EB-L690SU

DATASHEET / BROCHURE

Awe-inspiring immersive short throw projector

Designed for compact spaces, the EB-L690SU short-throw offers 6,200 lumens of bright WUXGA resolution, HDR and advanced installation features. It provides up to 30,000 hours of maintenance-free projection in Eco mode, lens shift, 1.7x zoom and 10W speakers. Ideal for professional applications with flexible control options via HDBaseT, LAN, and wireless.

Spectacular short throw professional projector
Create stunning, shadow-free presentations in compact spaces with a short throw ratio of 0.79–1.36:1, built-in lens shift and WUXGA resolution. Featuring 1.7x optical zoom, corner focus and display sizes up to 400", this high-performance display is ideal for sports simulators, visitor attractions, retail and more. Its compact design, low noise and sleek white chassis deliver bright, vibrant, crystal-clear images, even in well-lit environments, ensuring exceptional visuals.

Flexible installation for professional setups
Designed for easy installation, the EB-L690SU can be quickly configured to deliver optimal performance in any room layout. Features such as lens shift, horizontal and vertical keystone correction, and 360° projection ensure precise image positioning. Options like split-screen capabilities, edge blending, and geometry correction, along with the optional ELPEC01 camera and Epson Projector Professional Tool, provide fast setup and calibration, offering flexibility for complex installations.

Smart control for seamless experience
Enhance usability with NFC for easy large-scale rollouts using the Epson Projector Config Tool. The user-friendly OSD menu simplifies navigation, while Epson's EPMC cloud monitoring allows effortless remote management. Fully compatible with Crestron XiO Cloud, it offers centralised control, and OTA firmware updates ensure the display remains up-to-date for a seamless experience.

Peace of mind with high durability and support
Engineered for long-lasting performance, the EB-L690SU features fit-and-forget laser technology, backed by a 3-year warranty. It minimises maintenance needs, reduces downtime, and offers peace of mind with Epson's renowned after-sales support.

Environmentally friendly design
Built with sustainability in mind, our projectors are manufactured using 100% renewable electricity[2] and packaged in 100% recyclable cardboard. With low maintenance and energy consumption and benefits from end-of-life recycling and energy recovery services across Europe.

KEY FEATURES

- **Exceptional 6,200 lumens short throw projector**
  Ideal for a wide range of immersive visual spaces. This compact, budget-friendly laser projector delivers high-quality performance in any setting.
- **Perfect for immersive spaces and simulation applications**
  Project scalable images up to 400", creating immersive, shadow- and glare-free visuals in compact spaces with a short throw ratio of 0.79–1.36:1 and 1.7x zoom.
- **Effortless, flexible installation**
  A fixed centre lens with manual lens shift and advanced features like corner focus adjustment ensures easy setup and adaptability for any environment.
- **Quiet operation**
  Delivers high-performance projector at a low noise level of 25dB in Eco mode, ensuring a quiet and focused environment for immersive visual experiences.
- **Making sustainable choices with Epson**
  Made from 19% recycled plastics, low power consumption, reduced packaging and a usage life of up to 30,000 hours in Eco mode (20,000 hours normal).

