

EPSON® EMP-8300



Superior Networkable installation projector for large venues

- High Brightness 5,200 ANSI lumens XGA projector
- Full and smart network capabilities with EPSON EasyMP.net
- Excellent video projection with 1500:1 contrast ratio
- Perfect projection shape with EPSON Quick Corner
- Motorized optics for perfect installation setting
- EPSON Preview function enables on-screen full view of input sources

EPSON® EMP-8300

The flagship installation projector for the new generation

EasyMP.n

EPSON is proud to introduce the EPSON EMP-8300 LAN Networkable XGA installation projector, a presentation system of unrivalled quality that is perfect for the most demanding environments, projecting over large distances.

OUTSTANDING BRIGHTNESS FOR EVERY PRESENTATION

This projector meets three main principles: Powerful performance, easy and smart installation, and intelligent functions which make it ideal for clubs, lecture halls, meeting rooms and presentation suites. Featuring comprehensive network functions and a range of virtual tools, the EPSON EMP-8300 is also incredibly easy to set-up and use.

With its stunning brightness and clarity, the EPSON EMP-8300 is perfect for even the largest and most challenging venues. The latest EPSON

1.4" Dream III LCD panels and the newly developed optical engine together achieve a very powerful 5200 ANSI lumens brightness. The EPSON EMP-8300 delivers a range of smart possibilities when it comes to lamp life cycle. By switching into Silent Mode, lamp life is lengthened to 3,000 hours and operation noise is significantly reduced down to 33dB.



Conference room
Seating capacity: 560
Size: 14000ft² x 11450ft²
Projection screen size: 30ft x 20ft



Alongside this, the EPSON EMP-8300 has an exceptional contrast ratio of 1500:1. This creates a much greater light performance, giving much clearer projections with more contrast depth. Being specifically for the larger venue, the EPSON EMP-8300 also boasts a vastly improved air filter to offer strong resistance to dust and other airborne particles.

Easy Angle Adjustment with EPSON Quick Corner

To keep the projected image shape square and undistorted at all times, the EPSON EMP-8300 boasts EPSON's new Quick Corner technology. Advancing on the standard vertical and horizontal keystone correction system,

Quick Corner enables a perfect image even when the projector is offset from the screen. With straightforward use via an on screen menu, Quick Corner can compensate for an incredible range of installation angles up to +/- 45° vertical and +/- 40° degree horizontal.



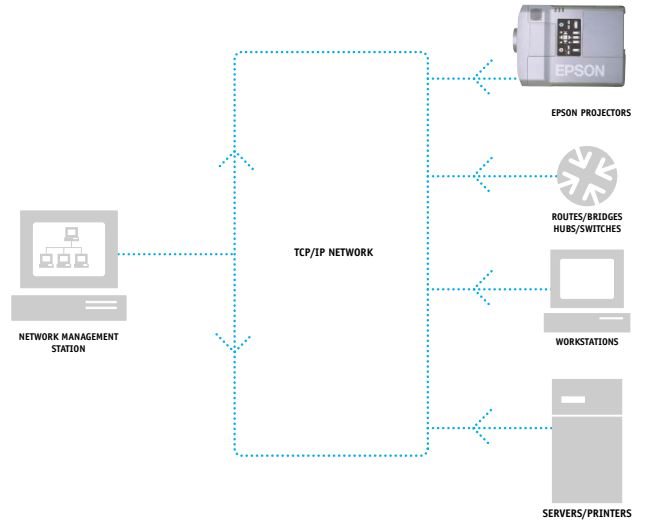
SIMPLE NETWORK MANAGEMENT PROTOCOL

net™

EPSON EasyMP.net

The EPSON EMP-8300 has been specifically designed to integrate seamlessly into a network environment. For best results, EPSON's EasyMP.net technology can be used to control many of the EPSON EMP-8300's functions and features over the network, making

operation as simple and convenient as possible. With TCP/IP capabilities a Simple Network Management Protocol (SNMP) can be established so that the user has complete control, with the ability to check alerts and errors as soon as they happen.



KEY FEATURES

- Stunning image clarity with 5,200 ANSI lumens brightness
- Fully networkable projector with EPSON EasyMP.net
- Superb image quality with high contrast ratio 1500:1
- Total screen geometry control with EPSON Quick Corner
- Simple input source selection with easy to use EPSON Preview
- Remote adjustment with motorized optics
- Virtually dust proof with newly developed air filter
- Range of optional lenses



EPSON Preview Function

The EPSON EMP-8300 has been meticulously designed to give complete user control over all aspects of performance. To assist selection of an input source, EPSON's unique Preview Function feature makes the process as simple and quick as possible, giving an on-screen one-touch selection. Alongside its comprehensive network facilities,

the EPSON EMP-8300 also boasts an advanced new remote controller that gives control over many functions and even over nine different projectors simultaneously. Indeed, many projector settings can be easily adjusted and fine-tuned, thanks to EPSON's improved motorized optics within the zoom, focus and lens shift aspects.

The EPSON EMP-8300 has a range of six optional lenses that enables the user to install the projector in a way that perfectly suits any circumstance and environment.



