

EPSON[®] EMP-8100 Multimedia Projector

1024x768dpi

3200 ANSI Lumens

XGA



The world's first 3200 ANSI Lumens portable XGA multimedia projector

- True XGA 1024 x 768 resolution
- Ultra-bright 3200 ANSI Lumens
- Portable 8.3Kg
- Universal connectivity and compatibility
- Advanced Auto Set-Up and on screen menus
- Digital Visual Interface for digital inputs

EPSON[®] EMP-8100

Multimedia Projector



The EPSON EMP-8100 is a lightweight, high performance projector which suits both the installation and high-end portable markets. True XGA resolution and an ultra-bright 3200 ANSI lumens and contrast ratio of 400:1 make it perfect for a host of demanding presentation and conference applications.

Class-leading brightness is provided by a combination of a new 'ultra high efficient' 230W UHE lamp and triple high aperture 1.3" LCD panels with Micro Lens Array (MLA) technology. True XGA resolution is backed up by high quality VGA, SVGA, SXGA and UXGA display, thanks to Digital Active Resizing technology (DAR).

The new optional long-throw lens (4.9-6.6 ratio) adds flexibility, and correction of the angle, aspect ratio and shape of the projected image is possible by manual lens shift of up to 10 degrees and digital keystone correction of up to 30 degrees.

These features ensure pin-sharp accuracy and enable truly spectacular presentations. In fact, up to three EMP-8100s can be stacked together for triple luminosity, or four projectors can be combined and colour temperature adjusted to create a single image.

Whatever your individual requirements, the EPSON EMP-8100 delivers, with world-wide video and HDTV compatibility and simultaneous

connection of 2 video and 2 PC sources, with audio available for each and Digital Noise Reduction technology for video. Composite and S-video can be run simultaneously, while individual source keys enable rapid switching between sources. The picture-in-picture function can display a compressed video image on a PC image, while the Digital Visual Interface (DVI type D), enables the projector to receive digital displays.

Advanced Auto Set-Up automatically adjusts image, tracking, synchronisation and centring, with simple lockable on-screen menus and comprehensive Help function to keep you in full control at all times. Pre-programmed Presentation Effects software allows enhancements in real time, via the improved backlit remote controller, and EPSON ELP Link IV enables presentation enhancement from a computer.

A range of options are available for specialist requirements. These include Long Throw, Wide Zoom and Rear Projection Wide Angle Lenses, slide or hard copy projection, a sturdy Hard Carry Case and a stacking kit for up to 3 EMP-8100s.

A standard 1 year warranty is upgradeable to EPSON's CoverPlus 3 Year Warranty for extra peace of mind.

Specifications

Optical Features

- Display Technology
- Aspect Ratio
- Resolution
- Brightness – ANSI Lumens
- Illumination Uniformity
- Contrast Ratio
- Light Source
- Lamp Life
- Projection Distance
- Projection Image Size
- Zoom Operation
- Zoom Ratio
- Focus
- Digital Keystone Correction
- Manual Lens Shift
- VGA/SVGA/SXGA/UXGA display
- Scanning frequency

3 x Polysilicon TFT HA 1.3" LCD panels with MLA
4:3 with support for 5:4 and 16:9
1024 x 768
3200
90%
400:1
230W Ultra High Efficiency Lamp
2000 hours
1.1m to 32.8m
22 to 320 inches
Manual Adjustment
1:1.3
Manual Adjustment
±30°
10%
Digital Active Resizing (DAR) Technology
Horizontal: 15 - 107KHz
Vertical: 43 - 120Hz

Audio Features

- Output

2 built-in 3W speakers
Connectivity for external speakers

Input/Output Terminals

- 1 x Computer Input (manual Switch)

DVI Type D or HD - 15pin
Supports:
NEC400, VGACGA, VGAEGA, VGA60/72/75/85, SVGA56/60/72/75/85, XGA43i/60/70/75/85, SXGA1-70/75/85, SXGA2-60/75/85, SXGA3-43i/60/75/85, UXGA481/60/65/70/75, MAACL13, MAC II13, MAC16/19-60/21

- 1 x Monitor Output
- Computer Audio Input
- 1 x S-Video Input
- 1 X Composite Video Input

HD - 15pin
2 x RCA/3.5mm Stereo Mini Jack
4 pin mini DIN
RCA Jack, Supports NTSC, PAL, SECAM, NTSC 4.43, M-PAL, N-PAL, HDTV (480I, 480P, 720P, 1080I, 1080P)

- 1 x 5BNC Component or 5BNC Video (RGB)
- Video Audio Input & S-Audio
- Audio Line Output
- Mouse Input
- Remote Control Input

5BNC
2 x RCA Jacks
3.5mm Stereo Mini Jack
13 pin DIN
3.5mm Stereo Mini Jack

Remote Control Features

- Operation Distance
- Functions

Up to 10 metres (30ft)
Backlit buttons: Power, Comp 1, Comp 2/BNC, S-video, Video, Resizing, Auto, Preset, Picture-in-picture, Volume, Menu, A/V Mute, Freeze, Mouse, Electronic Digital Zoom, Pre-programmed effects 1-5, and HELP

General Characteristics

- Dimensions (wxdxh)
- Weight
- Power Consumption
- Power Supply - 100 to 120V/220 to 240V
- Noise Level

303 x 389 x 147mm (excluding lens and foot)
8.3Kg
360W (15W Standby)
100-120V/200-240V, ± 10%, 50/60Hz AC
<42dB

Warranty

Standard warranty
Optional warranty

1 year
EPSON CoverPlus 3 year Extended Warranty

Optional accessories



Long Throw Zoom Lens (ELPLL02)



EMP Portable Screen (ELPSC06)



Portable Hard Carry Case (ELPKS15)



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