



Epson EB-1850W

MULTIMEDIA PROJECTOR



**Easy. Affordable. Amazing
widescreen performance.**

Boardroom and classroom presentations get a boost in quality and versatility with the Epson EB-1850W. Adapting to almost any layout, this projector provides the ultimate in setup flexibility. Place the projector anywhere in the room and get perfectly rectangular images using the horizontal keystone correction slider bar. Impressive widescreen (WXGA) resolution and 3700 lumens of color and white light output¹ ensure sharp, larger-than-life images, while a 1.6x optical zoom makes it easy to display larger images from shorter distances, saving valuable space. Advanced connectivity offers even more flexibility with HDMI inputs for both video and audio, 3-in-1 USB Plug 'n Play connectivity and PC-free slideshows.

Flexible setup — easy-to-use horizontal keystone correction slider bar and 1.6x optical zoom

Brilliant widescreen images — 3700 lumens color and white light output¹; native WXGA (1280 x 800) resolution and up to 16:10 aspect ratio

Comprehensive, future-ready connectivity — HDMI digital input, USB display, PC-free slideshows, and document camera compatibility

Up to 4000-hour lamp life² — for a lower total cost of ownership



Document camera

Partner your projector directly with Epson's DC-06 document camera and make more effective presentations to enhance the overall teaching experience.



DC-06 sold separately.



EB-1850W Features

- **Instant Off®** — no cool-down time required, so it's ready to shut down when you are
- **A/V Mute Slide** — control your presentation; it's right at your fingertips
- **Direct Power On/Off** — power the projector on and off with the flip of a wall switch



A/V Mute Slide

Built-in 10 W speaker

- Engage your students with 10 W of sound — enable students in the room to hear your lessons, without purchasing costly speakers
- Adjust the volume using the projector remote control

EB-1850W MULTIMEDIA PROJECTOR

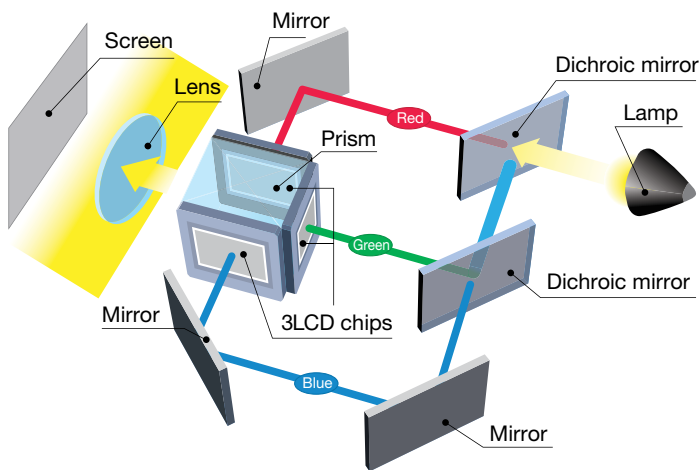
The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet most any need. Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From ultraportable projectors designed for educational settings to boardroom-ready business projectors, Epson has the model made for you.



3LCD technology — for quality and color that's beyond amazing

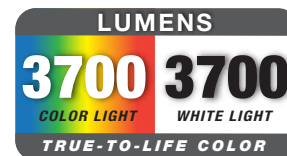
- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors³
- Over 20 years of road-tested reliability built into every projector



▲ 3LCD, 3-chip technology

Amazing color and white light output

Rich color and detail are critical for presentations — so color light output is essential for achieving optimum performance. The EB-1850W delivers 3700 lumens of color light output and 3700 lumens of white light output¹ for bright, vibrant, colorful images.



High color light output

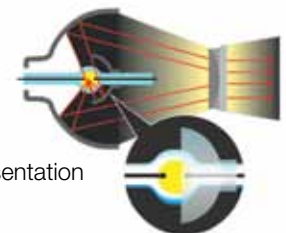


Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.

Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 4000 hours²
- Minimizes both light diffraction and light leakage
- E-TORL lamps maximize your presentation time, while minimizing your costs



▲ E-TORL lamp

Better Products for a Better Future™

For more information on Epson's environmental programs, go to
www.epson.com.au/company/environment

Eco Features

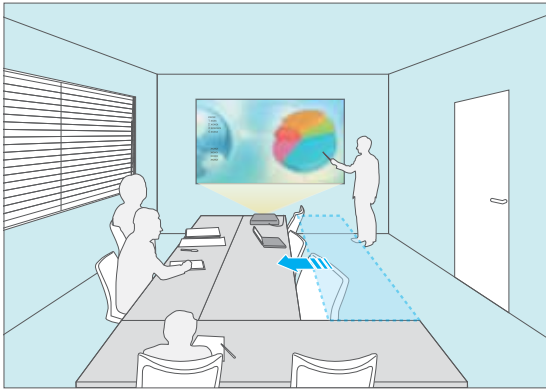
- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Low power consumption of 0.3W in Standby Mode (network communication off)
- Designed to be recycled
- RoHS compliant

Flexible setup

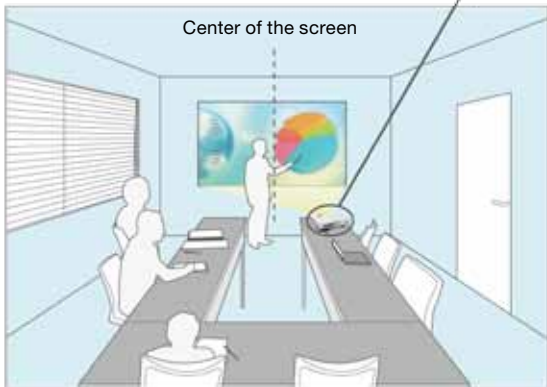
Easy horizontal and vertical keystone correction

Epson's horizontal and vertical keystone correction means you can project a rectangular image from any angle. Just move the slider bar to make the necessary horizontal adjustments. Your EB-1850W can be off to the side and above or below the screen, while your presentation is front and center.

Without Horizontal Keystone



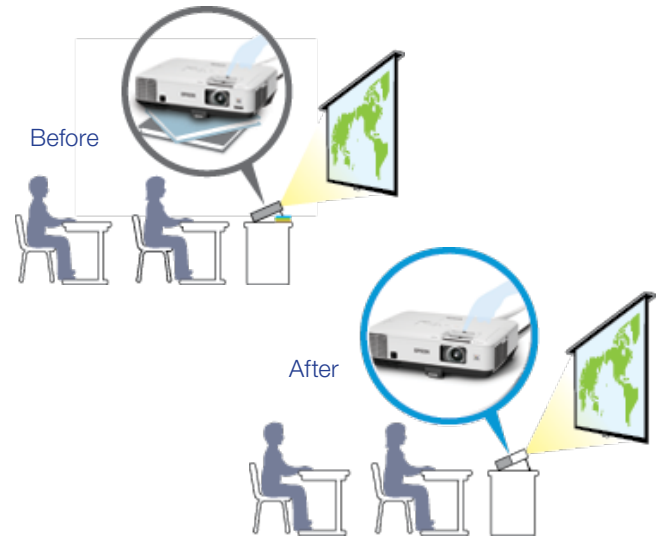
With Horizontal Keystone



▲ Horizontal Keystone Slider Bar

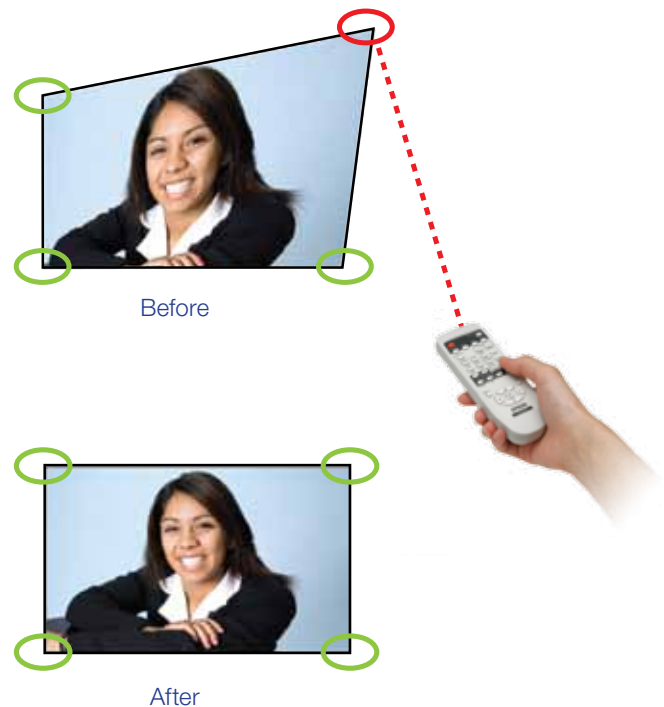
More visible, larger images

Equipped with a 1.6x optical zoom, the projector enlarges images 40% more than competitive models with a 1.2x optical zoom. Optical lenses maintain the integrity of the image while a higher zoom means the projector can stay close to the screen.



