

Epson EB-Z10000U Series

# THE BRIGHTER SOLUTION



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

**No.1**  
SINCE 2001

EPSON  
WORLD LEADER  
IN PROJECTORS\*

**EPSON**<sup>®</sup>  
EXCEED YOUR VISION

# MAKE BRIGHTER PRESENTATIONS WITH EPSON'S MOST POWERFUL PROJECTORS

Enjoy brighter, more rewarding presentations with Epson's flagship installation projectors. Impress audiences in demanding venues from university auditoriums to exhibition halls with astonishing image quality and brightness up to 11,000 lumens.





**WIDE LENS SHIFT**



**STATUS MONITOR**



**EDGE BLENDING TECHNOLOGY**



**LIQUID COOLING<sup>5</sup>**



**15,000:1**

**15000:1 CONTRAST RATIO**



**INTERCHANGEABLE LENSES**



**PORTRAIT MODE<sup>3</sup>**

### **Leading the way**

Continuing to be number one for projectors, Epson leads the way with cutting-edge technologies that enable incredible image quality, outstanding brightness and advanced functionality.

### **Enhancing flexibility**

Expand presenting possibilities with first-in-class, purpose-built portrait orientation, 360° projection, seven interchangeable lens options and versatile auto and manual image adjustment.

### **Exceeding expectations**

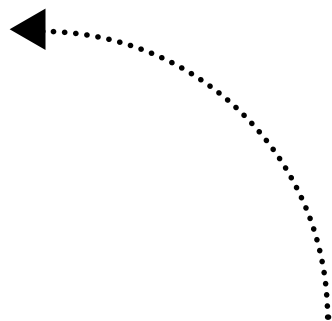
Enjoy exceptional 24/7 reliability with extended lamp life from the dual lamp relay function, high operating temperature range and advanced cooling system.

# VISIONARY TECHNOLOGY

Our ultra-bright business projectors draw on our home theatre expertise to deliver crystal-clear, high-definition images in vivid, true-to-life colour.

## Project large, high-quality portrait images

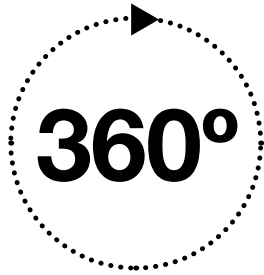
Enhance presentations by projecting portrait images. This is ideal for uses such as digital signage or fashion shows where the event, venue and subject matter benefits from the portrait aspect<sup>3</sup>.





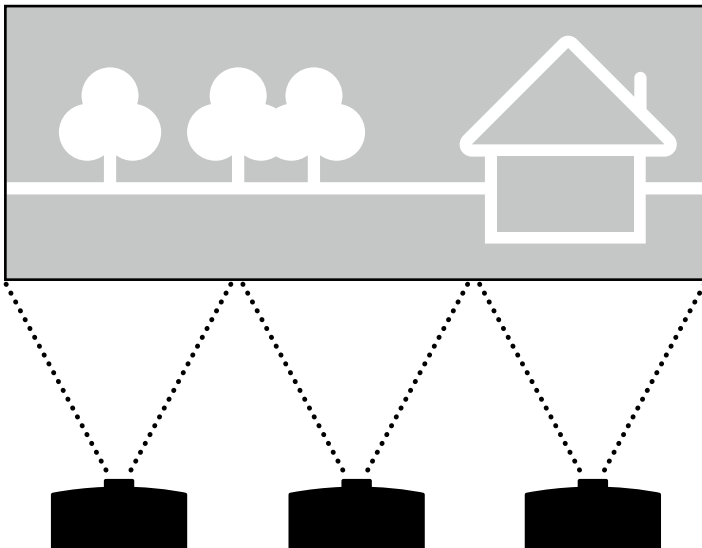
### Project images from any angle

Expand your presenting options and get creative with flexible installation allowing projection from any angle up to 360°. This opens up the possibility of making a real impact at events by projecting onto floors and ceilings.



### Create seamless panoramic images

Send your message to a wider audience with impressive panoramic projection. Edge blending enables you to stack multiple projectors horizontally or vertically to create a huge image that is perfectly blended with no visible joins.



# PERFECTION THROUGH INNOVATION

## Large venue coverage

HDBaseT and 3G-SDI® provide Full HD video transmission capability. In addition, HDBaseT is capable of transmitting audio and signal control over 100 metres of CAT5e/6 cable, making it an ideal choice for large venue installation.



## True installation freedom

These projectors are easy to operate even when suspended from the ceiling, with wide-range motorized lens shift and adjustment via the network or remote control. Maximum lens shift range is  $\pm 60\%$  vertical and  $\pm 19\%$  horizontal.



