

EPSON®

EMP-830 & EMP-835 PROJECTORS

MULTIMEDIA
PROJECTORS



A New Standard of Performance in Corporate Projectors

- Brilliant 3000 ANSI lumens
- Contrast Ratio 600:1
- Powered Zoom & Focus
- Wide 1.6x Zoom Ratio
- Easy & Quick Set-up
- 802.11g/b (54Mb) Wireless Connectivity (EMP-835 only)
- PC-free Presentation (EMP-835 only)

™
3 LCD
ADVANCED IMAGING TECHNOLOGY

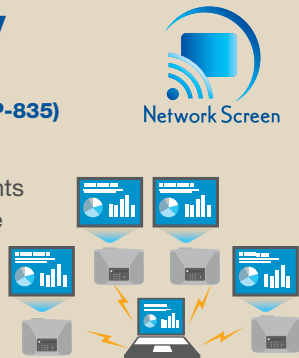


Designed to suit a wide range of corporate presentation environments, the EPSON EMP-830 and EMP-835 projectors deliver superb brightness, quality, versatility and value. Both projectors incorporate cutting-edge features unique to EPSON, the leader in LCD projector technology.

EasyMP Technology

Wireless solution (EPSON EMP-835)

The EPSON EMP-835's high-speed wireless capability (802.11g/b) represents new levels of presentation performance and freedom. Capable of wirelessly connecting up to 4 projectors simultaneously – masses of tangled cables in presentation rooms are now a thing of the past.



PC-Free Presentation (EPSON EMP-835)

Straight forward connection of USB memory devices and PC cards containing pictures, presentations and movies (MPEG2) without the need for a PC. It's that simple.



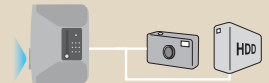
USB Memory

PC Card

USB Storage Compatibility

Powerpoint presentations, JPEG and MPEG2 files can be projected directly from USB devices, such as Hard Disk Drives (HDD) and digital cameras.

Capable of projecting from USB devices

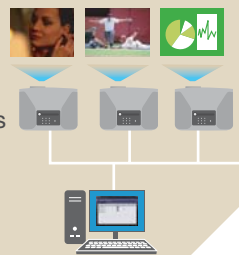


Advanced Security (EPSON EMP-835)

Security is one of the most important issues in today's wireless environments. The EPSON EMP-835 has been designed with full support for WEP, WPA and LEAP encryption and authentication standards.

Network Functionality

Both the EPSON EMP-830 and EMP-835 are ideal for networked environments, with EPSON's advanced networking technologies that feature automatic e-mail notification of projector problems, remote monitoring and single PC control over multiple LAN-connected projectors.



Quick Set-up

Auto Focus / Auto QuickCorner

The EPSON EMP-830 and EMP-835 are incredibly easy to set-up. Just a press of the "Quick Set-up" button and the projector will automatically size the image, correct the keystoneing and focus the picture.



Auto QuickCorner



Wall Shot

One press of the "Wall Shot" button and the EPSON EMP-830 and EMP-835 automatically detect the colour of the projection surface and adjusts the image colour accordingly. Beautiful images can be projected even without a traditional white screen.



Wall Shot



Background Colour

Before Wall Shot

After Wall Shot

EPSON®

MULTIMEDIA
PROJECTORS

EPSON EMP-830 & EMP-835 PROJECTORS

Specifications



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08/04

PROJECTION SYSTEM RGB Liquid Crystal Shutter Projection System

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	786,432 dots (1024 x 768) x3
	Native Resolution	XGA
	Aspect Ratio	4:3
	Pixel Arrangement	Stripe
PROJECTION LENS	Refresh Rate	72Hz
	Type	Manual: zoom / focus
	F-number	1.75 - 2.42
	Focal length	24 - 38.2mm
	Zoom ratio	1 - 1.6
LAMP	Type	200W UHE

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 3000 ANSI lumens
(Colour mode: Dynamic, Zoom: Wide)

LOW BRIGHTNESS MODE 2200 ANSI lumens
(Colour mode: Dynamic, Zoom: Wide)

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

FUNCTION 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 FUNCTION

PROJECTOR / REMOTE CONTROL Keystone / Brightness / Contrast / Tint /
Saturation / Sound / Input signal etc.

