Epson EB-G7000 Series

THE POWER
TO ENGAGE

3x BRIGHTER COLOURS
with Epson Projectors¹

No.1 SINCE 2001
EPSON
WORLD LEADER
IN PROJECTORS²

EPSON®
EXCEED YOUR VISION

INSTALLATION PROJECTORS FOR PROFESSIONAL PRESENTING

Transform large venue presenting with our most powerful, versatile and highly reliable installation range. Project up to Full HD and experience 4K quality with our latest range of 4K enhancement technology projectors with improved resolution and exceptional clarity. Project vivid colours and clear detail that will impress large business and higher education audiences even in brightly lit rooms.

Stunning images

Enjoy professional results every time whatever the subject with our acclaimed 3LCD technology. These projectors are three times brighter than the competition[1] and feature 4K enhancement so you can project dramatic, eye-catching projections in any lecture hall, gallery or digital signage display.

Flexible installation

Make a big impression with innovative features and tools including flexible 360° installation and split screen, corner and curved surface projection. Get superb results in just about any venue with motorised changeable lenses including an ultra-short-throw lens for projecting large images from close to the screen.

Simple operation

Add simplicity and reliability to professional presenting. Get started quickly with wide connectivity for easy integration into the existing environment, and work fast with image adjustments including powered zoom and lens shift. There's even a time-saving lens memory function to recall previously entered projector settings.
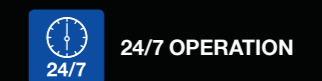
UP TO 8,000lm	PORTRAIT
WUXGA	UST LENS
LENSES	24/7 OPERATION
LENS SHIFT	DIGITAL SPLIT SCREEN
HDBASET	EDGE BLENDING
360 DEGREES	INTEGRATED SPEAKER

SUPERIOR IMAGES

4K Enhancement

Experience the astonishing quality of our latest 3LCD technology and discover the innovative thinking that has made Epson number 1 in projectors since 2001[2].
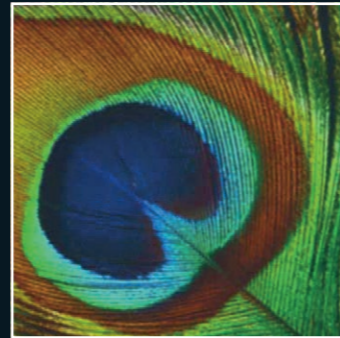
4K

A quality revolution

Take presenting into the future with the 4K enhancement experience. Enhancement technology digitally upscales Full HD 1080p content to deliver improved texture and resolution with exceptional sharpness, clarity and detail.

4K enhancement

Full HD

Simulated images

The perfect combination

Our 3LCD technologies combine high resolution, brightness from 5,500 to 8,000 lumens and rich colours to produce vivid, engaging images even in brightly lit rooms. The 3-chip optical engine optimises black colour matching for seamless blending. Equally high White and Colour Light Output makes images consistent and 3x brighter than 1-chip DLP projectors[1], and with no rainbow effect.

Epson 3LCD technology – 3x brighter than competitor technology[1]

Conventional projector technology using 1-chip DLP technology

3LCD

**3x BRIGHTER COLOURS** with Epson Projectors'

WUXGA – beyond Full HD

Project every detail in Full HD widescreen (1920 x 1080 pixels) with standard native WUXGA resolution (1920 x 1200 pixels) to give the largest-screen projections. Achieve sharp, vivid detail to deliver an incredibly dynamic viewing experience.

Wider colour gamut

Achieve up to 3x the colour gamut of 1-chip DLP projectors with Epson's HTPS panels. This core technology produces more vibrant colours with more accurate colour reproduction. You can also adjust hue, saturation and brightness for each colour in the RGB and CMYK colour models.

