



# Epson PowerLite® 7850p

The wireless wonder that networks like a pro

The Epson PowerLite 7850p takes high-performance portables to a whole new level, with out-of-the-box networking capability, PC-free presentations, and the ability to operate with or without a hard-wired video connection. IS personnel will appreciate its easy monitoring and maintenance, while presenters will enjoy its remarkable functionality.

Even with these notable features, you won't have to sacrifice image quality. This powerful portable provides 3500 ANSI lumens and XGA resolution for exceptional clarity and detail.

The Epson PowerLite 7850p can address virtually any presentation requirement. With optional lenses available, it offers enhanced positioning flexibility. And, it provides monitor out capability, plus multiple image correction tools. For easy setup and operation, this accommodating performer includes both vertical and horizontal keystone correction. And, no matter where it is situated, the projector offers a unique feature designed to assist theft prevention, which can be a costly impact to any business. Its enhanced security feature was engineered to guard against unauthorized users and disable the projector through a convenient password protection function.

A multi-faceted product, the Epson PowerLite 7850p delivers superior power and versatility—from the world leader in high-performance projectors. And, it's backed by legendary Epson reliability.

## Convenient networking capability with EasyManagement™ technology

- Offers information on projector status via:
  - EMP Monitor software utility (included)
  - Web browser—no special software required!
  - SNMP (Simple Network Management Protocol) with HP OpenView plug-in available
- Allows easy monitoring of source status, power status, lamp status and resolution input status
- Provides e-mail notification via SMTP to alert administrators immediately of any troubleshooting issues
- Enables secure access via password protection features including web
- Provides real-time status information and projector error detection

## PC-free presenting with improved Epson EasyMP™

- PCMCIA card slot available to save presentations and run your presentations from the projector
- More animation and PowerPoint® functionality than ever before
- High-speed image transfers

## Wireless presenting at its best

- 802.11b wireless technology (WiFi certified)
- Two wireless modes for individual or LAN users
- No video cable required—laptop and projector can be positioned independently for optional viewing and control
- Page up and page down feature via wireless remote
- Allows for a seamless presentation with less down time connecting cables when there are multiple presenters

## Ultra bright 3500 ANSI lumens, weighs only 12.8 lb

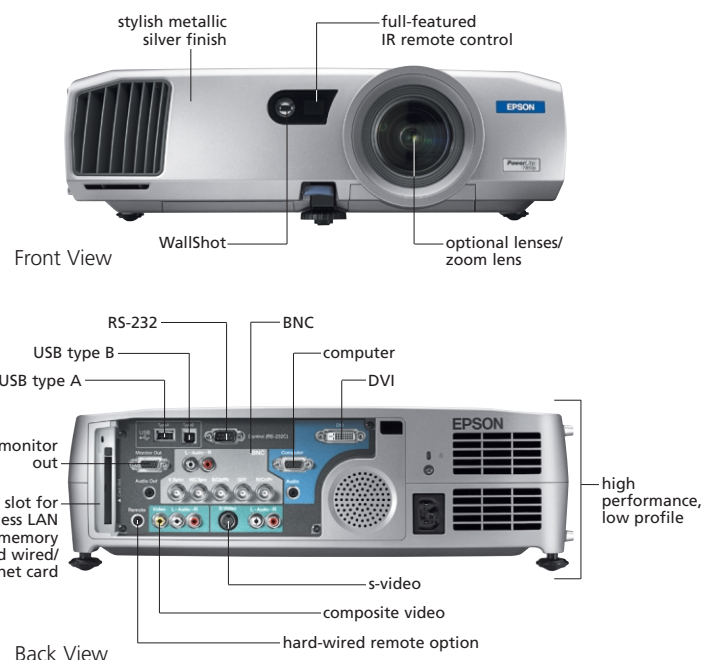
- Remarkable brightness that's great for conference rooms
- Three XGA (1024 x 768) 1.0" Epson high-aperture LCDs for evenly distributed color across the screen
- 700:1 contrast ratio for blacker blacks and whiter whites

