EB-685W



DATASHEET / BROCHURE

















Innovative teaching solution with a large scalable screen size of up to 100 inches to display HD-ready WXGA content for enhanced learning.

The EB-685W's ultra-short-throw design allows you to present large images from a very short distance with minimised shadows and glare. With a brightness level of 3,500 lumens, an HD-ready WXGA resolution, a 14,000:1 contrast ratio, and HDMI input, students benefit from sharp, clear images.

High-quality, bright images

Epson's 3LCD technology ensures high-quality images with equally high White and Colour Light Output for vivid colours and bright images, even in daylight, and three times brighter colours than leading competitive projectors¹.

Keep costs down

Project for longer with improved reliability and a longer lamp life of up to 10,000 hours in eco mode.

Enhanced learning

Split-screen functionality allows two pieces of content to be displayed simultaneously without compromising on quality. The moderator function allows teachers to remain in control, choosing what content to display.

Optional wireless capability

Wirelessly display content easily from a range of smart devices and Google Chromebooks using our iProjection App².

Document camera compatibility

Connecting the optional Epson document camera allows you to easily display images and 3D objects with incredible detail for the whole class to see.

KEY FEATURES

- Up to 100-inch display and outstanding quality
 HD-ready WXGA resolution with Epson 3LCD technology
- Reliable Improved reliability and a longer lamp life
- Wireless Connectivity (Optional)
 Allows content to be shown from a range of devices
- Long lamp life
 Up to 10,000 hours in eco mode
- Ultra short throw projection
 For maximum installation flexibility





PRODUCT SPECIFICATIONS

TECHNOLOGY

Projection System 3LCD Technology LCD Panel 0,59 inch with D9

IMAGE

Colour Light Output 3.500 lumen- 2.900 lumen (economy) in accordance with IDMS15.4

White Light Output 3.500 lumen - 2.900 lumen (economy) in accordance with ISO 21118:2012

Resolution WXGA, 1280 x 800, 16:10

High Definition HD ready
Aspect Ratio 16:10
Contrast Ratio 14.000:1
Light source Lamp

Lamp 250 W, 5.000 h durability, 10.000 h durability (economy mode), 9.000 h durability (economy

mode)

Keystone Correction Manual vertical: \pm 3 $^{\circ}$, Manual horizontal \pm 3 $^{\circ}$

Colour Processing 10 Bits
2D Vertical Refresh Rate 100 Hz - 120 Hz
Colour Reproduction upto 1.07 billion colours

OPTICAL

Projection Ratio 0,28 - 0,37:1
Zoom Digital, Factor: 1 - 1,35

Lens Optical

 Image Size
 60 inches - 100 inches

 Projection Distance Wide
 0,4 m (60 inch screen)

 Projection Distance Tele
 0,6 m (100 inch screen)

 Projection Lens F Number
 1,6

 Focal Distance
 3,7 mm

 Focus
 Manual

 Offset
 5,8:1

CONNECTIVITY

USB Display Function 3 in 1: Image / Mouse / Sound

Interfaces USB 2.0 Type A, USB 2.0 Type B, RS-232C, HDMI in (3x), Composite in, RGB in (2x), RGB out,

Stereo mini jack audio out, Stereo mini jack audio in (3x), Microphone input, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n (optional), VGA in (2x), VGA out,

MHL

Epson iProjection App Ad-Hoc / Infrastructure

ADVANCED FEATURES

Security Kensington lock, Password lock, Security cable hole, Wireless LAN unit lock, Wireless LAN

security, Password protection

2D Colour Modes Dynamic, Cinema, Presentation, sRGB, Blackboard

Features Auto brightness adjustment, Automatic input selection, Built-in speaker, CEC compatible,

Customizable user logo, Digital zoom, Direct Power on/off, Document Camera Compatible, Dynamic lamp control, Easy OSD pre-setting, Home Screen, Long lamp life, Split-Screen-

Function, Wireless LAN capable

Interactivity No

Video Colour Modes Blackboard, Dynamic, Presentation, Sports, sRGB, Theatre, Whiteboard

Projector control via: AMX, Crestron, Control4

EB-685W

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- CD Manual
- Quick Start Guide
- Wall mounting bracket
- Warranty card
- Main unit





PRODUCT SPECIFICATIONS

GENERAL

Energy Use 354 W, 309 W (economy), 0,37 W (standby)

Supply Voltage AC 100 V - 240 V, 50 Hz - 60 Hz

Product dimensions 367 x 400 x 149 mm (Width x Depth x Height)

Product weight 5,7 kg

Noise Level Normal: 35 dB (A) - Economy: 30 dB (A) - Eco2: 29 dB (A)

Temperature $\begin{array}{ll} \mbox{Operation } 5^{\circ} \mbox{ C} - 40^{\circ} \mbox{ C}, \mbox{Storage } -10^{\circ} \mbox{ C} - 60^{\circ} \mbox{ C} \\ \mbox{Humidity} & \mbox{Operation } 20\% - 80\%, \mbox{Storage } 10\% - 90\% \\ \end{array}$

Included Software Epson Projector Management Software, EasyMP Multi PC Projection

Options Air filter, Connection and control box, Document camera, External Speaker, USB extension

cable, Wireless LAN uni

Compatible Operating Linux, Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Ubuntu 14.10, Ubuntu

Systems 15.04, Ubuntu 15.10, Ubuntu 16.04 LTS, Windows 10, Windows 8, Windows 8.1

Loudspeaker 16 W

Room Type / Application Collaboration space / Classroom

Positioning Wall Mounted
Colour White / Grey
TCO Certified Yes

OTHER

Warranty 60 months Carry in or 8.000 h, Lamp: 60 months or 1.000 h

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OPTIONAL ACCESSORIES

- Active Speakers (2 x 15W) ELPSP02 V12H467040
- Control and Connection Box ELPCB02 V12H614040
- ELPLP91

V13H010L91

- Wireless LAN Adapter ELPAP10 V12H731P01
- Air Filter ELPAF49 V13H134A49
- Table Mount for Ultra-short-throw Series ELPMB29
- Control and Connection Box ELPCB03 V12H927040

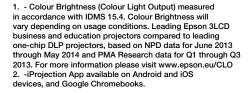
LOGISTICS INFORMATION

SKU	V11H744040
EAN code	8715946605210
Country of Origin	Philippines
Layer	2 Units









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