EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

Projectors

Large Venue

Pro G7100NL XGA 3LCD Projector without Lens



Shown with lens. Lens sold separately.

Bright large-venue projector with optional lenses and HDBaseT™

3x Higher Color Brightness[1] and reliable performance — 3LCD, 3-chip technology

One measurement of brightness is not enough — look for both high color brightness and high white brightness. The Pro G7100NL has:
- **Color Brightness:** 6500 lumens[2]
- **White Brightness:** 6500 lumens[2]

Brilliant images — XGA (1024 x 768) resolution for presentations, videos, digital signage and more

Ten optional interchangeable lenses — with powered lens shift and lens memory, including an ultra short-throw lens for shallow spaces

Versatile connectivity — supports the full range of inputs, including HDBaseT, HDMI®, DVI-D, VGA and 5-BNC, for easy integration with any system

Advanced collaboration features — simultaneously project side-by-side from different sources with Split Screen[3]

Web-based remote management — control and monitor projector status via a Web browser

Multi-PC Projection — connect up to 50 Windows®, Mac®, iOS® or Android™ devices and display up to four screens simultaneously over the network (controlled via the Moderator[4] function from your PC)

Dynamic projection capabilities — advanced built-in Edge Blending, image warping and curved-surface correction technologies for a variety of applications

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Specifications

Projection System High-aperture Epson® 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Driving Method Poly-silicon TFT Active Matrix
Pixel Number 786,432 dots (1024 x 768) x 3
Native Resolution 1024 x 768 (XGA)
Resize 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050
Aspect Ratio Supports 4:3, 16:9, 16:10
Pixel Arrangement Cross stripe
Color Brightness[2] Color Light Output: 6500 lumens
White Brightness[2] White Light Output: 6500 lumens
Contrast Ratio 50,000:1 (Full White 6500 lm / Full Black 0 lm)
Brightness Uniformity (typical) 90%
Color Reproduction Up to 1 billion colors
Size (projected distance) 50" - 300"
Lens Shift Vertical: ±67 percent; horizontal: ±30 percent
Keystone Correction Vertical: ±45 degrees; horizontal: ±30 degrees
Lamp Type 400 W UHE
Lamp Life[5] **(ECO Mode/Normal)** Up to 4000/3000 hours

Projection Lens (Standard, Not Included)

See website for information on optional lenses.
Type Powered focus/zoom
F-number 1.70 - 2.30
Focal Length 24.0 mm - 38.2 mm
Zoom Ratio Optical zoom 1 - 1.6x
Throw Ratio Range 1.44 - 2.32

Other Features

Operating Temperature 32 ˚ to 113 ˚F (0 ˚ to 45 ˚C)
Power Supply Voltage 100 - 240 V ±10%, 50/60 Hz AC
Power Consumption
540 W (Normal Mode)
498 W (ECO Mode)
3.0 W Standby (Communication on)
0.5 W Standby (Communication off)
Fan Noise 37 dB (Normal Mode); max. 31 dB (ECO Mode)
Security Security cable hole, lens lock, Kensington lock provision

Effective Scanning Frequency Range

Pixel Clock 13.5 MHz - 162 MHz (up to UXGA 60 Hz)
Horizontal 15 kHz - 92 kHz
Vertical 50 Hz - 85 Hz

Video I/O

Display Performance NTSC: 480 line, PAL: 576 line (depends on observation of the multi-burst pattern)
Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-AL/PAL60/SECAM/480i/576i/480p/576p/720p/1080i/1080p
Pixelworks® Video Chip 3D Y/C separation, noise reduction motion compensated Interlace-Progressive conversion (2 - 2, 3 - 2 film detection)

Interfaces

HDBaseT x 1
DVI-D x1
HDMI x 1
Computer: D-sub 15 pin x 1
Component Video: BNC x 1
Audio-in: Mini stereo x 3
Audio Out x 1
Network: RJ-45 x 1, 100 Mbps Serial: RS-232c
Hardwire remote jack x 1
Monitor Out: D-sub 15 pin x 1



Dimensions (W x D x H)

Excluding Feet, Lens 19.88" x 15.04" x 5.67"
Weight 19.6 lb
Including Feet, Lens 19.88" x 15.94" x 6.73"
Weight 28.4 lb

Remote Control

Features Power, source search selection, computer, video, A/V Mute, freeze, user ID, auto, aspect, color mode, number, page up and down, E-zoom, volume, help, menu, enter, esc and pointer functions
Operating Angle
Right/left: Front: ± 60 degrees; Rear: ± 30 degrees
Upper/lower: Front: ± 20 degrees; Rear: +10 to +50 degrees
Operating Distance 49 ft

Eco Features

RoHS compliant
Recyclable product[6]
Epson America, Inc. is a SmartWay® Transport Partner[7]

Support

The Epson Connection℠
Pre-sales support U.S. and Canada 800-463-7766
Internet website www.epson.com
Service Programs
Limited warranty of 20,000 hours of usage or 3 years, whichever comes first, Epson Road Service program, PrivateLine® dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty

What's in the Box

Pro G7100NL projector, power cable, computer cable (VGA), projector remote control with batteries, user manual CD, EasyMP® software CD, Quick Setup Sheet and lens lock screw

Ordering Information

Pro G7100NL	V11H754920
Genuine Epson lamp (ELPLP93)	V13H010L93
Replacement air filter (ELPAF30)	V13H134A30
Ultra short-throw zoom Lens	V12H004X01
Short-throw #1 zoom Lens	V12H004U03
Short-throw #2 zoom Lens	V12H004U04
Wide-throw #1 zoom Lens	V12H004W05
Wide-throw #2 zoom Lens	V12H004W06
Middle-throw #1 zoom Lens	V12H004M08
Middle-throw #2 zoom Lens	V12H004M09
Middle-throw #3 zoom Lens	V12H004M10
Middle-throw #4 zoom Lens	V12H004M11
Long-throw zoom Lens	V12H004L08
Quick Wireless Connect key (ELPAP10)	V12H731P02
Epson Ceiling Mount - low ceilings (ELPMB47)	V12H802010
Epson Ceiling Mount - high ceilings (ELPMB48)	V12H803010
Advanced projector ceiling mount with precision gear	ELPMBPRH
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
Distribution amplifier	ELPDA01
HDBaseT Transmitter (ELPHD01)	V12H547020
Wireless LAN module (ELPAP10)	V12H731P02
1-year extended warranty	EPPEXPB1
2-year extended warranty	EPPFTPB2

1 Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. The projectors used by a third-party lab for measuring color brightness were leading Epson 3LCD business and education projectors and leading 1-chip DLP projectors, based on NPD sales data for June 2013 through May 2014 and PMA Research sales data for Q1 through Q3 2013. | **2** Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | **3** Consult your user manual for input combinations. | **4** Moderator feature is part of EasyMP Multi-PC Projection software. | **5** Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | **6** For convenient and reasonable recycling options, visit www.epson.com/recycle | **7** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future™
eco.epson.com

SmartWay Transport Partner
Getting There With Cleaner Air

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Phone Number

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