Epson EB-810E

DATASHEET / BROCHURE



EB-810E

Best for meeting rooms and classrooms. 4K Enhanced super-ultra-short-throw laser display with 5,000 lumens and wireless connectivity.

EB-810E's super-ultra-short-throw lens allows discreet positioning close to the wall, enabling presenters free access without casting shadows. With 5,000 lumens CLO and 3LCD technology, the EB-810E is bright and vibrant up-to 160", which enables content visibility from all angles and distances. The experience is immersive and it's extremely simple to use. Versatile wired and wireless connectivity options, including Miracast™ screen mirroring, ensure effortless, multi-device content sharing.Weighing only 12.3kg, it is highly portable, and the Epson Setting Assistant App makes setup quick and simple. The ideal display solution suitable for different room sizes, combined with flexible installation options.The EB-810E supports multiple aspect ratios and multi-projector edge-blending for a low cost, seamless, energy efficient ultra-wide display, perfect for video conferencing.Paired with Epson's Ambient Light Rejection Screen, the EB-810E's image quality could be mistaken for a video wall or LED display, but it is surprisingly affordable and consumes a fraction of the energy.

KEY FEATURES

- **Scalable 4KE display for any room**
  80-160" UST display for unrestricted viewing (no shadows/reflections)
- **Bright and energy efficient laser**
  5,000 lumens CLO with 3LCD technology for brighter colours
- **Effortless connectivity options**
  Auto-on, wired/wireless display with USB 2A output for smart sticks
- **Simple to use and built to last**
  Virtually maintenance free with 5-year, 12,000hr warranty
- **LED/Video wall alternative**
  Surprisingly affordable with low energy consumption

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PRODUCT SPECIFICATIONS

Epson EB-810E

TECHNOLOGY	
Projection System	3LCD Technology RGB liquid crystal shutter
LCD Panel	0.62 inches with C2 Fine
IMAGE	
Color Light Output	5000 Lumens - 3500 Lumens (economy)
White Light Output	5000 Lumens - 3500 Lumens (economy)
Resolution	1080p
High Definition	4K enhancement
Contrast Ratio	5,000,000
Light Source	Laser
Laser Light source	20000 hr Durability High, 30000 hr Durability Eco
Colour Video Processing	10 Bits Color
OPTICAL	
Throw Ratio	0.16 - 0.22:1
Zoom	Digital, Factor: 1 - 1.35
Lens	Optical
Screen Size	80 in - 160 in
Projection Lens F Number	1.8
Projection Lens Focal Length	2.3 mm
Projection Lens Focus	Manual
Offset	7 : 1
CONNECTIVITY	
Interfaces	HDMI in (2 x), RS-232C (1 x), USB 2.0 Type B (Service Only) (1 x), Miracast (1 x), Ethernet interface (100 Base-TX / 10 Base-T) (1 x), HDBaseT (1 x), USB 2.0-A (2 x), Wireless LAN IEEE 802.11a/b/g/n/ac (1 x), HDMI out (1 x)
Epson iProjection App	Ad-Hoc / Infrastructure
Network Protocol	HTTPS, IPv4, SNMP, IPv6, ESC/VP.net, PJLink
ADVANCED FEATURES	
Security	Padlock, Wireless LAN unit lock, Wireless LAN security, Password lock, Control panel lock, Kensington lock, Password protection
Other Features	21:9 aspect ratio support, 4K enhancement, A/V mute, Auto Power On, Edge Blending, Arc Correction, Auto source search, Direct Power on/off, Document Camera Compatible, Digital zoom, CEC compatible, Fit to Screen, Daisy chain Multi-Projection, Built-in speaker, Email notification, iProjection App, Wireless LAN capable, Web Remote, Web Control, Quick Corner, Customizable user logo, Home Screen, Horizontal and vertical keystone correction, Image Shift, JPEG Viewer, Long light source life, Power on button, Point correction, Ultra-wide display (16:6), Split-Screen-Function, Source function, PC Free, Schedule Function, Screen Mirroring
Video Colour Modes	DICOM SIM, Multi Projection, Blackboard, Natural, Presentation, Dynamic, Cinema
Projector Control	AMX, Crestron Integrated Partner, Extron XTP, Extron IP Link, Extron, AMX Device Discovery, Control4 Simple Device Discovery Protocol

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PRODUCT SPECIFICATIONS

GENERAL	
Power consumption	290 W, 192 W (economy), 0.4 W (standby)
Heat Dissipation	1,292 BTUperhour
Product dimensions	695 mm x 341 mm x 156 mm (Width x Depth x Height)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Included Software	Epson Creative Projection, EasyMP Multi PC Projection, Epson Projector Content Manager, Epson Projector Management, Epson Setting Assistant
Noise Level	Normal: 35 dB (A) - Economy: 26 dB (A)
Supported Temperature	Storage -10 °C - 60 °C
Supported Humidity	Operation 20 % - 80 %, Storage 10 % - 90 %
Options	WP System - ELPWP20
Room Type / Application	Huddle space / Portable, Boardroom, 4K Streaming, Meeting room / Classroom, Large Meeting Room / Auditorium, Signage / Retail, Visitor Attraction
Positioning	Ceiling Mounted, Desktop, Wall Mounted, TV Cabinet
Colour	White

OTHER

WHAT'S IN THE BOX

- Quick Start Guide
- Power cable
- Remote control incl. batteries
- Warranty Documents

OPTIONAL ACCESSORIES

- Air Filter - ELPAF64 - EH-LS800
  V13H134AE0
- Ceiling Mount - ELPMB22 - White
  V12H003B22
- Ceiling Mount - ELPMB30 - Low profile
  V12H526040
- Ceiling pipe - ELPFP13 - 668-918mm
  V12H003P13
- Ceiling pipe - ELPFP14 - 918-1168mm
  V12H003P14
- Control and Connection Box - ELPCB03 [240v]
  V12H927040DA
- Laser TV 100" ALR Screen - ELPSC35
  V12H002AD0
- Laser TV 120" ALR Screen - ELPSC36
  V12H002AG0
- Mobile A/V Cabinet - ELPCS01 - EB-810E / EB-815E
  V12HB45043
- Safety Wire - ELPWR01
  V12H003W01

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