

PowerLite[®]
85
Multimedia Projector



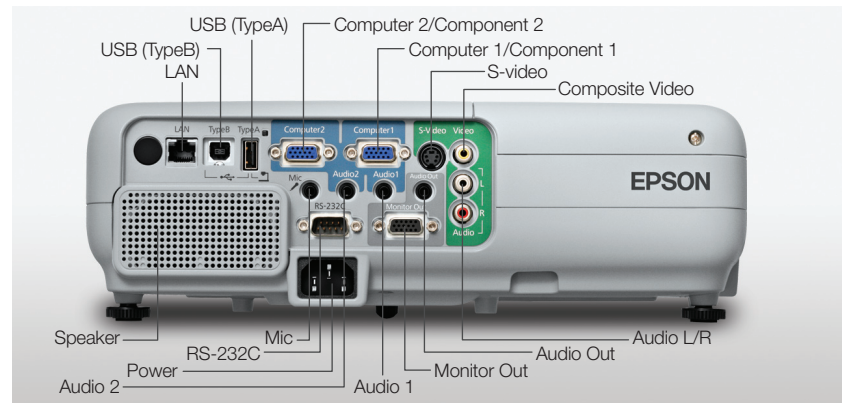
Step up to advanced connectivity and optional wireless performance.

- **Bright, brilliant presentations** — 2600 lumens color light output, 2600 lumens white light output*
- **Razor-sharp detail** — native XGA resolution
- **Convenient network accessibility** — display images and presentations over the IP network from any networked location
- **Powerful sound and communication features, no added cost** — built-in 10 W speaker, closed captioning decoder
- **Convenient microphone input** — saves both money and the presenter's voice by using the projector's speaker
- **Energy-efficient E-TORL[®] lamp** — up to 6000-hour lamp life**
- **Plug 'n Play, no-hassle setup** — instantly projects images from a PC via the USB connection
- **Message broadcasting** — broadcasts customized images/alerts over the network for announcements or instructions†
- **Easy network monitoring and control** — RJ-45 connectivity and included software
- **Easy picture adjustments and greater positioning flexibility** — automatic keystone correction, 1.6x optical zoom
- **Quick, convenient control** — direct power on/off, AV Mute/Sleep Mode, Instant Off[®]/On
- **Wireless capabilities** — via the optional wireless module and included software or optional Quick Wireless Connection USB key
- **PC-free JPEG slideshows** — via the USB thumb drive port
- **Rich, vibrant color and reliable performance** — 3LCD, 3-chip optical engine
- **Filters to protect your investment** — with easy side access for hassle-free maintenance
- **Added security in any environment** — convenient metal anchor bar
- **Carrying case included** — for easy portability and protection when stored



PowerLite 85

Multimedia Projector



ORDERING INFORMATION

Product Name	Product Code	UPC
PowerLite 85	V11H295020	010343 87304 9
Replacement Lamp	V13H010L50	010343 87322 3
Replacement Air Filter Set	V13H134A22	010343 87323 0

SPECIFICATIONS

Projection System

Epson 3LCD, 3-chip optical engine

Projection Method

Front/rear/ceiling mount

Driving Method

Epson Poly-silicon TFT Active Matrix

Pixel Number

786,432 dots (1024 x 768) x 3

White Light Output*

2600 lumens (ISO 21118 Standard)

Color Light Output*

2600 lumens

Aspect Ratio

4:3

Native Resolution

1024 x 768 (XGA)

Resize

640 x 480 (VGA), 800 x 600 (SVGA),
1152 x 864 (SXGA), 1280 x 800 (WXGA),
1440 x 900 (WSXGA), 1400 x 1050 (SXGA+),
1600 x 1200 (UXGA)

Lamp Type

E-TORL 200 W UHE

Lamp Life**

Up to 6000 hours (Low Light Output Mode)
Up to 5000 hours (High Light Output Mode)

Throw Ratio Range

1.39 – 2.26 (4:3)

Size (projected distance)

30" – 300" (2.7' – 45.5')

Keystone Correction Automatic

Vertical: ± 30 degrees

Plug 'n Play

Projector is Mac[®] compatible via DVI to VGA
adapter (not included)

