SHARP

PG-LW3500/PG-LW3000
PG-LX3500/PG-LX3000
Professional Projectors

# Portable, Lightweight 3D-Ready Projectors with High Brilliance and Advanced Connectivity

## Excellent for Education and Business Applications

PJLink®

BrilliantColor™

DLP 3D READY

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

# High Quality 3D Ready Projectors with up to

## Exceptional Imagery in a Lightweight, Portable Package

### Lightweight and Portable

Weighing only 5.7 lbs. (2.6 kg) these projectors are among the lightest in their class, making them the perfect solution for schools, businesses and any large organization where projectors are frequently transported from room to room. Nearly any user will find it easy and quick to pack, carry and set-up these models.

### HDMI Terminal

Digital-to-digital connection is made simply by using an HDMI cable, delivering high-quality video and audio reproduction.

### BrilliantColor™ Technology with Six-Segment Color Wheel

BrilliantColor technology improves picture brilliance particularly for intermediate colors providing natural, detailed images. Sharp has also developed a double-speed color wheel with six color segments including yellow, cyan, red, green, blue and white. With unique color-matching technology and these six color combinations, images are reproduced with dazzling, life-like clarity.

4-segment color wheel
(red, blue, green and white)

6-segment color wheel
(red, blue, green, yellow, cyan and white)
(PG-LX3000/LW3000)

### 3D Ready

When used with compatible 3D field sequential content and optional 3D active shutter glasses that support the DLP® Link™ 3D format, the PG-L3000 Series Projectors can help take your presentation to the next level with captivating, breathtaking 3D imagery.

## Easy Set-up with Flexible Installation

### Quick Menu On Screen Display and Easy Set-Up Guide

These models are equipped with on-screen display quick menus to immediately set the resolution, keystone and Eco-mode. For even greater ease of use, the setup guide provides intuitive on-screen images to display the next step for setup, including focus, zoom and height adjustment. All this, plus large buttons help make these projectors extremely user-friendly.

### No Screen Required

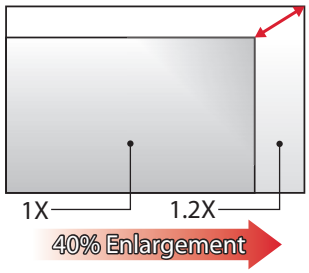
Don't have a projection screen handy? Don't worry. The PG-L3000 Series allows you to project the image onto a colored surface, such as a wall, whiteboard or chalkboard.

### PJLink™ Capability

The projector is compatible with devices that support PJLink, enabling systems to be easily built for centralized management and operation using a controller. For additional information about PJLink, visit http://pjlink.jbmia.or.jp/english/

### 1.2x Optical Zoom Provides Flexible Installation Options

The PG-L3000 Series are truly "go-anywhere" projectors, ready to perform in just about any size room. The 1.2x optical zoom allows the screen image to be enlarged by up to 40% to fit a screen as large as 100" while maintaining picture quality.

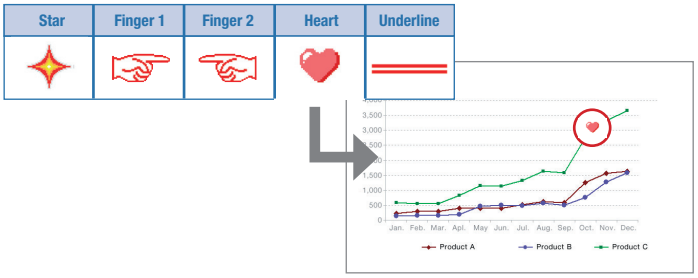



### Presentation Assist Remote Control

With the GUI pointer, five different icons can be displayed to effectively use for your presentations. Three spotlight sizes, ranging from 1/25, 1/9 or 1/8 the screen provide visual effects to focus on a specified subject.

Also, the remote control can be used up to 32.8 ft (10 m).

**Pointer Icons**

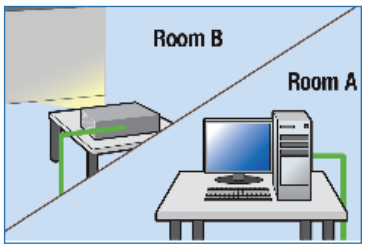



**Spotlights**

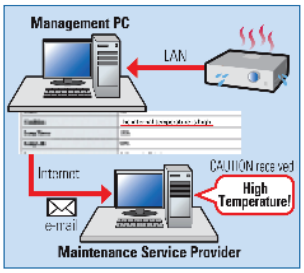
# 3,500 Lumen and Ultra-Lightweight Body

## Complete Control with Built-in Web Browser

### Remote Access for Control and Adjustment
Projector control functions, including power on, input select, volume and AV mute can be controlled and adjusted by a computer even in another room.




