

PowerLite[®]
78
Multimedia Projector



Rich color. Razor-sharp detail.

- Rich, vibrant color — 3-chip optical engine
- Reliable performance — 3LCD technology
- Stunning, razor-sharp detail; HD-ready — native XGA resolution, up to 1600 x 1200
- Super bright and colorful — 2200 lumens color, 2200 lumens white light output
- Low cost — up to 4000-hour lamp life, low power consumption, included carrying case
- Quick, convenient control — Direct Power On/Off, AV Mute/Sleep Mode, Instant Off[®]/On
- Plug 'n Play no hassle setup — instantly projects images from a PC via USB connection
- Easy picture adjustment — automatic keystone correction, 1.2x optical zoom



PowerLite 78

Multimedia Projector

ORDERING INFORMATION

Product Name	Product Code	UPC
PowerLite 78	V11H284420	010343 86968 4
Replacement Lamp	V13H010L41	010343 86410 8
Replacement Air Filters	V13H134A13	010343 86412 2

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**
2200 lumens (ISO 21118 Standard)

Color Light Output**
2200 lumens

Aspect Ratio
4:3

Native Resolution
1024 x 768 (XGA)

Resize
640 x 480 (VGA), 1152 x 864 (SXGA),
1280 x 800 (WXGA), 1440 x 900 (WSXGA),
1400 x 1050 (SXGA+)

Lamp Type
170 W UHE

Lamp Life*
Up to 4000 hours (Low Light Output Mode)
Up to 3000 hours (High Light Output Mode)

Throw Ratio Range
1.4 – 1.68

Size (projected distance)
30" – 300" (2.8' – 28.5')

Keystone Correction Automatic
Vertical: ± 11 degrees

Keystone Correction Manual
Vertical: ± 30 degrees

Plug 'n Play
Projector is Mac compatible via DVI to VGA adapter (not included).

Contrast Ratio
Up to 2000:1 with Auto Iris
510:1 Native

Color Reproduction
16.77 million colors

PROJECTION LENS

Type
Digital zoom/Manual focus

F-number
1.6 – 1.74

Focal Length
18.4 mm – 22.12 mm

Zoom Ratio
Optical zoom 1.0 – 1.2

OTHER

Display Performance
NTSC: 560 lines
PAL: 560 line
(Depends on observation of the multi-burst pattern)

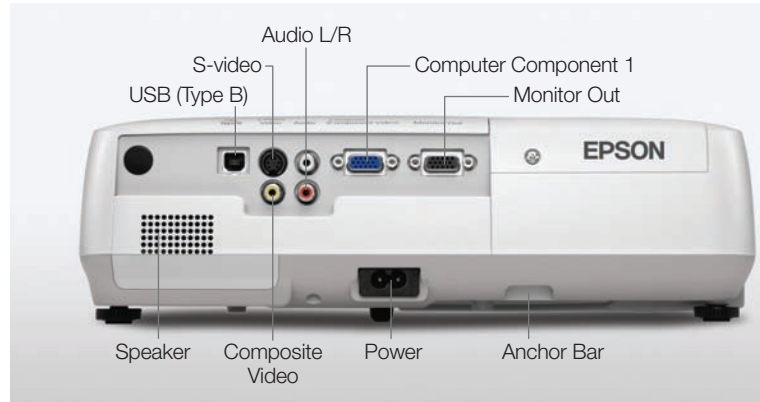
Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/
PAL60/SECAM

Interfaces
Computer/component video:
D-sub 15 pin x 1
S-video: Mini DIN x 1
Composite video: RCA (Yellow) x 1
Audio in: RCA x 1 (White/Red)
USB connector: Type B x 1
Monitor out: D-sub 15 pin x 1

Speaker
1 W (Mono)

Operating Temperature
41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz



Power Consumption
260 W, 5 W standby

Fan Noise
35 dB (High Light Output)
28 dB (Low Light Output)

Security
Kensington®-style lock provision,
Password protect function, security bar

DIMENSIONS (W x D x H)
Including feet: 12.9" x 9.6" x 4.0"
Excluding feet: 12.9" x 9.6" x 3.6"
Weight: 6.2 lb/2.8 kg

REMOTE CONTROL
Features
Source search selection, power, volume,
e-zoom, A/V mute, freeze, menu, page up
and down, help, auto, mouse functions

Operating Angle
Right/left: ± 30 degrees
Upper/lower: ± 15 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
warranty

What's In The Box
Power cable, computer cable (VGA),
USB cable, soft carrying case, projector
remote control, batteries, user manual CD,
Quick Setup Sheet, PrivateLine support
card, registration card and password
protection sticker

ACCESSORY PART NUMBERS

Universal projector ceiling mount	ELPMBPJF
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
SwissGear® backpack	ELPKS63
Wheeled soft case	ELPKS62
Soft shoulder case for projector and laptop	ELPKS61
Molded hardshell case	ELPKS58
50" portable screen	ELPSC06
60" portable pop-up screen	ELPSC07
80" portable pop-up screen	ELPSC08
Duet™ screen	ELPSC80
Epson DC-10s document camera	ELPDC10S
Kensington security lock	ELPSL01

PACKAGING SPECIFICATIONS

PowerLite 78
Dimensions 16.8" x 14.9" x 7.2" (W x D x H)
Weight 11.9 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 1.1 lb
Units Per Master Carton 10

Replacement Air Filter
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

* Lamp life results will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
** Light output varies depending upon modes (color and brightness) selected.