

Recommendation for Lecture Hall and Classroom use: Epson Pro EX9240 3LCD Full HD 1080p Wireless Projector with Miracast

Specifications

1. Projection System Epson® 3LCD, 3-chip technology
2. Projection Method Front/rear/ceiling mount
3. Driving Method Epson Poly-silicon TFT Active Matrix
4. Color Brightness Color Light Output: 4,000 lumens
5. White Brightness White Light Output: 4,000 lumens
6. Aspect Ratio 16:9
7. Output Resolution 1080p (1920 x 1080)
8. Supports 16:10, 4:3
9. Lamp Type 230 W UHE
10. Lamp Life Normal Mode: Up to 5,500
11. ECO Mode: Up to 12,000 hours
12. Size (Projected) 30" – 300"
13. Keystone Correction Auto Vertical: ± 30 degrees
14. Keystone Correction Manual Horizontal: ± 30 degrees
15. USB Plug 'n Play Projects audio and video, PC and Mac® compatible
16. Contrast Ratio Up to 16,000:1
17. Color Reproduction Up to 1.07 billion colors

Projection Lens

1. Type Optical zoom/Manual focus
2. F-Number 1.51 – 1.99
3. Focal Length 18.2 mm – 29.2 mm
4. Zoom Ratio Manual zoom 1.0 – 1.6
5. Throw Ratio Range 1.32 – 2.14

Interface

1. 2x HDMI
2. Computer/component video: 1x D-sub 15-pin
3. Composite video: 1x RCA (Yellow)
4. Audio In: 1x RCA (White/Red)
5. 1x USB connector Type A: PC-free USB and other
6. 1x USB connector Type B: USB Plug 'n Play

Other

1. Display Performance NTSC: 1080p, HC, 2D, 3D

2. Input Signal HDMI: TMDS Video Compatibility: 2D: WXGA60 Hz, WXGA, SXGA, XGA, SVGA, VGA 3D: 720p 50/60 Hz, 1080i 50/60 Hz, 1080p 50/60/24 Hz
3. Computer Compatibility PC, Mac
4. Speaker 16 w mono
5. Media Format 16:9
6. Operating Temperature 41 ° to 104 °F (5 ° to 40 °C)
7. Power Supply Voltage 100 - 240 V AC +/- 10%, 50/60 Hz
8. Power Consumption Normal Mode: 345 W ECO Mode: 235 W (lamp on) Energy Saving 0.3 W
9. Fan Noise Normal Mode: 37 dB Quiet Mode: 28 dB

Support

1. Epson Connection Pre-sales support: U.S. and Canada 800-463-7766
2. Internet website: www.epson.com
3. Service Programs 1-year projector limited warranty, Epson Extra CareSM Road Service program, PrivateLine[®] dedicated toll-free support and 90-day limited lamp warranty

Recommendation for MPC Auditorium: Epson EB-PU2216B 16,000-Lumen 3LCD Large Venue Laser Projector with 4K Enhancement)

Specifications

1. Projection System - High-aperture Epson 3-chip 3LCD technology
2. Projection Method - Front/rear/ceiling mount
3. Driving Method - Poly-Silicon TFT Active Matrix
4. Pixel Number - 2,304,000 dots (1920 x 1200) x 3
5. Signal Input - Maximum Display Resolution: 4096 x 2160 (resizing display); Display Resolution: 1920 x 1200 pixels
6. Native Resolution - WUXGA with 4K Enhancement¹ (1920 x 1200 x 2) Resolution on Screen WUXGA with 4K Enhancement¹/4.6 million pixels
7. Aspect Ratio Supports 4:3, 16:10, 16:9*, 21:9* With vertical image shift control within letterbox area
8. Pixel Arrangement Cross stripe
9. Color Brightness Color Light Output: 16,000 lumens
10. White Brightness White Light Output: 16,000 lumens
11. Contrast Ratio 5,000,000:1 (Dynamic Contrast: On)
12. Brightness Uniformity (Typical) 85%
13. Color Reproduction Up to 1.07 billion colors
14. Keystone Correction Vertical: ±45 degrees Horizontal: ±30 degrees
15. Illumination Technology Laser Diode

Interfaces

1. 3G-SDI in/out
2. HDMI x 1 (HDCP 2.3)
3. HDBaseT x 1
4. DVI-D x 1
5. VGA x 1
6. Variable Audio Out: Mini Stereo x 1
7. USB Type-B x 1
8. USB Type-A x 2 (5 V, 2.0 A)
9. USB Type-A for Wireless LAN (Optional)
10. Serial: RS-232c x 1 (9-Pin)
11. Remote Mini Stereo
12. Network: RJ-45

Projection Lens (Standard)

1. Type Powered shift/focus/zoom
2. F-Number 2.0 – 2.1
3. Focal Length 14.8 mm – 17.7 mm
4. Zoom Ratio Optical Zoom: 1.0 – 1.6x
5. Throw Ratio Range 1.57 – 2.56
6. Lens Shift Vertical: $\pm 60\%$; Horizontal: $\pm 18\%$

Other Features

1. Operating Temperature 32 °F to 122 °F (0 °C to 50 °C)
2. Power Supply Voltage 100 V – 240 V AC $\pm 10\%$, 50 Hz – 60 Hz
3. Power Consumption
 1. 1,118 W (Normal/Custom)
 2. 791 W (Quiet/Extended)
 3. 2.0 W Standby (Network Standby)
 4. 0.4 W Standby (Energy Saving)
4. Fan Noise 38 dB (Normal Mode); 34 dB (Eco)
5. IP Rating IP5X1
6. Security Security cable hole, lens lock, Kensington® lock provision, wireless LAN unit lock

Video I/O

1. Input Signal Input Video Signal (HDMI®, DVI-D and HDBaseT® ports)
480i/480p/576i/576p/720p/1080i/1080p/3840 x 2160/ 4096 x 2160
2. Auto Power On Signal Detection on HDMI/Plug-In Detection (HDMI, VGA 15-Pin)
3. Sleep Mode Yes (with timer)
4. HDMI CEC Control Yes

Limited Warranty and Service

1. Warranty Three-year limited in the U.S. and Canada
2. Service Toll-free telephone support, Monday through Friday
3. Epson Connection Pre-Sales Support (U.S. and Canada): 800-463-7766 Website:
www.epson.com

IMPORTANT:

1. All User Manuals/supporting documents must be in English (US).
2. Uninterruptible Power Supply must be included