TILT ANGLE -4 to 12 degrees

KEYSTONE CORRECTION Vertical: -45 to +45 degrees (Zoom: Tele)
Horizontal: -25 to +25 degrees (Zoom: Tele)

ANALOGUE RGB I/O

DISPLAY PERFORMANCE Native 1024 x 768 pixels

INPUT SIGNAL Signal type Separate signal

Video Signal Analogue (0.7Vpp, 75ohm /
Mac 0.714Vpp, 75ohm)

Sync. Signal Separate (positive & negative,
bi-polarity 2-5Vpp) / Composite
(positive & negative, bi-polarity
2-5Vpp) / Sync-on-green
(negative, 0.3Vpp)

INPUT TERMINAL Audio Signal 500mVrms / 47Kohm

Video Mini D-sub 15pin x 2
Blue-moulding

OUTPUT SIGNAL Audio Stereo mini-jack x 2

Video Signal Analogue (0.7Vpp, 75ohm /
Mac 0.714Vpp, 75ohm)

Sync. Signal Separate (positive & negative,
TTL) / Composite (positive &
negative, TTL) / Sync. on green
(negative 0.2 - 0.4Vpp)

OUTPUT TERMINAL Video Mini D-sub 15pin x 1
Black-moulding

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

Video Signal Composite Video (1.0Vpp /
Sync.negative, 75ohm) /
S-Video (Luminous 0.714Vpp,
Chrominous 0.286Vpp, 75ohm) /
Component Video (Analogue Y
level 0.75V 75ohm / Cr Cb level
+/-0.35V 75ohm / sync.
negative 0.3V or 3-state
+/-0.3V on Y) / Video-RGB
(0.7Vpp, 75ohm / Mac 0.714)

Audio Signal 500mVrms / 47Kohm
Video Composite Video:
RCA (Yellow) x 1,
S-Video: Mini DIN,
Component Video: Mini D-sub 15pin,
Blue-moulding (in common with
Analogue RGB connector)
Video-RGB: Mini D-sub 15pin
Blue-moulding (in common with
Analogue RGB connector)

INPUT TERMINAL

Audio RCA (White / Red) 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 x 1

I/O Signal RS-232C

NETWORK INTERFACE RJ45 x 1 (for Network control only)

INPUT TERMINAL Remote Control Stereo mini jack x 1

OPERATING TEMPERATURE 5°C to 35°C <-41°F to 95°F> (20% - 80% Humidity)

POWER SUPPLY VOLTAGE 100-240V ±10%, 50/60Hz AC

DIMENSION

EXCLUDE FEET 280(D) x 365(W) x 114(H) mm

MAXIMUM DIMENSION 283(D) x 367(W) x 126(H) mm

WEIGHT Approx. 4.7Kg

FAN NOISE

HIGH BRIGHTNESS MODE 34dB

LOW BRIGHTNESS MODE 28dB

EASY MP

FUNCTION Projector control and projector management
via network / E-mail notification / SNMP

SOFTWARE EMP Monitor Ver 3.03 (for Windows®) /
EMP Network Manager V1.02 (for Windows® / Mac® OS)

PRODUCT CODE V11H146053

ACCESSORIES

POWER CORD 3m

COMPUTER CABLE 1.8m Mini D-sub 15pin (Male) - Mini D-sub
5 pin (Male)

USB CABLE 1.8m USB A / B

REMOTE CONTROL Included

BUNDLED SOFTWARE EPSON Projector Software (CD-Rom)

PASSWORD PROTECT SEAL Included

WARRANTY

STANDARD 2 years*

For warranty terms see www.epson.com.au/warranty

(*excluding lamp)

EMP-835 (ADDITIONAL SPECIFICATIONS)

CONTROL I/O

USB I/O I/O terminal USB connector series A x 1

PCMCIA CARD SLOT Type II x 1

NETWORK INTERFACE RJ45 x 1
Wireless / Wired LAN Card

EASY MP

FUNCTION Card Player (with USB storage player) / Network Screen /
Easy Web

SOFTWARE EMP Monitor Ver 3.03 (for Windows®) / EMP Network Manager
(via Web Site) / EMP NS Connection Ver 1.30 (for Windows®) /
EMP NS Connection Ver 1.01 (for Mac®) / EMP SlideMaker2
Ver 1.11

SECURITY (WIRELESS LAN) WPA, CCX (Cisco)

PRODUCT CODE V11H145053

ACCESSORIES

WIRELESS LAN CARD Attached 802.11g/b

BUNDLED SOFTWARE EasyMP Software (CD-ROM)



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