## Versatile dual lamp system

Add flexibility and control to presenting with two lamps. These can be used together in Dual Lamp Mode for maximum brightness, or used alternately in Relay Mode to extend lamp life.



## Temperature control

Your projector will stay cool even when your venue heats up thanks to a combination of air-cooling and Epson's own liquid cooling system. These ensure maximum reliability in ambient temperatures up to  $50^{\circ}\text{C}^{\circ}$ .





### Constant status updates

There's no need to turn on the projector or interrupt a presentation to check status, because a clear LCD panel on the projector body displays network settings and a range of other key information.



### Minimum maintenance

Lamp replacement couldn't be easier. No tools are needed, and the lamp can be accessed from the back of the projector even when it's suspended. The air filter has a maintenance interval of 10,000 hours, ensuring flawless, hassle-free presentations.



### Exclusive imaging technology

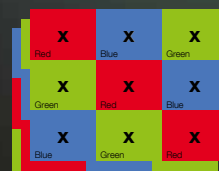
Epson 3LCD technology is at the heart of every Epson projector and leads the way in brightness, image quality and reliability. We are constantly improving this technology to ensure that it delivers incredible detail, smooth, natural colours and an exceptional greyscale range.



### Exceptional White and Colour Light Output (CLO)

Our projectors give the most accurate representation of true brightness and colour quality, not simply of white light. The CLO rating uses three sets of a nine-point grid to measure the primary colours – red, green and blue – and ensures that you can count on bright, colourful images even in daylight.

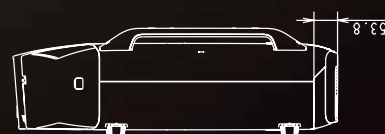
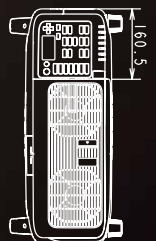
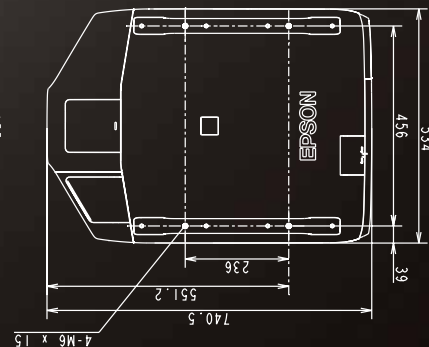
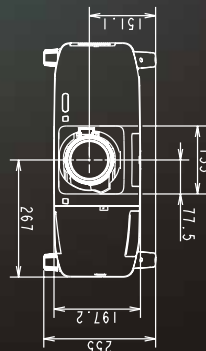
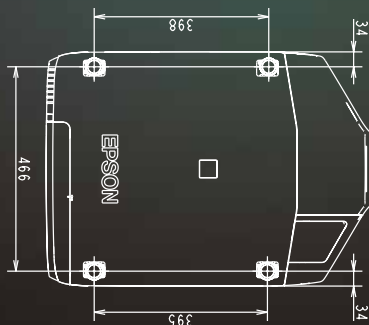
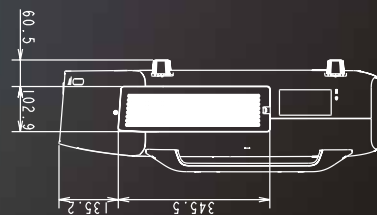
X	X	X
X	X	X
X	X	X



# GET CONNECTED

To ensure you can present the way you want to with your chosen equipment, EB-Z10000U Series projectors have an impressive range of options that make getting connected a breeze.

- |   |  |
|---|--|
| 1 SDI input port (BNC) <sup>6</sup>       | 10 Service port <sup>7</sup>                         |
| 2 BNC input port (5BNC)                   | 11 Wireless LAN unit port (USB Type-A)               |
| 3 Video input port (BNC)                  | 12 Monitor out port (Mini D-Sub 15-pin) <sup>8</sup> |
| 4 S-Video input port (Mini Din4-pin)      | 13 HDMI input port (HDMI) <sup>9</sup>               |
| 5 Computer input port (Mini D-Sub 15-pin) | 14 Cable holder (for HDMI cable)                     |
| 6 Cable holder (for power cable)          | 15 DVI-D input port (DVI-D 24-pin)                   |
| 7 Power inlet                             | 16 LAN port (RJ45: 100Base-TX)                       |
| 8 Remote port (stereo mini)               | 17 HDBaseT port (HDBaseT) <sup>10</sup>              |
| 9 RS-232C port (Mini D-Sub 9-pin)         |  |







