EPSON®

Epson PowerLite® 81p

A bright XGA performer that truly makes the grade.

Offering sharp, accurate detail with remarkable XGA resolution, plus a host of high-performance features, the Epson PowerLite 81p is ideal for virtually any presentation. Its flexible connectivity and powerful 5 watt audio make this projector perfect for any classroom or board room.

Epson high-aperture LCDs work with its brilliant 2000 ANSI lumens to deliver accurate color, superior color saturation and remarkable image quality in any setting. And, with four input connections, plus automatic source selection, setup and operation couldn't be easier! Just plug it in, and you're presenting within seconds.

With whisper-quiet operation, unbeatable reliability and a convenient carrying case, the Epson PowerLite 81p ensures quality presentations that really make the grade.

Ultra bright 2000 ANSI lumens for presentations in any setting

• Works great in large conference rooms and classrooms

Superior image quality and performance

• Three Epson high-aperture LCDs for greater color depth and color accuracy
• XGA (1024 x 768) resolution for vibrant images with precision color and detail

Easy setup and operation

• Color-coded cables make setup a breeze
• Audible power-on and -off beeps respond to user commands
• Quick start-up time avoids presentation delays and reduces presentation jitters
• Source search function automatically displays the connected input source(s) and switches instantly between various sources
• +/-15° digital keystone correction automatically engages without manual adjustments
• Optical zoom lens for flexible placement and positioning
• Monitor out capability to display images on a monitor and screen simultaneously
• Password-protected security features, plus operation lock prevent against unauthorized use
• Full-featured remote control, including mouse emulation functions and an electronic pointer for complete presentation control
• Soft carrying case included

Great audio and connectivity

• Powerful 5W audio so there's no additional audio expense
• Audio out (audio follow-through)

• No costly expansion modules needed; two computer and two video inputs with dedicated audio for each
• Third-party network monitor and control management capabilities via the RS232C port
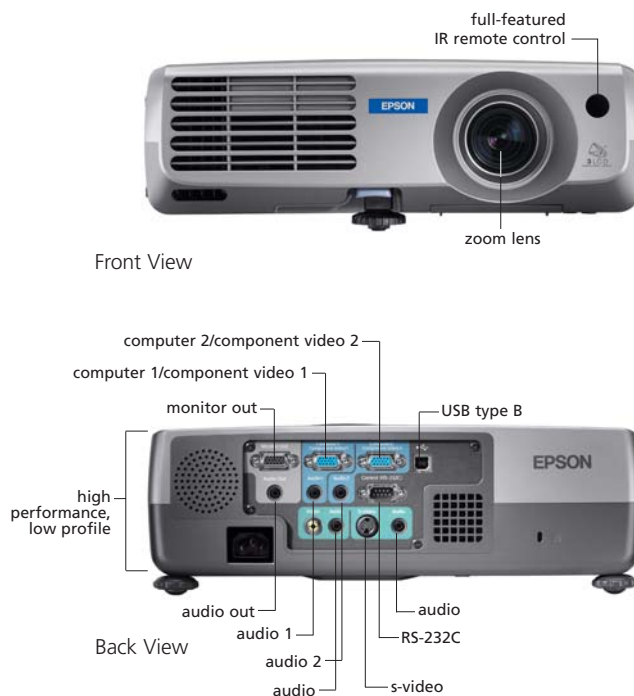
State-of-the-art video performance

• Two video inputs for composite, component (optional cable required), and S-video compatibility
• HDTV-ready; supports 480i, 480p, 720p, and 1080i formats

Quiet and unobtrusive

• Whisper-quiet operation (36db/30db) ensures the presentation is the center of attention
• Cooling fan located in front for a comfortable viewing experience
• Lamp and air filter access on top of the projector for easy changes, even when the projector is ceiling mounted

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

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

full-featured
IR remote control

zoom lens

Front View

computer 2/component video 2
computer 1/component video 1
monitor out
USB type B
EPSON
high
performance,
low profile

audio out
audio 1
audio
audio 2
RS-232C
audio
s-video

Back View

Epson PowerLite 81p Specifications

Projection System	Epson original LCD technology
Projection Method	Front/rear/ceiling mount

