

EB-L690U

DATASHEET / BROCHURE



Compact, sustainability-lead projector driving affordable installation flexibility and usage

The EB-L690U offers 6,500 lumens, WUXGA resolution, HDR and advanced installation features. It provides up to 30,000 hours of maintenance-free projection in Eco mode. Featuring a fixed centre lens with manual lens shift, 1.6x zoom and 10W speakers, it's ideal for professional applications and offers flexible control options via HDBaseT, LAN and wireless.

Powerful, vibrant visuals for any space

The EB-L690U delivers 6,500 lumens of brightness and WUXGA resolution with 3LCD technology, ensuring sharp, vibrant visuals. Its precise lens shift and built-in 10W speakers enhance performance, while the compact white chassis allows for easy installation and quiet operation. Ideal for lecture halls, auditoriums, training rooms, and other professional environments, it performs exceptionally well even in brightly lit spaces.

Easy-to-setup, big impact

With flexible installation options including a standard throw ratio of 1.35–2.2:1 and 1.6x optical zoom, the EB-L690U can project images up to 500 inches. Advanced geometry correction and the optional ELPEC01 camera, combined with the Epson Projector Professional Tool, enable quick, straightforward setup and calibration - streamlining advanced installation for any space.

Smart control for seamless experience

The EB-L690U enhances usability with NFC for easy large-scale rollouts using the Epson Projector Config Tool. Its 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. OTA firmware updates ensure the projector remains up-to-date, improving performance for a seamless experience.

Proven brand reliability

Engineered for long-lasting performance, the EB-L690U 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 electricity² 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 6,500 lumens display with WUXGA resolution**
Ideal for meeting rooms, lecture halls and more. This compact, budget-friendly laser projector delivers high-quality performance in any setting.
- **Compact design with scalable images up to 500"**
The lightweight design simplifies transport and installation while offering scalable images up to 500" for maximum flexibility.
- **Effortless, flexible installation**
With a fixed centre lens display, wide lens shift, and advanced features, setup is easy and adaptable to any environment.
- **Quiet operation**
Enjoy high-performance projector with a low noise level of 25dB in Eco mode, ensuring a quiet, focused environment for presentations and meetings.
- **Instant connectivity with Apple AirPlay 2 and Miracast¹**
Seamlessly share content from laptops, tablets, and smartphones - perfect for BYOD setups and collaborative environments.

PRODUCT SPECIFICATIONS

TECHNOLOGY

Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.67 inch with C2 Fine

IMAGE

Color Light Output	6,500 Lumen- 4,550 Lumen (economy) In accordance with IDMS15.4
White Light Output	6,500 Lumen - 4,550 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: $\pm 30^\circ$, Manual horizontal $\pm 30^\circ$
Colour Video Processing	10 Bits
Colour Reproduction	Upto 1.07 billion colours

OPTICAL

Throw Ratio	1.35 - 2.20:1
Zoom	Manual, Factor:1 - 1.6
Lens	Optical
Lens Shift	Manual - Vertical $\pm 50\%$, horizontal $\pm 20\%$
Screen Size	50 inches - 500 inches
Projection Distance Wide	1.4 m - 14.8 m
Projection Distance Tele	2.4 m - 23.8 m
Projection Distance Wide/Tele	1.44 m - 23.84 m
Projection Lens F Number	1.5 - 1.7
Projection Lens Focal Length	20 mm - 31.8 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/ac, 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-L690U

WHAT'S IN THE BOX

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

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 340 x 138 mm (Width x Depth x Height)
Product weight	8.2 kg
Noise Level	Normal:32 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
Loudspeaker	10 Watt
Room Type / Application	Boardroom, Large Meeting Room / Auditorium, Meeting room / Classroom, Projection Mapping, Signage / Retail, 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	3 Years or 20,000 Hours
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OPTIONAL ACCESSORIES

- Cable Cover - ELPC07W-White - L6/7/89x Series
V12H003AP0

LOGISTICS INFORMATION

SKU	V11HB29056
Country of Origin	Philippines

Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
V12HA42040

Visualizers

- ELPDC07
V12H759040
- ELPDC13
V12H757040
- ELPDC21
V12H758040
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* Warranty offers are not available for all countries. Please contact your local Epson representative.

For further information please contact your local Epson office or visit www.epson-europe.com

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2. Epson has achieved 100% renewable electricity at all Epson group owned sites worldwide.

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