

EB-2042 DATA SHEET



Combining a high picture quality, a brightness of 4,400 lumens, absolute reliability and flexible operation to deliver perfect presentations.

Bring bright colors and sharp images to any meeting room with our super-bright new business projector, which offers a great brightness level of 4,400 lumens and XGA resolution. The EB-2042 is designed to project a scalable image up to a massive 300 inches, and offers connectivity choices including optional wireless LAN connectivity

Up to 300-inch display and outstanding quality
Epson's 3LCD technology ensures high-quality content has more vivid colors and brighter images. HDMI connectivity guarantees sharper and clearer content, even at the maximum image size of 300 inches.

Simple setup and connectivity
The EB-2042 offers auto power-on and an array of connectivity options including two HDMI ports and optional wireless LAN to stream content from laptops or mobile devices.

Keep costs down
Project for longer with improved reliability and a longer lamp life of up to 12,000 hours in eco mode.

Home screen
The home screen offers quick and easy access to a variety of useful functions, such as connection sources. Wireless connections can also be made easily using the information on screen.

Universal Product Code H874

KEY FEATURES

- Up to 300-inch display and great quality
Epson's 3LCD technology with XGA resolution
- Bring presentations to life
Outstanding 4,400-lumen brightness
- Stream and share connectivity
Dual HDMI & optional wireless connectivity
- Home screen and split-screen
Quick and easy access to a variety of useful functions



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PRODUCT SPECIFICATIONS EB-2042

TECHNOLOGY

Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.63 inch with D10
Effective Scanning Frequency - Analog	Pixel clock: 13.5 MHz to 162 MHz up to UXGA 60 Hz Horizontal 15 KHz – 92 KHz Vertical 50 Hz – 85 Hz
Effective Scanning Frequency - Digital	Pixel clock: 13.5 MHz to 162 MHz up to UXGA 60 Hz Horizontal 15 KHz – 75 KHz Vertical 24/ 30/ 50/ 60 Hz

IMAGE

Colour Light Output	4,400 lumen - 2,490 lumen (economy) In accordance with IDMS15.4
White Light Output	4,400 lumen - 2,490 lumen (economy) In accordance with ISO 21118:2012
Resolution	XGA, 1024 x 768, 4:3
Contrast Ratio	15,000 : 1
Aspect Ratio	4 : 3 (native)
Lamp	230 W, 5,500 h durability, 12,000 h durability (economy mode)
Keystone Correction	Auto vertical: $\pm 30^\circ$, Manual horizontal $\pm 30^\circ$
Colour Reproduction	Up to 1.07 billion colors

OPTICAL

Throw Ratio	1.38 - 2.24:1
Zoom	Optical manual, Factor: 1 - 1.6
Image Size	30 inches - 300 inches
Projection Distance (Throw Distance)	0.80 m (30 inch screen) to 08.50 m (300 inch screen) in Wide mode 1.36 m (30 inch screen) to 13.86 m (300 inch screen) in Tele mode
Projection Lens F Number	1.51 - 1.99
Focal Distance	18.2 mm - 29.2 mm
Focus	Manual
Offset	8.6 : 1

CONNECTIVITY

USB Display Function	3 in 1: Image / Mouse / Sound
Interfaces Video Inputs	VGA (RGB) (D-sub 15 pin) – 2 HDMI – 2 (of which 1 supports MHL) Composite - 1
Interfaces Video Output	VGA (D-sub 15 pin) – 1
Interfaces Audio Inputs	Stereo mini – 2, Mic. In – 1
Interfaces Audio Output	Stereo mini – 1
Network	Ethernet interface (100 Base-TX / 10 Base-T) Wireless LAN IEEE 802.11b/g/n (2.4GHz) (optional with ELPAP10 connected via USB port)
USB	USB Type A – 1 USB Type B – 1
Control	RS-232C D-sub 9 pin
Remote Control	1 unit, Infrared front and back reception
Epson iProjection App	Ad-Hoc / Infrastructure

ADVANCED FEATURES

Security	Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection
Features	AV mute slide, Auto Power On, Automatic input selection, Built-in 16 W speaker, Direct Power on/off, Document Camera Compatible, Freeze image, Home Screen, Horizontal and vertical keystone correction, JPEG Viewer, Long lamp life, MHL audio/video interface ` Quick Corner, Split-Screen-Function, iProjection App
Video Colour Modes	Dynamic, Presentation, sRGB, Blackboard, Cinema

GENERAL

Energy Use	331 W (Normal mode), 227 W (Economy mode), 0.2 W (Energy saving mode)
Rated Voltage and Current	100 - 240 V AC 50/60 Hz 3.6-1.6A
Fan Noise	37 dB (normal mode) to 28 dB (economy mode)
Product Dimensions	309 x 293 x 105 mm (Width x Depth x Height)
Product Weight	3.0 Kgs

OTHER

Warranty	24 months service, Lamp: 12 months or 1,000 h Optional warranty extension available
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SAFETY AND EMC STANDARDS COMPATIBILITY EB-2042

Compatible Standard	Safety	
	US	UL60950-1 2nd edition / UL62368-1 2nd edition (cTUVus Mark)
	Canada	CSA C22.2 No.60950-1-07 / CSA C22.2 No.62368-1-14 (cTUVus Mark)
	Japan	The electrical appliance safety law / TV receiver (Circle PSE Mark)
	Europe	Radio and Telecommunication Terminal Equipment Directive (1999/5/EC) (CE Marking)
	Germany	German Equipment and Safety Law (GS Mark)
	Korea	Electrical Appliances and Materials Safety Control Law (KC Mark)
	China	Regulations for Compulsory Product Certification GB4943 (CCC Mark)
	Singapore	Singapore Consumer Protection (Safety Requirement) Registration Scheme (Singapore Safety Mark)
	Argentina	Resolution 92/98 or Electric Security standards (Argentina S-mark)
	Russia	Technical regulation of Customs Union (EAC mark)
	Mexico	NOM-001-SCFI (NOM mark)
	India	Electronics and Information Technology Goods (Requirement for Compulsory Registration) Order
EMC	US	FCC part 15B class B
	Canada	ICES-003 class B
	Japan	The electrical appliance safety law / TV receiver (Circle PSE Mark)
	Europe	EMC directive (2014/30/EU) (CE Marking)
	Korea	Electrical Communication Basic Law (KC-Mark)
	China	Regulations for Compulsory Product Certification GB9254 GB17625.1 (CCC mark)
	Australia / New Zealand	AS/NZS CISPR22 Class B (RCM Mark)
	Russia/Kazakhstan/Belarus	Technical regulation of Customs Union (EAC mark)

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