Contrast Ratio

Up to 2000:1

Color Reproduction

16.77 million colors

PROJECTION LENS

Type

Manual focus/(optical) zoom

F-number

1.49 – 1.94

Focal Length

18.2 mm – 29.2 mm

Zoom Ratio

Optical zoom 1.0 – 1.6

OTHER

Display Performance

NTSC: 480 lines
PAL: 560 lines
(Depends on 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
Audio in x 3 (RCA (L&R) x 1, mini stereo x 2)
Variable Audio Out: mini stereo x 1
USB connector: Type B x 1 (USB display and
mouse/keyboard control), Type A x 1 (for USB
memory device)
Serial: RS-232c x 1
LAN Networking: RJ-45 x 1
Monitor Out: Mini D-sub 15 pin x1
Microphone: stereo mini jack x 1
Wireless LAN port: 802.11 a/b/g (optional —
module sold separately)

Speaker

10 W (mono)

Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage

100 – 240 V ± 10%, 50/60 Hz

Power Consumption

289 W
Communication on: 7.9 W standby
Communication off: 1.9 W standby

Fan Noise

35 dB (High Light Output Mode)
28 dB (Low Light Output Mode)

Security

Kensington[®]-style lock provision, security
anchor bar

DIMENSIONS (W x D x H)

Including feet: 12.9" x 9.8" x 4.3"
Excluding feet: 12.9" x 9.8" x 3.7"
Weight: 7.0 lb/3.1 kg

REMOTE CONTROL

Features

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

Operating Angle

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

Operating Distance

19' (6 m)

SUPPORT — THE EPSON CONNECTION™

Pre-sales Support

U.S. and Canada 800-463-7766
Internet website www.epson.com

Service Programs

Two-year projector limited warranty, Epson
Road Service program, Epson PrivateLine[®]
dedicated toll-free support and 90-day lamp
limited warranty

What's In The Box

Power cord, computer cable (VGA), USB
cable, soft carrying case, projector remote
control, batteries, user manual CD, Projector
Software CD, Quick Setup Sheet, PrivateLine
support card, registration card and password
protection sticker

ACCESSORY PART NUMBERS

Wireless LAN module (ELPAP03) V12H306P11
Quick Wireless Connection
USB Key (ELPAP05) V12H005M05
Universal projector ceiling mount ELPMBPJF
Advanced projector ceiling mount ELPMBPRG

High Security projector ceiling mount	ELPMBATA
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Structural Round ceiling plate	ELPMBP03
Adjustable Extension Column (pipe) 8" – 11"	ELPMBP03
Component to VGA video cable	ELPMBP03
S-video cable	ELPMBP03
SwissGear [®] backpack	ELPMBP03
Wheeled soft case	ELPMBP03
Soft shoulder case for projector and laptop	ELPMBP03
Molded hardshell case	ELPMBP03
50" portable screen	ELPMBP03
60" portable pop-up screen	ELPMBP03
80" portable pop-up screen	ELPMBP03
Duet™ screen	ELPMBP03
Epson DC-10s document camera	ELPMBP03
Epson DC-06 document camera (ELPDC06)	V12H321001
Kensington security lock	ELPMBP03
Distribution amplifier	ELPMBP03
Image presentation camera (ELPDC05)	V12H162020

PACKAGING SPECIFICATIONS

PowerLite 85
Dimensions 16.3" x 14.6" x 7.2" (W x D x H)
Weight 12.8 lb

Replacement Lamp
Dimensions 6.3" x 5.6" x 5.6" (W x D x H)
Weight 0.7 lb
Master Carton
Dimensions 28.4" x 13.1" x 6.8" (W x D x H)
Weight 8.6 lb
Units Per Master Carton 10

Replacement Air Filter Set
Dimensions 4.9" x 3.9" x 1.2" (W x D x H)
Weight 0.02 lb
Master Carton
Dimensions 12.8" x 5.3" x 4.7" (W x D x H)
Weight 0.2 lb
Units Per Master Carton 10

* Light output varies depending on modes (color and white light output).

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

† Plug-in available at www.epson.com