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PRODUCT SPECIFICATIONS

TECHNOLOGY	
Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0,67 inch with C2 Fine
IMAGE	
Color Light Output	6.200 Lumen- 4.340 Lumen (economy) In accordance with IDMS15.4
White Light Output	6.200 Lumen - 4.340 Lumen (economy) In accordance with ISO 21118:2020
Resolution	WUXGA
Aspect Ratio	16:10
Contrast Ratio	Over 5.000.000 : 1
Light source	Laser
Laser Light source	20.000 hours Durability High, 30.000 hours Durability Eco
Keystone Correction	Manual vertical: ±30 °, Manual horizontal ±30 °
Colour Video Processing	10 Bits
Colour Reproduction	Upto 1.07 billion colours
OPTICAL	
Throw Ratio	0,79 - 1,36:1
Zoom	Manual, Factor:1 - 1,7
Lens	Optical
Lens Shift	Manual - Vertical ±50 %, horizontal ±20 %
Screen Size	60 inches - 400 inches
Projection Distance Wide	1 m - 7 m
Projection Distance Tele	1,8 m - 11,9 m
Projection Distance Wide/Tele	1,02 m - 11,89 m
Projection Lens F Number	1,7 - 2,1
Projection Lens Focal Length	11,6 mm - 19,9 mm
Projection Lens Focus	Manual
CONNECTIVITY	
Interfaces	USB 2.0-A (2x), USB 2.0 Type B (Service Only), RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11a/b/g/n, HDMI out, HDBaseT, Miracast, Jack plug out, HDMI (HDCP 2.3) (2x), Near Field Communication (NFC), Apple AirPlay 2
Epson iProjection App	Ad-Hoc / Infrastructure
Network Protocol	HTTPS, SNMP, ESC/VP.net, PJLink
ADVANCED FEATURES	
Security	Kensington lock, Control panel lock, Padlock, Security cable hole, Wireless LAN unit lock, Password protection
2D Colour Modes	Dynamic, Natural, Cinema, Presentation, DICOM SIM
Other features	21:9 aspect ratio support, A/V mute, Auto Power On, Built-in speaker, Customizable user logo, Direct Power on/off, Document Camera Compatible, Edge Blending, Home Screen, JPEG Viewer, Network projection, OSD copy function, PC Free, Point correction, Quick Corner, Schedule Function, Screen Mirroring, Split-Screen-Function, Ultra-wide display (16:6), Web Control, Web Remote, Wireless LAN capable, iProjection App
Video Color Modes	Cinema, Dynamic, Natural, Presentation, DICOM SIM, Multi Projection, BT709
Projector control	via: Crestron Integrated Partner, Extron XTP, AMX Device Discovery

EB-L690SU

WHAT'S IN THE BOX

- Main unit
- Power cable
- Remote control incl. batteries
- User guide
- Warranty document
- Quick Start Guide

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PRODUCT SPECIFICATIONS

GENERAL	
Power consumption	336 Watt (Normal On-Mode), 233 Watt (Eco On-Mode), 399 Watt (Normal Peak-mode), 295 Watt (Eco Peak-Mode), 0,4 Watt (Energy saving standby)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	440 x 362 x 151 mm (Width x Depth x Height)
Product weight	8,9 kg
Noise Level	Normal:34 dB (A) - Economy:25 dB (A)
Supported Temperature	Storage -10° C - 60° C
Supported Humidity	Operation 20% - 80%, Storage 10% - 90%
Options	Air filter, Camera module, Ceiling mount, Document camera, External Speaker, HDBaseT Transmitter, Safety wire set, Suspension adapter, WP System - ELPWP20
Room Type / Application	Boardroom, Gaming, Large Meeting Room / Auditorium, Meeting room / Classroom, Projection Mapping, Rental / Staging, Signage / Retail, Sports, Visitor Attraction
Positioning	Ceiling Mounted, Desktop
Colour	White
TCO Certified	For further information relating to TCO Certified please visit https://tcocertified.com/files/certification/Information-document-for-end-users.pdf
OTHER	
Warranty	36 months On-site service Optional warranty extension available

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OPTIONAL ACCESSORIES

- Cable Cover - ELPCC07W-White - L6/7/89x Series
  V12H003AP0
- Cable Cover - ELPCC07B-Black - L6/7/89x Series
  V12H003AQ0
- Air Filter - ELPAF65 - L6/7/89x Series
  V13H134AF0
- Ceiling Mount (White) - ELPMB22
  V12H003B22
- Ceiling Mount (Low profile) - ELPMB30
  V12H526040
- Ceiling Pipe (700mm) - ELPFP14
  V12H003P14
- Ceiling Pipe (450mm) - ELPFP13
  V12H003P13
- Safety Wire - ELPWR01
  V12H003W01
- Active Speakers (2 x 15W) - ELPSP02
  V12H467040

LOGISTICS INFORMATION

SKU	V11HB31040
EAN code	8715946738000
Country of Origin	Philippines

Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
  V12HA42040

Visualizers

- ELPDC07
  V12H759040
- ELPDC13
  V12H757040
- ELPDC21
  V12H758040
- ELPDC30
  V12HB09080

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