Quick Corner®

This innovative feature allows you to move any of the four corners of an image independently at setup, using the remote control to adjust each corner for a perfectly rectangular picture.

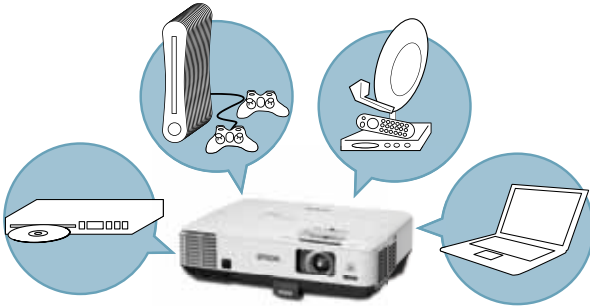


Leading-edge technology

HDMI input for high-quality, high-definition video

HDMI™

- Deliver both audio and brilliant HD video content with just one cable
- Compatible with the latest laptops, Blu-ray® and media players



PC-free slideshows

- Just plug your USB memory device into the USB port, and you are ready to display whichever slide you choose from the drive
- Compatible with the following file formats: JPG/BMP/GIF/PNG/FSE/SIT
- Create a slideshow using files on the USB drive



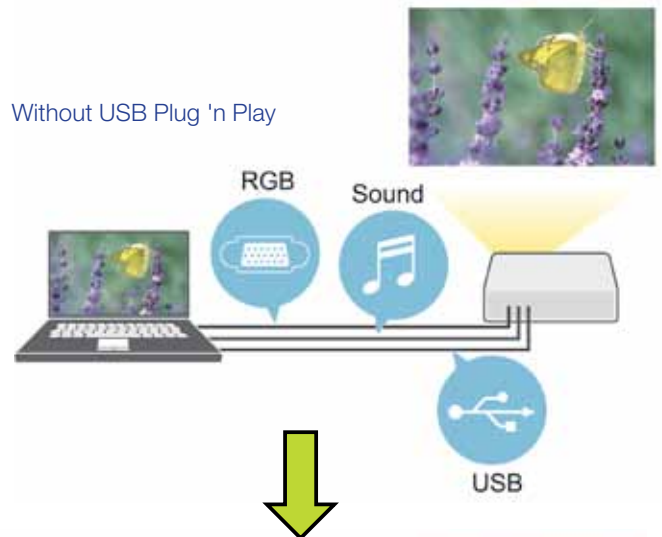
Camera and flash drive
sold separately

USB display – advanced 3-in-1 USB Plug 'n Play

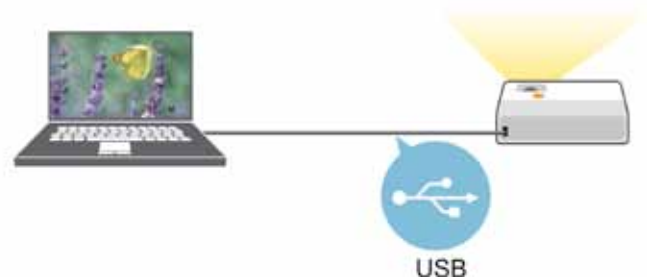


- Three features, all with one connection — display your presentation, transmit audio and use your remote control as a mouse to control your presentation
- No more computer function keys or bulky VGA and audio cables
- Just plug in a standard USB cable and instantly project — compatible with Windows® and Mac®

Without USB Plug 'n Play



With USB Plug 'n Play



EB-1850W

Multimedia Projector

Product Name	Product Code
EB-1850W	V11H425053
Genuine Epson Lamp	V13H010L64
Replacement Air Filter	V13H134A35

Specifications

Projection System
Epson 3LCD, 3-chip technology

Projection Method
Front/rear/ceiling mount

Driving Method
Epson Poly-silicon TFT Active Matrix

Pixel Number
1,024,000 pixel x 3 (1280 x 800)