**EPSON reliability guaranteed
under 3 years European Warranty
and CoverPlus programme**

EPSON® EMP-8300

Specifications

MODEL	EPSON EMP-8300	
PROJECTION SYSTEM	RGB Liquid Crystal Shutter Projection System	
PROJECTION METHOD	Front / Rear / Ceiling Mount	
SPECIFICATION OF MAIN PARTS		
LCD	Size	1.4inches with MLA (x3)
	Driving Method	Poly-silicon TFT Active Matrix
	Pixel number	786432 dots (1024x768) x3
	Native Resolution	XGA
	Aspect ratio	4:3
	Pixel Arrangement	Stripe
	Refresh rate	60Hz
Projection	Type	Electrical: zoom / focus / lens shift
	F-number	1.7-2.2
	Focal length	53-72mm
	Zoom ratio	1-1.35
Lamp	Type	320W UHE
	Life	2000H (Normal mode) / 3000H (Silent mode)
OPTICAL SYSTEM	Dichroic Mirror Separation & Prism combine Method	
SCREEN SIZE (PROJECTED DISTANCE)	22 to 300inch [1.1 to 15m] (Zoom: Tele), 30 to 300inch [1.1 to 11m] (Zoom: Wide)	
KEYSTONE CORRECTION RATIO	10:0-0:10	
BRIGHTNESS		
Normal mode	5200 ANSI lumens (Lens shift: Center, Color mode: Dynamic, Zoom: Wide)	
Silent mode	3000 ANSI lumens (Lens shift: Center, Color mode: Dynamic, Zoom: Wide)	
CONTRAST		
Normal mode	1200:1	
Silent mode	1500:1	
BRIGHTNESS UNIFORMITY	90%(Typ.) (Lens shift: Center)	
COLOR REPRODUCTION	Full Color (16.77million colors)	
VIDEO QUALITY	3D Y/C separation (NTSC only), Interlace-Progressive conversion (3-2/2-2 film detection, motion detection, Jaggy reduction)	
SOUND OUTPUT	7W Monaural	
FUNCTION	Effect, PIP, Preview, User Logo, A/V mute, Freeze	
EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)		
Pixel Clock	13.5MHz to 230MHz	
Horizontal	15KHz to 107KHz	
Vertical	50Hz to 120Hz	
EFFECTIVE SCANNING FREQUENCY RANGE (DIGITAL)		
Pixel Clock	25MHz to 135MHz	
Horizontal	15KHz to 80KHz	
Vertical	50Hz to 85Hz	
ADJUSTMENT FUNCTION		
Projector/Remote Control	Keystone/ Brightness/ Contrast/ Tint/ Saturation/Sound/ Input signal etc.	
Tilt Angle	0 to 9 degrees	
Keystone Correction	Vertical: -45 to +45 degrees, Horizontal: -40 to +40 degrees (Lens shift: Center, Zoom: Tele)	
Auto Keystone Correction	No	
ANALOG RGB I/O		
Display Performance	Native	1024 x 768 dots
Input Terminal	Video	Mini D-sub 15pin x 2 Blue-molding 5BNC x 1
	Audio	Stereo mini jack x 2 (for Mini D-sub 15pin) RCAx2 (for 5-BNC)
Output Terminal	Video	Mini D-sub 15pin x1 Black-molding
	Audio	Stereo mini jack
DIGITAL RGB I/O		
Display Performance	Native	1024 x 768 dots
Input Terminal	Video	DVI TypeD x 1
	Audio	Stereo mini jack
VIDEO I/O		
Display Performance	NTSC: 560 line Audio signal Video	PAL: 560 line (Depend on observation of the multi burst pattern) 500Vrms / 47Kohm 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) RCA (White/Red) x 2
Input Terminal	Audio	
CONTROL I/O		
USB I/O	I/O terminal	USB connector series B x1 (for mouse, K/B, control)
Serial I/O	I/O terminal I/O signal	Mini D-sub 9pin x1 RS-232C RJ45 x1
Network interface	Remote Control	Stereo mini jack x1
POWER SUPPLY VOLTAGE	100-240V ±10% , 50/60Hz AC	
POWER CONSUMPTION	100 - 240VAC 5.4 - 2.5A 50/60Hz	
DIMENSION		
Exclude Projection lens & Feet	491(D) x 349(W) x 179(H) mm	
Maximum dimension	491(D) x 352(W) x 194(H) mm	
WEIGHT	Approx. 24.7lbs / 11.2Kg	
FAN NOISE		
Normal mode	36dB	
Silent mode	33dB	
ACCESSORIES		
Power cord	3m	
Computer cable	1.8m Mini D-sub 15pin (Male) - Mini D-sub 15pin(Male)	
Audio cable	1.8m Stereo mini jack	
Remote Control	attached (new)	
Battery	Alkaline AA x 2	
Cable cover		
IM-M support software	CD-ROM	
Owner's manual	attached	
OPTIONS	Lamp unit, Air Filter Set, Ceiling Plate, Pipe 370MM/770MM, Hard travel case, Long and middle throw lens, Rear projection wide lens, Standard lens, Wide zoom lens, Ceiling mount 50/60/80" portable screen	
WARRANTY	UK-3 year next day on site repair or replace Ireland-3 year next day on site repair or loan	



EasyManagement Contents

FUNCTION	PROJECTOR CONTROL AND PROJECTOR MANAGEMENT VIA NETWORK
	E-MAIL NOTIFICATION
	SNMP
SOFTWARE	EMP MONITOR (FOR WINDOWS®)
	EMP NETWORKMANAGER (FOR WINDOWS®)
ACCESSORIES	EPSON PROJECTOR SOFTWARE

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