LCD

Size	0.7"
Driving method	Epson High Temperature Poly-Silicon TFT
Pixel number	786,432 dots x 3 (1024 x 768) LCDs
Native resolution	XGA
Aspect ratio	4:3 (supports 16:9, 5:4)
Pixel arrangement	Stripe

Projection Lens

Type	Manual: zoom / focus
F-number	1.70 – 1.87
f-number	21.3 – 25.6mm
Zoom ratio	1.0:1.2

Lamp

Type	200W UHE
Life*	2000H (High Brightness), 3000H (Low Brightness)

Screen Width Ratio (Distance/width)	1.44 to 1.76:1
Screen Size (Projected distance)	30" to 300" (2.9' to 35.4')
Keystone Correction	Vertical: +/-15° Auto Keystone Correction
Brightness (Typical)	2000 ANSI lumens (High Brightness) 1500 ANSI lumens (Low Brightness)
Contrast Ratio (High brightness)	400:1
Brightness Uniformity (Typical)	85%
Color Reproduction	24 bit; 16.7ml
Audio Output	5W Monaural
Operating Temperature	41°F to 95°F (5°C to 35°C)
Power Supply Voltage	100-240VAC +/-10%, 50/60Hz
Power Consumption	280W/5W at sleep mode
Dimensions	10.7" x 13.8" x 4.3"
Weight	8.9lb/4.0kg
Fan Noise	36db (High Brightness), 30db (Low Brightness)

Effective Scanning Frequency Range

Pixel clock	13.5MHz to 230MHz
Horizontal	15KHz to 107KHz
Vertical	50Hz to 120Hz

Remote Control

Features:	Source selection, power, page up/page down, color mode, volume, e-zoom, a/v mute, freeze, resize, menu, help, pointer
Operating Angle:	Right/Left +/- 30 degrees Upper/Lower +/- 15 degrees
Operating Distance:	20 ft (6m)

RGB

Analog RGB I/O

Display performance	
Native	1024 x 768
Resize	1600 x 1200, 1280 x 1024, 800 x 600, 640 x 480
Input terminal	
Video	Mini D-sub 15 pin x 2
Audio	Stereo mini jack x 2
Output terminal	
Video	Mini D-sub 15pin (monitor out)
Audio	Stereo mini-jack

*Lamp life results will vary depending upon mode selected, environmental conditions, and usage.

Video I/O

Display performance	NTSC: 560 lines PAL: 560 lines (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: Mini D-sub 15pin (in common with Analog RGB connector); Video-RGB: Mini D-sub 15pin (in common with Analog RGB connector)
Audio	Stereo mini jack x 2
Audio signal	500m Vrms/47Kohm

Control I/O

I/O terminal	USB connector series B x 1 (for mouse, keyboard) Serial: Mini D-sub 9 pin x 1, RS-232C

Security	Kensington®-style lock provision

Supplied Accessories

Power cable, remote control with battery, computer cable, audio adapter cable, USB A/USB B cable, Start Here Kit, soft carrying case

Warranty

Two-year limited warranty, 2-year international warranty, 90-day lamp warranty, Epson Road Service Program and Epson PrivateLine dedicated toll-free support (U.S. and Canada only)

Product/Accessory Part Numbers

Epson PowerLite 81p projector	V11H157020
Replacement lamp	V13H010L30
Air filter set	V13H134A06
Samsonite wheeled soft case	ELPKS35
ATA molded hardshell case	ELPKS51
Ceiling mount	ELPMB36
Suspension adapter	ELPMBAPL
False ceiling plate	ELPMBFCP
Security bracket/cabling for gyro lock mounts	ELPMBSEC
Adjustable ceiling channel	ELPMBACC
Component video cable	ELPKC19
S-Video cable	ELPSV01
Distribution amplifier	ELPDA01
Mac adapter set	ELPAP01
50" portable screen	ELPSC06
60" portable pop-up screen	ELPSC07
80" portable pop-up screen	ELPSC08
83.6" hanging pull-down screen	ELPSC09
Kensington security lock	ELPSL01
High-Resolution Document Imager (ELPDC05)	V12H162020
High-Resolution Document Camera (ELPDC04)	V12H064020

Support–The Epson Connection℠

Pre-Sales Support U.S. and Canada	800-463-7766
Automated Technical Support	800-922-8911
Internet Web Site	www.epson.com
Presenters ONLINE℠	presentersonline.com

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