

PowerLite[®]
84
Multimedia Projector



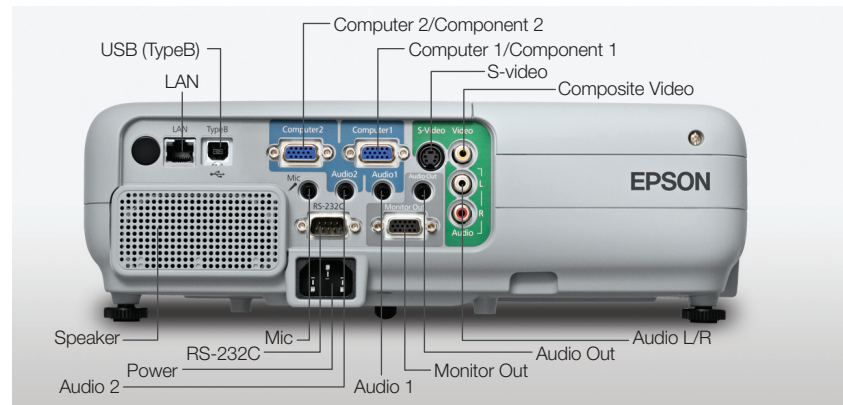
Smart choice. Amazing audio performance.

- **Bright, brilliant presentations** — 2600 lumens color light output, 2600 lumens white light output*
- **Razor-sharp detail** — native XGA resolution
- **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
- **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
- **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 84

Multimedia Projector



ORDERING INFORMATION

Product Name	Product Code	UPC
PowerLite 84	V11H294020	010343 87303 2
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)
Serial: RS-232c x 1
LAN Networking: RJ-45 x 1
Monitor Out: Mini D-sub 15 pin x 1
Microphone: stereo mini jack x 1

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: 6.9 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 CONNECTIONSM

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
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" ELPMB01
Component to VGA video cable ELPMB02
S-video cable ELPMB03
SwissGear[®] backpack ELPMB04
Wheeled soft case ELPMB05
Soft shoulder case for projector and laptop ELPMB06
Molded hardshell case ELPMB07
50" portable screen ELPMB08
60" portable pop-up screen ELPMB09
80" portable pop-up screen ELPMB10
Duet[™] screen ELPMB11
Epson DC-10s document camera ELPMB12
Epson DC-06 document camera (ELPDC06) V12H321001
Kensington security lock ELPMB13
Distribution amplifier ELPMB14
Image presentation camera (ELPDC05) V12H162020

PACKAGING SPECIFICATIONS

PowerLite 84
Dimensions 16.3" x 14.6" x 7.2" (W x D x H)
Weight 12.7 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.