## SPECIFICATIONS

	EB-Z10000U EB-Z10005U	EB-Z9870U EB-Z9875U	EB-Z9750U
<b>Technology</b>			
<b>LCD panel size</b> (diagonal width)	1.03in		
<b>Scanning frequency</b> (horizontal / vertical)	15 – 92KHz / 50 – 85Hz (Analog) 15 – 75KHz / 24, 30, 50, 60Hz (HDMI) 15 – 67.5KHz / 50, 60Hz (SDI) <sup>8</sup>		
<b>Resolution / aspect</b>	WUXGA 1920 × 1200 16:10		
<b>Contrast ratio</b>			
<b>White / Colour Light Output (lumens)</b> (standard / economy)	10,000 / 6,600	8,700 / 6,600	7,500 / 6,600
<b>Brightness<sup>3</sup></b> (lumens) 2 lamps for portrait use / 1 lamp for portrait use	7,500 / 3,750		
<b>Lamp type</b>			
<b>Lamp life</b> (hours) (standard / economy)	2,000 / 4,000	2,500 / 4,000	
<b>Lamp life</b> (hours) (portrait)			
<b>Operating temperature</b> (Altitude 0 to 1,499m and Altitude 1,500 to 3,048m)	0 to +50°C / 0 to +45°C		
<b>Power supply</b>	AC100 – 240V ±10%, 50 / 60Hz, 11.2 – 4.9A	AC100 – 240V ±10%, 50 / 60Hz, 10.0 – 4.4A	AC100 – 240V ±10%, 50 / 60Hz, 8.5 – 3.8A
<b>Image size</b> (diagonal / Projected distance (standard lens))	60in – 500in / 2.0m – 17.2m (Zoom: Wide) 60in – 500in / 3.3m – 27.8m (Zoom: Tele)		
<b>Throw ratio</b> (standard lens)	1.57 – 2.56:1		
<b>Lens F-number</b> (F)	1.65 – 2.51		
<b>Focal length</b> (f) (mm)	36 – 57.5		
<b>Zoom ratio</b> (standard lens)			
<b>Keystone correction</b> (horizontal / vertical)	±30° / ±30°		
<b>Lens shift</b> (horizontal / vertical)	±18% / ±60%		
<b>Noise</b> (standard / economy) (dB)	40 / 35	38 / 35	37 / 35
<b>Power consumption</b> (on / economy / network stand-by)	1060W / 788W / 2.9W	948W / 788W / 2.9W	809W / 721W / 2.9W
<b>Weight</b> (kg)	26		25
<b>Dimensions</b> W × D × H (mm)			
<b>Connectivity</b>	Mini D-Sub15-pin ×1, 5BNC ×1, HDMI ×1, Mini DIN 4-pin ×1, Composite video (1 BNC) ×1, DVI-D 24 pin ×1, 3G-SDI <sup>9</sup> (1BNC) ×1, RJ45 (100BASE-TX/10BASE-T) ×1, USB connector (A type) ×1, Mini D-Sub9-pin ×1 (RS-232C), stereo mini ×1, HDBaseT ×1		
<b>Supplied accessories</b>			
<b>Projector warranty<sup>11</sup></b>			
<b>Lamp warranty<sup>11</sup></b>			
<b>Box size</b> W × D × H (mm) Gross Weight (kg)	657 × 903 × 364 34		657 × 903 × 364 33

