

EB-L790SU



DATASHEET / BROCHURE



Professional short throw projector with ultimate reliability and low maintenance

Designed for compact spaces, the EB-L790SU short-throw offers 7,000 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-L790SU 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 projector remains up-to-date for a seamless experience.

Peace of mind with high durability and support

Engineered for long-lasting performance, the EB-L790SU 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.

KEY FEATURES

- **Exceptional 7,000 lumens short throw projector**
Ideal for a wide range of immersive displays. This compact, budget-friendly laser display 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 with at a low noise level of 26dB in Eco mode, ensuring a quiet and focused environment for immersive visual experiences.
- **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	7.000 Lumen- 4.900 Lumen (economy) In accordance with IDMS15.4
White Light Output	7.000 Lumen - 4.900 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	0,79 - 1,36:1
Zoom	Manual, Factor:1 - 1,7
Lens	Optical
Lens Shift	Manual - Vertical $\pm 50\%$, horizontal $\pm 20\%$
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/ac, HDMI out, HDBaseT, Miracast, HDMI (HDCP 2.3) (2x), Jack plug out, Near Field Communication (NFC), Apple AirPlay 2
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-L790SU

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	388 Watt (Normal On-Mode), 266 Watt (Eco On-Mode), 450 Watt (Normal Peak-mode), 330 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	9,2 kg
Noise Level	Normal:36 dB (A) - Economy:26 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 Carry in Optional warranty extension available
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OPTIONAL ACCESSORIES

EB-L790SU

- Cable Cover - ELPC07W-White - L6/7/89x Series
V12H003AP0
- Cable Cover - ELPC07B-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) - ELPPF14
V12H003P14
- Ceiling Pipe (450mm) - ELPPF13
V12H003P13
- Safety Wire - ELPWR01
V12H003W01
- Active Speakers (2 x 15W) - ELPSP02
V12H467040

LOGISTICS INFORMATION

SKU	V11HB30040
EAN code	8715946737997
Country of Origin	Philippines
Layer	2 Units

Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
V12HA42040

Visualizers

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



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