

PowerLite[®] **83+**
Multimedia Projector



Outstanding audio
and performance.

Features/Benefits

- Brilliant, sharp and engaging multimedia presentations with 2200 lumens and native XGA resolution
- Convenient closed captioning included, with no additional hardware required
- Amazing audio that's sure to fill any classroom with built-in 10 W speaker
- RJ-45 connectivity and included software to monitor the projector over a network
- Great positioning flexibility with 1.2x zoom ratio
- More intense, sharper images, with the latest generation of high aperture, Epson 3-chip 3LCD technology
- Direct power on/off for remote free power control on installed units
- Energy-efficient E-TORL™ lamp technology — delivers more lumens per watt, lasts up to 4000 hours* for added cost savings
- Easy lamp and air filter access for quick, convenient replacements
- Convenient anchor bar for added security in any environment



Ordering Information

Product Name	Product Code	UPC
PowerLite 83+	V11H303020	0 10343 86817 5
Replacement lamp	V13H010L42	0 10343 86411 5
Replacement air filter	V13H134A13	0 10343 86412 2

Epson PowerLite 83+ Specifications

Projection System

High aperture Epson 3LCD technology

Projection Method

Front/rear/ceiling mount

LCD

Driving Method

Epson Poly-silicon TFT Active Matrix

Pixel Number

786,432 dots (1024 x 768) x 3 LCDs

Native Resolution

XGA

Aspect Ratio

4:3 (supports 16:9)

Pixel Arrangement

Cross stripe

Projection Lens

Type

Manual Focus

F-number

1.6 – 1.74

Focal Length

18.4 – 22.12 mm

Zoom Ratio

Optical zoom 1.0 – 1.2

Lamp

Type

E-TORL 170 W UHE

Life*

3000 hours (High Brightness Mode)

4000 hours (Low Brightness Mode)

Screen

Throw Ratio Range

1.41" - 1.7"

Screen Size (projected distance)

30" – 300" (2.7' – 34.2')

Keystone Correction

Automatic, vertical: ±30 degrees

Brightness (High Brightness Mode)

Up to 2200 lumens (ISO 21118 standard)

Contrast Ratio (High Brightness, Game Mode)

Up to 400:1

Brightness Uniformity (typical)

90%

Color Reproduction

16.7 million colors

Audio Output

10 W monaural

Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage

100 – 240 V ±10%, 50/60 Hz AC

Power Consumption

248 W, 5 W standby network on, 4.1 W network off

Dimensions (W x D x H)

Including feet

12.9" x 9.6" x 4.3"

Excluding feet

12.9" x 9.6" x 3.6"

Weight

6.4 lb/2.9 kg

Fan Noise

35 dB (High Brightness Mode)

28 dB (Low Brightness Mode)

Effective Scanning Frequency Range

Pixel clock

13.5 MHz – 162 MHz

Horizontal

15 KHz – 92 KHz

Vertical

50 Hz – 85 Hz

Remote Control

Features

Source search, power, aspect, color mode, volume,

e-zoom, A/V mute, freeze, menu, help, auto

Operating Angle

Right/left ± 30 degrees

Upper/lower ± 15 degrees

Operating Distance

19.7 ft (6 m)

Display performance

Native

1024 x 768

Resize

640 x 480

800 x 600

1280 x 1024

1600 x 1200

Video I/O

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

480i, 480p, HDTV: 720p, 1080i

PowerLite 83+

Computer/Component video: Mini D-sub HD 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

LAN Networking: RJ-45 x 1

Serial: RS-232c x 1

Monitor Out: Mini D-sub 15 pin x 1

Audio Signal

500m Vrms/47K ohm

Security

Kensington®-style lock provision, anchor (metal)

bar for security lock or cable

Service Programs

Two-year limited warranty, 90-day lamp warranty, Epson

Road Service Program and Epson PrivateLine® dedicated

toll-free support (U.S. and Canada only)

Support — The Epson ConnectionSM

Pre-sales Support

U.S. and Canada 800-463-7766

Automated Technical Support 800-922-8911

Internet Web Site www.epson.com

Projector resources available at presentersonline.com

Contents

Power cable, computer cable, projector remote

control, batteries, User Manual CD, Easy

Management® CD, Quick Setup Sheet, PrivateLine

support card, password protection sticker

Accessory Part Numbers

Replacement remote	1456641
Presentation remote control	V12H007T0B
Universal projector ceiling mount	ELPMBPJF
Advanced projector ceiling mount	
with precision gear	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) 6"-9"	ELPMBC01
Security flex foot kit	ELPMBF01
Distribution amplifier	ELPDA01
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
Swiss Gear Backpack	ELPKS63
Simple Soft carrying case	V12H001K60
Wheeled soft case	ELPKS62
Soft shoulder case for	
projector and laptop	ELPKS61
ATA molded hardshell case	ELPKS58
50" portable screen	ELPSC06
60" portable pop-up screen	ELPSC07
80" portable pop-up screen	ELPSC08
Duet™ screen	ELPSC80
Image Presentation Camera	
(ELPDC05)	V12H162020
Kensington security lock	ELPSL01

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

Packaging Specifications

PowerLite 83+

Dimensions 16.8" x 14.9" x 7.2" (W x D x H)

Weight 11.0 lb

Replacement Lamp

Dimensions 6.3" x 5.5" 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 9.1 lb

Units Per Master Carton 10

Replacement Air Filter Set

Dimensions 3.9" x 1.2" x 4.9" (W x D x H)

Weight 0.88 lb

Master Carton

Dimensions 12.8" x 5.3" x 4.7" (W x D x H)

Weight 1.1 lb

Units Per Master Carton 10



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