EB-Z11000 EB-Z11005	EB-Z11000W	EB-Z9900W	EB-Z9800W	EB-Z9870
Epson 3LCD				
1.06in	1.03in			1.06in
15 – 92KHz / 50 – 85Hz (Analog) 15 – 75KHz / 24, 30, 50, 60Hz (HDMI)				
XGA 1024 × 768 4:3	WXGA 1280 × 800 16:10			XGA 1024 × 768 4:3
15,000:1				
11,000 / 7,300	11,000 / 7,100	9,200 / 7,100	8,300 / 7,100	8,700 / 7,300
8,500 / 4,250	8,100 / 4,050			8,500 / 4,250
380W UHE x 2 (standard) 304W UHE x 2 (portrait)				
2,000 / 4,000		2,500 / 4,000	3,000 / 4,000	3,000 / 4,000
1,000				
0 to +50°C / 0 to +45°C				
AC100 – 240V ±10%, 50 / 60Hz, 11.2 – 4.9A		AC100 – 240V ±10%, 50 / 60Hz, 10.0 – 4.4A	AC100 – 240V ±10%, 50 / 60Hz, 8.5 – 3.8A	
60in – 500in / 1.9m – 16.8m (Zoom: Wide) 60in – 500in / 3.2m – 27.2m (Zoom: Tele)	60in – 500in / 2.0m – 17.2m (Zoom: Wide) 60in – 500in / 3.3m – 27.8m (Zoom: Tele)		60in – 500in / 1.94m – 16.76m (Zoom: Wide) 60in – 500in / 3.19m – 27.16m (Zoom: Tele)	
1.63 – 2.65:1	1.57 – 2.56:1			1.63 – 2.65:1
1.65 – 2.51				
36 – 57.5				
Optical ×1.61				
±30° / ±30°				
±19% / ±56%	±18% / ±60%			±19% / ±56%
40 / 35		38 / 35	37 / 35	
1060W / 788W / 2.9W		948W / 788W / 2.9W	809W / 721W / 2.9W	809W / 721W / 2.9W
26			25	
534 × 741 × 197				
Mini D-Sub15-pin ×1, 5BNC ×1, HDMI ×1, Mini DIN 4-pin ×1, Composite video (1 BNC) ×1, DVI-D 24 pin ×1, RJ45 (100BASE-TX/10BASE-T) ×1, USB connector (A type) ×1, RJ45 ×1, Mini D-Sub9-pin ×1 (RS-232C), stereo mini ×1, HDBaseT ×1				
Computer cable, HDMI cable clamp, power cable, remote control incl. batteries, user's manual set				
3 years or 20,000 hours, whichever comes first				
1 year or 1,000 hours, whichever comes first				
657 × 903 × 364 34			657 × 903 × 364 33	

## Accessories

Epson offers a wide range of accessories including lenses, ceiling mounts and wireless LAN units. To view the full range visit [www.epson-europe.com](http://www.epson-europe.com)



### Ceiling mount high ELPMB26

Adjustable range includes:

- Vertical tilt adjustment 5 to -25°
- Horizontal roll adjustment 0 to ±5°
- Horizontal rotation adjustment 0 to ±5°



### Ceiling mount low ELPMB25

Adjustable range includes:

- Vertical tilt adjustment 0 to ±5°
- Horizontal roll adjustment 0 to ±5°
- Horizontal rotation adjustment 0 to ±5°



### Wireless LAN unit ELPAP07

- Advanced wireless security, control access to your data and presentations
- Make fast, secure presentations through the network

## Better Products for a Better Future™

<sup>1</sup> Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Colour Brightness (colour light output) measured in accordance with IDMS 15.4. Colour Brightness will vary depending on usage conditions. For more information please visit: [www.epson.eu/CLO](http://www.epson.eu/CLO).

<sup>2</sup> Source: Futuresource Consulting Ltd.

<sup>3</sup> Requires separately sold frame and portrait lamps (with 1,000 hours replacement cycle). Brightness is affected. Filter side must be facing down.

<sup>4</sup> STP (Spanning Tree Protocol) is recommended. HDBaseT and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.

<sup>5</sup> EB-Z10000U, Z10005U, Z9870U, Z9875U, Z11000W, Z9900W, Z11000, Z11005.

<sup>6</sup> EB-Z10005U/EB-Z10000U/EB-Z9875U/EB-Z9870U only.

<sup>7</sup> For maintenance personnel only. Should not normally be used.

<sup>8</sup> Only analog RGB signals can be output from the BNC port and the Computer port.

<sup>9</sup> The projector does not have a built-in speaker, so there is no audio output.

<sup>10</sup> Use a category 5e or category 6 shielded LAN cable.

<sup>11</sup> The warranty can be extended up to 5 years for the projectors and up to 5 years for the lamps or 3,000 hours (whichever comes first) with the Epson Cover Plus Packages. Warranty offers are not available for all countries. Please contact your local Epson representative.

Not all products are available in all countries. Please check with your local Epson representative for details or visit [www.epson-europe.com](http://www.epson-europe.com)

For further information please contact your local Epson office or visit [www.epson-europe.com](http://www.epson-europe.com)

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Italy 02-660321 10 (0,12 €/min) Luxembourg +352 27860692 Middle East +9714 8872172 Netherlands +31 (0)20 708 5099 Norway +47 67 11 37 00  
Poland 0-800 4911299 (0,16 zł/min) Portugal 707 222 111 Russia (095) 777-03-55 Slovakia 0850 111 429 South Africa (+2711) 465-9621  
Spain 93 582 15 00 Sweden 0771-400135 (Mobilsamtal – 0,99 kr/min, Lokala samtal – 0,30 kr/min, Utlandssamtal – 0,89 kr/min) Switzerland 022 592 7923  
Turkey (0212) 3360303 United Kingdom 0871 222 6702

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