## Easy installation, setup and operation

- Enhanced security function, including password protection, to disable the projector from unauthorized users
- Image correction tools for flexible setup and installation
  - Keystone correction ( $\pm 40^\circ$  vertical,  $\pm 20^\circ$  horizontal)
  - QuickCorner™ to display perfectly square images
  - WallShot™ for instant color correction when projecting on a colored surface
- Great connectivity including computer, Component Video (BNC), DVI, S-Video, and Composite Video; dedicated audio for each signal
- Low fan noise for undisturbed presentations
- Multiple lens options for installation flexibility

## Comprehensive Epson service and support (free for the duration of the two-year warranty)

- 90-day bulb warranty for added dependability
- Epson Road Service program provides a replacement projector, typically within 24 hours
- Epson PrivateLine™ service provides a dedicated toll-free support line available from 6 a.m. to 6 p.m. PST Monday - Friday (Calls are answered live, typically in about one minute.)
- International warranty in over 45 countries



# Epson PowerLite 7850p Specifications

<b>Projection System</b>	Epson original LCD prism technology	
<b>Projection Method</b>	Front/rear/ceiling mount	
<b>LCD</b>		
Size	1.0"	
Driving method	Epson Poly-silicon TFT Active Matrix	
Pixel number	786,432 pixels x 3 (1024 x 768) LCDs	
Native resolution	XGA	
Aspect ratio	4:3 (supports 16:9; 5:4)	
Pixel arrangement	Stripe	
<b>Projection Lens</b>		
Type	Manual zoom/focus	
F-number	1.7 to 2.3	
f-number	28 to 37mm	
Zoom ratio	1.0:1.35	
<b>Lamp</b>		
Type	250W UHE	
Life (typical)	2000H (High Brightness), 3000H (Low Brightness)	
<b>Screen Width Ratio: (Distance/Width)</b>	1.32 to 1.8:1	
<b>Screen Size (Projected Distance)</b>	30" to 300" (2.6' to 36.1')	
<b>Keystone Correction</b>	Vertical: $\pm 40$ degrees, Horizontal: $\pm 20$ degrees Auto keystone correction (vertical only)	
<b>Brightness (Typical)</b>	3500 ANSI lumens, 2500 ANSI lumens (Low Brightness)	
<b>Contrast Ratio</b>	700:1	
<b>Brightness Uniformity (Typical)</b>	90%	
<b>Color Reproduction</b>	24 bit; 16.7 mil	
<b>Audio Output</b>	5W Monaural	
<b>Operating Temperature</b>	41°F to 95°F (5°C to 35°C)	
<b>Power Supply Voltage</b>	100-120V/200-240V $\pm 10\%$ , 50/60Hz AC	
<b>Power Consumption</b>	350W, 47W at sleep mode: Network ON 1.5W at sleep mode: Network OFF	
<b>Dimension (includes lens and feet)</b>	12.8" x 16.5" x 5.4"	
<b>Dimension (excludes lens and feet)</b>	12.8" x 16.5" x 4.6"	
<b>Weight</b>	12.8 lb/5.8 kg	
<b>Fan Noise</b>	36db (High Brightness), 33db (Low Brightness)	
<b>Effective Scanning Frequency Range</b>		
<i>Analog</i>		
Pixel clock	13.5MHz to 230MHz	
Horizontal	15KHz to 107KHz	
Vertical	50Hz to 120Hz	
<i>Digital</i>		
Pixel clock	25MHz to 135MHz	
Horizontal	15KHz to 80KHz	
Vertical	50Hz to 85Hz	
<b>Remote Control Features</b>		
Features	Keystone, brightness, source selection, power, PinP, preview, page up/page down, color mode, volume, presets, e-zoom, a/v mute, freeze, effects, resize, EasyMP, WallShot	
Operating angle	Right/left $\pm 30$ degrees Upper/lower $\pm 15$ degrees	
Operating distance	33 ft (10m)	
<b>RGB</b>		
Display performance	Analog RGB I/O	Digital RGB Input
Native	1024 x 768	1024 x 768
Resize	1600 x 1200 1280 x 1024 800 x 600 640 x 480	1280 x 1024 800 x 600 640 x 480
Input terminal		
Video	Mini D-sub 15pin x 1 5-BNC x 1	DVI TypeD x1
Audio	Stereo mini jack (for Mini D-sub), RCA x 2 (for 5-BNC)	Stereo mini jack