WUXGA
1080P
XGA WXGA

Hue 3LCD
1-Chip DLP®
Brightness
Saturation
a b
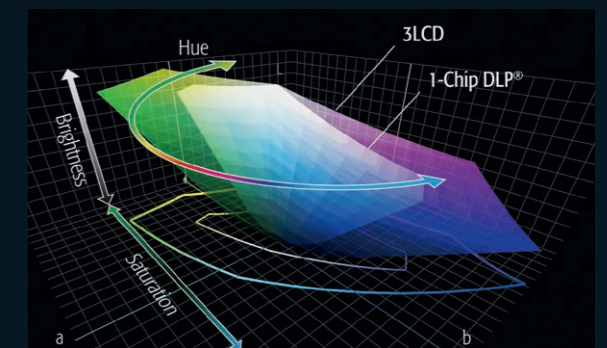
COMPLETE CONTROL

Enhance presentations with a range of innovations that add creativity and interest to any setting. A screen is just the start, because now you can project perfect images onto the floor, ceiling and even onto curved walls or around corners.

2,000:1 native contrast ratio

Project images with clear contrast even in daylight or with lights on. A high brightness up to 8,000lm and a native contrast ratio of 2,000:1 ensure super dark blacks and super bright whites.

Just about anywhere

Rotate your projector through up to 360° in any direction to bring floors and ceilings into play. There's no distortion or loss of brightness even on a corner or curve, so creating eye-catching images in unusual or surprising settings is easy. Project in portrait mode at 90° rotation to add even more creativity to signage, fashion shows and gallery exhibitions.

Two screens in one

Compare and contrast different subjects and enhance presentations with the split screen function. WUXGA resolution ensures optimum quality, and there are two digital inputs for projecting images from two different sources simultaneously on the screen.

Multi-projector perfection

Create stunning large scale images using additional projectors, with seamless tiling and blending and better black colour matching between units. Make precise adjustments to the start position, edge width and area of the black level in the blend and save time by reducing overlapping areas.

THE DIFFERENCE IS CLEAR

In a world where audiences have grown to expect so much more from presentations, it's good to know that your projector has the powerful tools and features to deliver the best results with maximum ease and minimum maintenance.

A range of lenses

Choose the perfect lens for your venue, including an ultra-short-throw (UST) zero offset lens[3] for environments with little space. This produces a 200-inch image from only 1.5m away and has lens shift of +17% vertical and +/- 10% horizontally for added flexibility. Additional lenses also makes it easier to use an existing ceiling or wall mount.

Quick start

Make individual set-ups quick and easy by storing relevant settings such as image position, focus and zoom with the lens memory function. This reduces the time it takes to start presenting because there's no need to re-programme the projector when using different aspect ratios or lenses.

Versatile installation

Project perfectly uniform images with the powered lens with a new stepping motor for very precise image adjustment. This can be done manually or by remote control, and is very useful for edge blending and stacking. You can also store of up to 10 lens settings in the memory.

Adjustable images

Project uniform images from a wider range of positions with lens shift up to +/-67% vertical and +/-30% horizontal and manual vertical keystone correction +/- 30 degrees. You can also switch to portrait projection mode without changing the lamp[4].

DICOM SIM mode

Use this special colour mode to produce images with clear shadows, which is ideal for displaying X-rays and other medical images (this projector cannot be used for actual medical diagnosis).

Wide connectivity

Set-up and integration is simple with HDBaseT support for Full HD video and audio. The HDBaseT gives you control from up to 100m away in large venues equipped with a Category 5e cable.

Fleet management

Take charge with EasyMP network control. Send a presentation to multiple projectors and monitor, manage and configure your projector fleet centrally. You can even set up email alerts for when projector maintenance is imminent.

THE PERFECT CHOICE

Choose from a range of models that offer exceptional quality and versatility as standard but have different features to match your individual presenting needs.

