

EX100
Multimedia Projector



Small size
without compromise.

Features/Benefits

- Ultra bright — 2700 lumens for use in any lighting
- Featherweight portability — only 3.5 lb
- Rich, full-time color — advanced 3LCD, 3-chip optical engine
- Razor sharp detail, HD-ready — native XGA resolution, up to 1600 x 1200
- Outstanding support — two-year limited warranty, next-business-day Road Service
- Simple setup — 1.2x optical zoom and auto keystone correction
- Convenient control — Instant On, Instant Off,[®] and Sleep Mode
- Security anywhere — password protection and Kensington[®] lock bar
- Carrying case included



Ordering Information

Product Name	Product Code	UPC
EX100 (U.S.)	V11H230120	0 10343 87067 3
EX100 (Canada)	V11H230120-F	0 10343 87143 4
Replacement lamp	V13H010L38	0 10343 86102 2
Replacement air filter	V13H134A08	0 10343 85123 8

Epson. The world leader in projectors.

Epson EX100 Specifications

Projection System

High aperture Epson 3-chip 3LCD technology

Projection Method

Front/rear/ceiling mount

LCD

Driving Method

Epson Poly-silicon TFT Active Matrix

Pixel Number

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

Native Resolution

XGA

Aspect Ratio

4:3 (supports 16:9)

Pixel Arrangement

Cross stripe

Projection Lens

Type

Manual focus/zoom

F-number

1.6 – 1.77

Focal Length

23.77 – 28.54 mm

Zoom Ratio

Optical zoom 1.0 – 1.2

Lamp

Type

170 W UHE

Lamp Life*

2000 hours (High Brightness Mode)

3000 hours (Low Brightness Mode)

Screen

Throw Ratio Range

1.46" – 2.39"

Size (projected distance)

30" – 300" (3.2' – 39.7')

Keystone Correction

Vertical: ±30 degrees

Brightness (High Brightness Mode)

White light output – up to 2700 lumens (ISO 21118)

Color light output – up to 2700 lumens

Contrast Ratio (High Brightness, Game Mode)

Up to 400:1

Brightness Uniformity (typical)

83%

Color Reproduction

16.77 million colors

Dimensions (W x D x H)

Including Feet

10.7" x 7.6" x 3.1"

Excluding Feet

10.7" x 7.6" x 2.7"

Weight

3.5 lb/1.6 kg

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 selection, power, aspect resize, color mode, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions, ID

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

1400 x 1050

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

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

Interfaces

Computer/component video: mini D-sub HD 15 pin x 1

S-video: mini DIN x 1

Composite video RCA x 1

Audio in mini stereo x 1

USB 2.0 type B (for keyboard and mouse)

Other Features

Audio Output

1 W monaural

Audio Signal

500 m Vrms/47K ohm

Operating Temperature

41° to 95° F (5° to 35° C)

Power Supply Voltage

100 – 240 V ±10%, 50/60 Hz AC

Power Consumption

244 W, 18 W standby (network on),

3.8 W standby (network off)

Fan Noise

40 dB (High Brightness Mode)

35 dB (Low Brightness Mode)

Special Features

Direct Power Off, Instant On, Instant Off,

Sleep Mode

Security

Kensington®-style lock provision, anchor (metal) bar

for security lock or cable, password protect function

Support — The Epson Connection™

Pre-sales support

U.S. and Canada

Internet website

800-463-7766

www.epson.com

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)

Contents

Soft carrying case, component video adapter (VGA to

3 RCA), audio adapter (3.5mm – 2 RCA) power cable,

computer cable, projector remote control, batteries,

cable cover, user manual CD, Quick Setup Sheet,

PrivateLine support card, password protection sticker

Accessory Part Numbers

Replacement remote	1456639
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
Kensington security lock	ELPSL01
Distribution amplifier	ELPDA01
Component to VGA video adapter	
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
Swiss Gear back pack	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
83.6" classroom style pull-	
down screen	ELPSC09
Duet™ screen	ELPSC80
Image presentation camera	
(ELPDC05)	V12H162020

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

Packaging Specifications

EX100

Dimensions 11.4" x 14.6" x 7.7" (W x D x H)

Weight 7.3 lb

Replacement Lamp

Dimensions 5.1" x 5.5" x 5.6" (W x D x H)

Weight 0.59 lb

Master Carton

Dimensions 26.0" x 11.5" x 6.8" (W x D x H)

Weight 7.5 lb

Units Per Master Carton 10

Replacement Air Filter

Dimensions 4.9" x 4.0" x 1.3" (W x D x H)

Weight 0.07 lb

Master Carton

Dimensions 4.3" x 12.6" x 5.1" (W x D x H)

Weight 1.1 lb

Units Per Master Carton 10



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