Color Light Output¹
3700 lumens

White Light Output¹
3700 lumens (ISO 21118 standard)

Aspect Ratio
16:10

Native Resolution
1280 x 800 (WXGA)

Lamp Type
275 W UHE E-TORL

Lamp Life²
3000 hours (Normal Mode)
4000 hours (Eco Mode)

Size (projected distance)
29" – 280" 16:10 aspect (0.84 – 8.4m wide or 1.36 – 13.9m tele)

Contrast Ratio
2500:1

Color Reproduction
16.7 million colors

Keystone Correction
Vertical: ± 30 degrees auto
Horizontal: ± 30 degrees manual

Projection Lens

Type
Manual focus/Manual (optical) zoom

F-number
1.51 – 1.99

Focal Length
18.2 mm – 29.2 mm

Zoom Ratio
Optical zoom 1.0 – 1.6

Throw Ratio Range
1.38 – 2.24

Other

Display Performance
NTSC: 480 line
PAL: 576 line
(depends on the observation of the multi-burst pattern)

Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/
PAL60/SECAM

Interfaces
Computer/component video: D-sub 15 pin x 2
S-video: Mini DIN x 1
Composite video: RCA x 1
USB connector: Type-B x 1 (USB display, audio and mouse/keyboard control)
Serial: RS-232c x 1
HDMI
USB Type A (Memory)
Monitor out
Audio out
Audio in x2
Raw LxR RCA Audio

Audio Output
10 W mono speaker

Audio Signal
500 mV rms/47 K ohm

Operating Temperature
5° to 35 °C

Power Supply Voltage
100 – 240 V ± 10%, 50/60 Hz AC

Power Consumption
363 W (Normal Mode)
297 W (ECO Mode)
4.3 W Standby (Communication On)
0.33 W Standby (Communication Off)

Fan Noise
39 dB (Normal Mode)
35 dB (ECO Mode)

Security
Security cable hole, Kensington® lock provision

Effective Scanning Frequency Range
Pixel Clock
13.5 MHz – 162 MHz (up to UXGA 60 Hz)

Horizontal
15 kHz – 92 kHz

Vertical
50 Hz – 85 Hz

USB Plug 'n Play
Mac and PC compatible

Other Connectivity
Mac compatible via DVI to VGA adapter (not included)
VGA to component (ELP KC19)

Dimensions (W x D x H)

Including feet: 345 x 263 x 107mm
Excluding feet: 345 x 263 x 93mm
Weight: 3.3kg

Remote Control

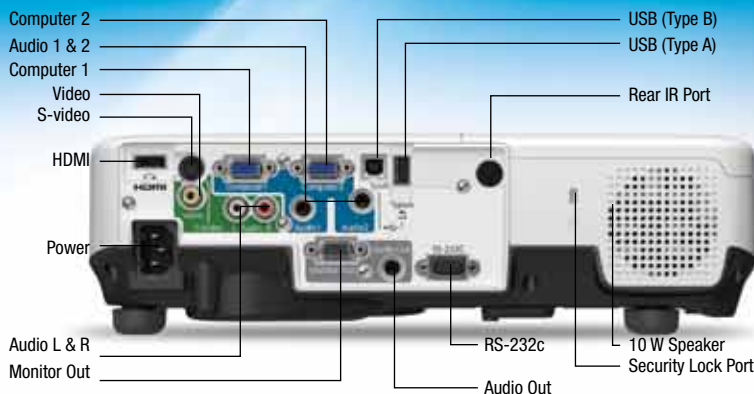
Features
Search, comp, video, USB, power, aspect, color mode, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions, user, pointer, esc, enter

Operating Angle
Right/left: ± 30 degrees
Upper/lower: ± 30 degrees

Operating Distance
6 m

Support

What's In The Box
EB-1850W projector, power cord, computer cable (VGA), USB cable, projector remote control, batteries, user manual CD, projector software CD, Quick Setup Sheet and password protection sticker



Accessory Part Numbers

Genuine Epson lamp	V13H010L64
Replacement air filter	V13H134A35
DC-06 document camera	V12H321003
DC-11 document camera	V12H377053

¹ Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.
² Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
³ Data source: ProjectorCentral.com, Jan. 2011. Average of 1038 shipping models, for which manufacturers provided lumens and total power data, all resolutions and brightness levels.

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