EB-G7800
– 8,000lm
– XGA

EB-G7000W
– 6,500lm
– WXGA

EB-G7200W
– 7,500lm
– WXGA

EB-G7400U
– 5,500lm
– WUXGA

EB-G7900U
– 7,000lm
– WUXGA

EB-G7905U
– 7,000lm
– WUXGA

Accessories

Epson offers a wide range of accessories including lenses, ceiling mounts and wireless LAN adapter. To view the full range visit www.epson-europe.com

Ceiling mount low ELPMB47/ELPMB48
Tailor-made ceiling mounts for easy installation and security

Wireless LAN adapter ELPAP10
– Easy installation USB adapter
– Make fast, secure presentations across a wireless connection with EasyMP Network Projection or Epson's iProjection app
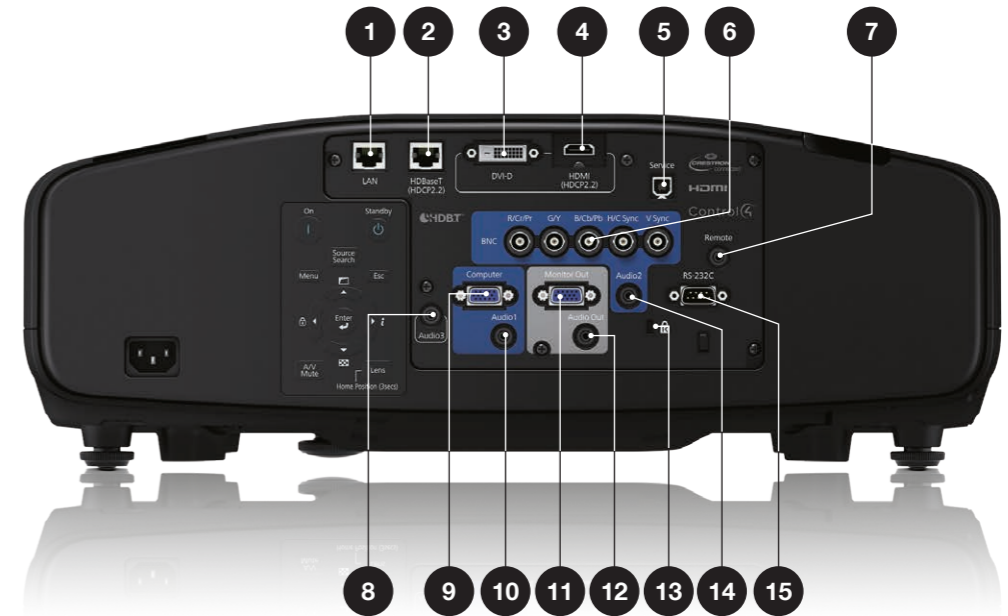
HDBaseT transmitter ELPHD01
– Wireless video/audio extender
– Three inputs are featured for easy installation: HDMI, LAN, and RS-232 to output into a CAT-5/6 cable

Lamp ELPLP93
Genuine Epson ultra high efficiency projector lamp.

Connectivity

Model shown is the EB-G7905U

1	LAN port (RJ45: 100Base-TX)	6	BNC input port (5BNC)	11	Monitor out port (Mini D-Sub15-pin)
2	HDBaseT port (HDBaseT)	7	Remote port (stereo mini)	12	Audio out
3	DVI-D	8	Audio in	13	Cable holder (for power cable)
4	HDMI input port (HDMI)	9	Computer input port (Mini D-Sub15-pin)	14	Audio in
5	Service port	10	Audio in	15	RS-232C port (Mini D-Sub 9-pin)

Dimensions

262.5

472mm

189mm

525mm

Model shown is the EB-G7905U

Features

- Resolution up to WUXGA
- 2,000:1 native contrast ratio
- 4K enhancement technology
- Changeable motorised lenses
- Lens shift/memory function
- A/V Mute
- Split screen
- Easy 360º installation
- Integrated 10w speaker
- Optional UST lens[3]

