

Pro G7100 XGA 3LCD Projector

Projectors

Large Venue



Bright large-venue projector with powered lenses and HDBaseT™

3x Higher Color Brightness¹ 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 G7100 has:

Color Brightness: 6500 lumens²

White Brightness: 6500 lumens²

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

Nine optional interchangeable lenses — with powered lens shift and lens memory, including an ultra short-throw lens for shallow spaces (one lens included)

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 Screen³

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 Moderator⁴ function from your PC)

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



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 Brightness² Color Light Output: 6500 lumens
White Brightness² 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 Life⁵ (ECO Mode/Normal) Up to 4000/3000 hours

Projection Lens (Standard)

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 product⁶
 Epson America, Inc. is a SmartWay® Transport Partner⁷

Support

The Epson ConnectionSM
 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 G7100 projector, a lens, 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 G7100 | V11H754020 |
| 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" | ELPMB01 |
| 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 | EPPTPB2 |

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.

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