<b>RGB (cont.)</b>	Analog RGB I/O	
Output terminal	Video Mini D-sub 15pin (monitor out) x1 Audio Stereo mini jack	
<b>Video I/O</b>		
Display performance	NTSC: 560 line PAL: 560 line (Depends on observation of the multi burst pattern)	
Input signal	NTSC/NTSC4.43/PAL/M-PAL/ N-PAL/PAL60/SECAM HDTV: 480i, 480p, 720p, 1080i	
Input terminal	Video Composite video: RCA (Yellow) x 1 S-Video: Mini DIN Component video: BNC Video-RGB: Mini D-sub 15pin (in common with Analog RGB connector) Audio RCA (White/Red) x 2	
Audio signal	500m Vrms/47Kohm	
<b>Card I/O</b>		
PC card slot	PCMCIA type I/II	
Memory card compatibility	CompactFlash™, SmartMedia™, Memory Stick® SD, MMC, 3.3 volts type ATA Flash card, 5 volts type ATA Flash card, IBM MicroDrive™ Epson wireless LAN card (802.11b) included Wired LAN card	
Other		
<b>Control I/O</b>		
USB I/O	USB connector series A x 1 (for digital cameras) USB connector series B x 1 (for mouse, keyboard)	
Serial I/O	Mini D-sub 9pin x 1 RS-232C	
<b>Security</b>	Kensington®-style lock provision	
<b>Warranty</b>	Two-year limited warranty, two-year international warranty, 90-day lamp warranty, Epson Road Service program and Epson PrivateLine dedicated toll-free support (U.S. and Canada only)	
<b>Supplied Accessories</b>	Power cable, remote control, 2 AA batteries, computer cable, audio cable, USB mouse cable, RCA video cable, RCA audio cable, wireless LAN card, CD-ROM (Windows®-based EasyManagement software, Start Here Kit.	
<b>Product/Accessory Part Numbers</b>		
Epson PowerLite 7850p projector	V11H120020	
Replacement lamp	V13H010L22	
Air filter set	V13H134A01	
Middle throw zoom lens	V12H004M03	
Long throw zoom lens	V12H004L05	
Remote control cable set	V12H005C28	
Ceiling mount	ELPMB40	
Suspension adapter	ELPMBAPL	
False ceiling plate	ELPMBFCP	
Distribution amplifier	ELPDA01	
Digital video cable DVI to DVI, 3m	ELPKC20	
Digital video cable DVI to DFP, 3m	ELPKC21	
S-Video cable	ELPSV01	
Mac adapter set	ELPAP01	
ATA shipping case	ELPKS46	
ATA molded hardshell case	ELPKS48	
50" portable screen	ELPSC06	
60" portable pop-up screen	ELPSC07	
80" portable pop-up screen	ELPSC08	
High resolution document imager	ELPDC02	
High resolution document camera	V12H064020	
Kensington security lock	ELPSL01	
<b>Support—The Epson Connection<sup>SM</sup></b>		
Pre-Sales Support U.S. and Canada	800-463-7766	
Automated Technical Support	800-922-8911	
Internet Web Site	www.epson.com	
<b>Presenters ONLINE<sup>SM</sup></b>	presentersonline.com	

## EPSON®

Epson America, Inc.  
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada, Ltd.  
3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z5

Specifications and terms are subject to change without notice. Epson is a registered trademark and EasyManagement, WallShot and QuickCorner are trademarks of Seiko Epson Corporation. PowerLite is a registered trademark, SizeWise is a trademark and Epson Connection, PrivateLine and Presenters Online are service marks of Epson America, Inc. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. © Copyright 2003 Epson America, Inc. CPD-15817 25K 6/03 CL