Optional lens specifications

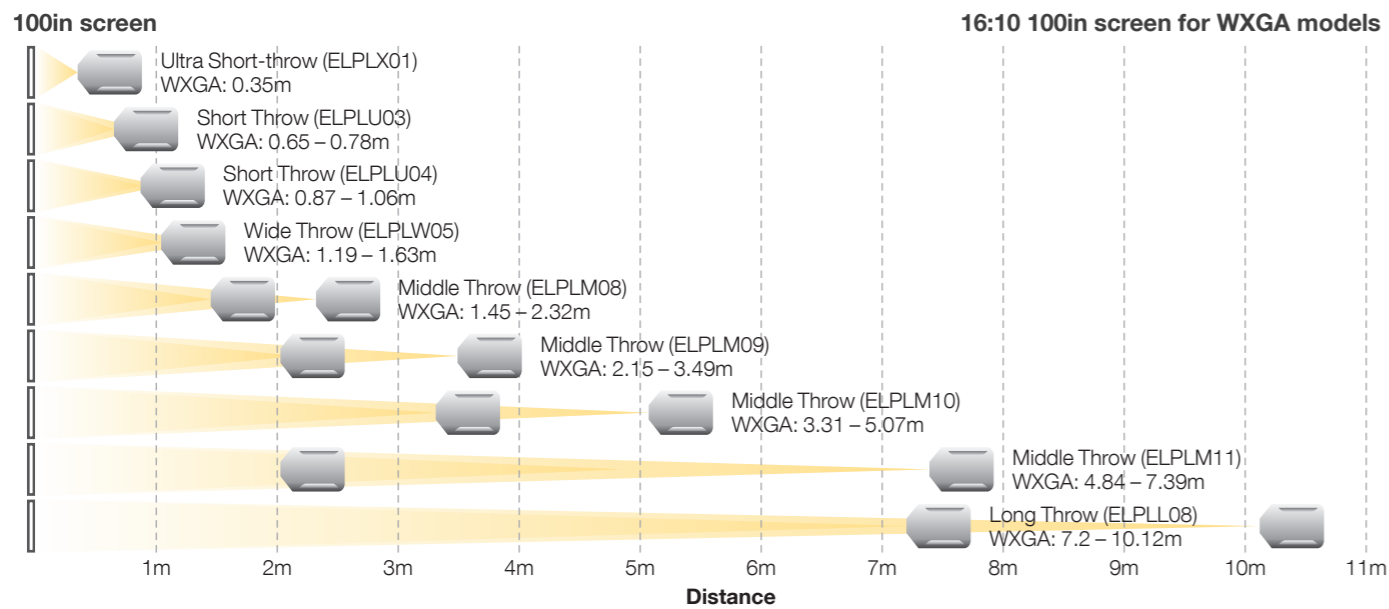|	Ultra-short-throw[3]	Short throw	Short throw	Wide throw	Mid throw	Mid throw	Mid throw	Mid throw	Long throw
Lens type									
Reference	ELPLX01	ELPLU03	ELPLU04	ELPLW05	ELPLM08	ELPLM09	ELPLM10	ELPLM11	ELPLL08
Order number	V12H004X01	V12H004U03	V12H004U04	V12H004W05	V12H004M08	V12H004M09	V12H004M0A	V12H004M0B	V12H004L08
Lens option									
Focus / Zoom type	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised
Zoom ratio (Optical)	N/A	1.2×	1.2×	1.4×	1.6×	1.6×	1.5×	1.5×	1.39×
Throw ratio	0.35:1	0.65 – 0.78:1	0.87 – 1.06:1	1.04 – 1.46:1	1.45 – 2.32:1	2.15 – 3.49:1	3.31 – 5.07:1	4.84 – 7.39:1	7.2 – 10.12:1
Aspect ratios	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10
F Number		2.0 – 2.26	2.0 – 2.1	2.0 – 2.23	1.65 – 2.27	1.8 – 2.51	1.81 – 2.4	1.81 – 2.34	1.8 – 2.45
Focal length (mm)	5.8	11.1 – 13.1	14.8 – 17.7	17.6 – 24.3	24.0 – 38.2	36 – 57.4	55.4 – 83.3	80.6 – 121.1	119 – 165.4
Screen size range (inches)	100 – 400	80 – 300	50 – 300	50 – 300	50 – 300	50 – 300	50 – 300	50 – 300	50 – 300
Lens shift	V: ±17%, H: ±10%	V: ±67%, H: ±30%	V: ±67%, H: ±30%	V: ±67%, H: ±30%	V: ±67%, H: ±30%	V: ±67%, H: ±30%	V: ±67%, H: ±30%	V: ±67%, H: ±30%	V: ±67%, H: ±30%
Weight (kg)	3.5	1.8	3.1	1.45	1.2	1.9	2.2	2.2	2.2

