Lens included

EPSON®
EXCEED YOUR VISION

PowerLite® G5000

Brilliant quality. Flexible setup.

Engineered for easy installation, the Epson PowerLite G5000 offers a flexible solution for any auditorium, classroom or boardroom. With 4000 lumens of color light output and white light output (ISO 21118 Standard)* and XGA resolution, this powerful, network-ready performer ensures amazing presentations and offers user-friendly maintenance features.

With one-touch filter removal and easy side lamp access, it offers a low cost of ownership and added peace of mind. It even includes a closed captioning decoder, so there are no added costs to include hearing impaired viewers. The Epson PowerLite G5000 is ideal for both executive boardrooms and educational institutions, with the value, power and performance for all your presentation needs.

Features/Benefits

- Amazing presentations in any classroom or boardroom — 4000 lumens*, XGA resolution
- Greater positioning flexibility — centered lens design, vertical/horizontal lens shift mechanism
- Standard lens with 1.8x zoom
- Direct On and Off — turn installed projectors off and on with the flip of an outlet switch
- Incredible color and detail — 1000:1 contrast ratio
- Flexible setup — convenient Quick Corner® function
- Easy monitoring and control — Epson monitor software
- Network-ready for monitor and control — RJ-45 LAN connection
- Closed captioning capabilities without any added costs — built-in decoder
- Convenient maintenance features — one-touch filter replacement and easy side access to the lamp
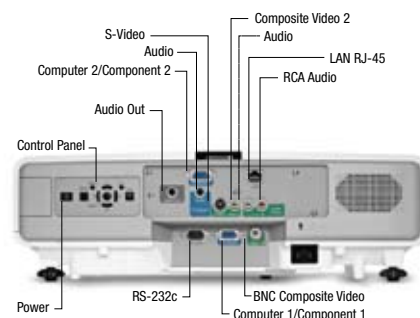- Single off-axis installation — 30-degree tilt operation

G5000 Remote

G5000 Front

G5000 Top

G5000 Back

Composite Video 2
Audio
S-Video
Audio
LAN RJ-45
Computer 2/Component 2
RCA Audio
Audio Out
Control Panel
Power
RS-232c
BNC Composite Video
Computer 1/Component 1

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 pixel x 3 LCDs (1024 x 768)

Native Resolution
XGA

Aspect Ratio
Supports 4:3, 16:9, 16:10

Pixel Arrangement
Cross stripe

Projection Lens
Type
Manual focus/zoom

F-number
1.64 – 2.5

Focal Length
21.27 mm – 37.93 mm

Zoom Ratio
Optical zoom 1.0 – 1.8

Screen
White Light Output*
4000 lumens (ISO 21118 Standard)

Color Light Output*
4000 lumens

Contrast Ratio (High Brightness, Game Mode)
Up to 1000:1

Brightness Uniformity (typical)
86%

Color Reproduction
16.7 million colors

Throw Ratio Range
1.64" – 2.5"

Size (projected distance)
30" – 300"

Lens Shift
Vertical: ±50 degrees
Horizontal: ±10 degrees

Keystone Correction
Vertical: -40 degrees to +40 degrees
Horizontal: -20 degrees to +20 degrees

Lamp
Type
210 W UHE

Lamp Life**
2000 hours (High Brightness Mode)
3000 hours (Low Brightness Mode)

Dimensions (W x D x H)
Including Feet (with standard lens)
18.5" x 13.26" x 5.94"

Excluding Feet, Lens
18.5" x 12.27" x 5.31"

Weight
14.55 lb

Effective Scanning Frequency Range
Pixel Clock
13.5 MHz – 162 MHz (up to UXGA 60 Hz)

Horizontal
15 KHz – 99 KHz

Vertical
50 Hz – 120 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 ± 60 degrees
Upper/lower ± 20 degrees
Rear ± 30 degrees

Operating Distance
40 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
Pixel works: video chip
3D Y/C separation, noise reduction motion compensated
Interlace-Progressive conversion (2 – 2, 3 – 2 film detection)

Interfaces
Computer/component video: mini D-sub HD 15 pin x 2
S-video: mini DIN x 1
Composite video: RCA x 1, composite x 1 BNC
Audio in (RCA (L & R) x 1, mini stereo x 1)
Variable audio out: mini stereo x 1
LAN networking: RJ-45 x 1, 10/100MB
Serial: RS-232c x 1

Other Features
Operating Temperature
32˚ to 104˚F (0˚ to 40˚C)

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

Power Consumption
0.6 W standby (343 W)

Fan Noise
35 dB (High Brightness Mode)
29 dB (Low Brightness Mode)

Security
Kensington®-style lock provision, anchor (metal) bar for security lock or cable

Support — Epson Connection℠
Pre-sales support
U.S. and Canada   800-463-7766
Internet website   www.epson.com
Projector resources available at   presentersonline.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
Power cable, computer cable, projector remote control, batteries, user manual CD, Quick Setup Sheet, PrivateLine support card, password protection sticker, lens included

Accessory Part Numbers
Replacement lamp	V13H010L47
Wireless mouse receiver for Air filter	V13H134A17
Replacement remote control	1485872
Advanced projector ceiling mount with precision gear	ELPMBPRG
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Structural round ceiling plate	ELPMBP03
Adjustable extension column (pipe) 8" – 11"	ELPMBC01
Kensington security lock	ELPSL01
50-inch portable screen (4:3 aspect ratio)	ELPSC06
60-inch portable pop-up screen (4:3 aspect ratio)	ELPSC07
80-inch portable pop-up screen (4:3 aspect ratio)	ELPSC08
Duet™ portable projector screen (4:3/16:9 combination)	ELPSC80
Component to VGA video cable	ELPKC19
S-video cable	ELPSV01
Distribution amplifier	ELPDA01
Remote control (ELPST16)	V12H007T16
Image presentation camera (ELPDC05)	V12H162020

Projector Part Number
PowerLite G5000 (lens included)	V11H299020

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

Packaging Specifications

PowerLite G5000		Replacement Lamp		Replacement Air Filter	
Dimensions 16.1" x 25.3" x 12.2" (W x D x H)		Dimensions 6.3" x 5.6" x 5.6" (W x D x H)		Dimensions 11.14" x 3.59" x 1.73" (W x D x H)	
Weight 22.3 lb		Weight 0.97 lb		Weight 0.21 lb	
		Master Carton		Master Carton	
		Dimensions 28.4" x 13.1" x 6.8" (W x D x H)		Dimensions 19.17" x 11.78" x 4.84" (W x D x H)	
		Weight 11.7 lb		Weight 3.09 lb	
		Units Per Master Carton 10		Units Per Master Carton 10	

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Touchboards

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