN)	WPA, CCX (Cisco)	

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