Modular lenses and projection distances

100in screen

16:10 100in screen for WXGA models

Ultra Short-throw (ELPLX01)
WXGA: 0.35m

Short Throw (ELPLU03)
WXGA: 0.65 – 0.78m

Short Throw (ELPLU04)
WXGA: 0.87 – 1.06m

Wide Throw (ELPLW05)
WXGA: 1.19 – 1.63m

Middle Throw (ELPLM08)
WXGA: 1.45 – 2.32m

Middle Throw (ELPLM09)
WXGA: 2.15 – 3.49m

Middle Throw (ELPLM10)
WXGA: 3.31 – 5.07m

Middle Throw (ELPLM11)
WXGA: 4.84 – 7.39m

Long Throw (ELPLL08)
WXGA: 7.2 – 10.12m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m

Distance

Specifications

	EB-G7800	EB-G7000W	EB-G7200W	EB-G7400U	EB-G7900U/ EB-G7905U
Technology	Epson 3LCD technology				
Resolution / aspect ratio	XGA / 4:3	WXGA / 16:10	WXGA / 16:10	WUXGA / 16:10	WUXGA / 16:10
4K enhancement	N/A			Yes	
Contrast ratio (dynamic / native)	50,000:1 / 2,000:1				
Colour and White Light Output (lumens) (standard / economy)	8,000 / 6,400	6,500 / 5,915	7,500 / 6,000	5,500 / N/A	7,000 / 5,600
Lamp life (hours) (standard / economy / portrait)	3,000 / 4,000 / 2,000				
Image size (inches)	50 – 300				
Throw ratio (std lens)	1.65 – 2.27:1				
Lens F-number (F) / Focal length (f) (mm)	1.65 – 2.27 / 24 – 38.2				
Zoom ratio	1.6×				
Keystone correction (horizontal / vertical)	±30° / ±30°				
Lens shift (horizontal / vertical)	±57° / ±30°	±67° / ±30°			
Speakers	10w × 1				
Noise (standard / economy) (dB)	39 / 31				
Power consumption (w) (on / economy / stand-by)	686 / 477 / 0.5	624 / 477 / 0.5	686 / 477 / 0.5	587 / N/A / 0.5	686 / 477 / 0.5
Weight (kg)	12.7				
Dimensions W × D × H (mm)	525 × 472 × 189				
Connectivity — Digital	HDMI (W/HDCP2.2) ×1, DVI-D ×1, HDBaseT (W/HDCP2.2) ×1				
Connectivity — Video	Input: PC (D-sub 15), Component (5BNC) Output: Monitor out (D-sub 15)				
Connectivity — Control	LAN (RJ45), RS232 (IN), wired remote control				
Connectivity — USB	USB Type A (Optional Wi-Fi, Firmware update via USB Flash Drive)				
Connectivity — Audio	Input: Stereo mini ×1 Output: Stereo mini ×1				
Supplied accessories	Power cable, computer cable, cable cover, HDMI cable clamp, lens cap, remote control, user manual				
Projector warranty[5]	3 years or 20,000 hours, whichever comes first				
Lamp warranty[5]	3 years or 1,000 hours, whichever comes first				

All specifications are preliminary. Product information is subject to change without prior notice.