### Auto Diagnosis and E-mail Alerts
An E-mail is automatically sent to designated E-mail addresses when the unit detects an issue, such as the lamp going out, unusual heating or a cooling fan malfunction.




### Sharp Display Manager Software
For a greater variety of network projector control options, download Display Manager Software from the Sharp USA website: www.sharpusa.com/projectors.

- **Remote Access for Multiple Projector Control**
  A centralized computer can control multiple projectors simultaneously, individually or as a group.
- **Auto E-mail Alerts**
  The Display Manager sends periodic reports and an error message to a specific address.
- **Automatic Theft Detection**
  A warning message will appear on the screen of a computer when projector cables are disconnected.

## Optimal Safety and Efficiency

### Long-Life, Filter-Free DLP® Chip
The DLP Chip found in each PG-L3000 Series Professional Projector provides stable performance and delivers high-quality images up to 20,000 hours.* Plus, the sealed DLP chip with filter-free design prevents dust and dirt particles from entering core parts of the optics. There is no need to worry about costs for filter replacement, ensuring lower maintenance and operating costs.

* Life is measured at a surrounding temperature of 77° F.
This is a reference value and is not guaranteed.

### Safe and Easy Lamp Access
When the lamp is removed from the projector for replacement, the lamp door automatically closes, ensuring safe replacement in the event of breakage.

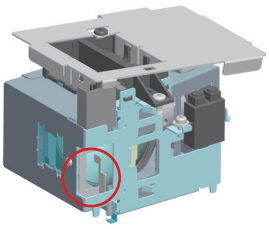
Lamp replacement is easy even when the projector is mounted on the ceiling. Easy top lamp access means you can replace it in a snap without removing the unit from the mount.

### Long Lamp Life
The projectors use a 5,000 hour† long-life lamp, reduce the frequency of lamp replacement and helping reduce costs.

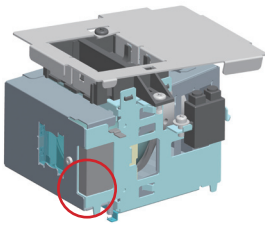
† With Eco-Quiet Mode on, the lamp life may vary depending on usage conditions.

- **0.35W Low Power Consumption on Standby‡**
  ‡ When STANDBY Mode is set to Eco Mode.
- **Auto Power Off Function**
- **RoHS Compatibility**
- **Produced in an ISO14001-certified Factory**

Lamp door opens



Lamp door closes



Easy Top Lamp Access

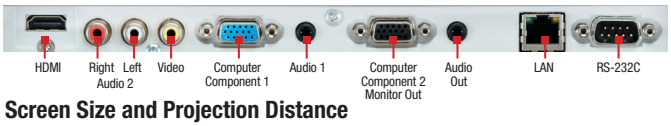
# PG-LW3500/PG-LW3000
# PG-LX3500/PG-LX3000

## Optional Accessories

| Lamp | Ceiling Mounts | |
|---|---|---|
| | AN-XRCM30 | Ceiling Mount Bracket |
| | AN-EP101B | Extension Tube |
| | AN-JT200 | Angle Mount Joint (for use with ceiling mount) |

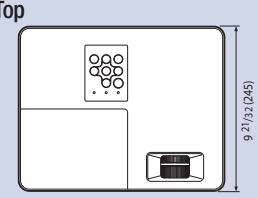
NOTE: Some of the optional accessories may not be available depending on the region. Please check with your nearest Sharp Authorized Projector Dealer or Service Center.

## Rear Terminals

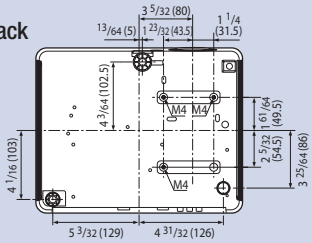



## Dimensions

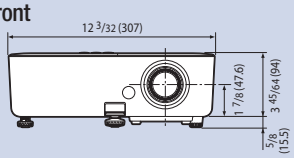
Top



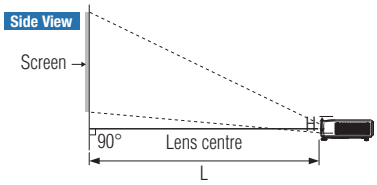

Back




Front




## Screen Size and Projection Distance




**PG-LW3000/PG-LW3500 16:10 Signal Input (Normal Mode)**

| Picture size | | | Projection distance [L] | | Distance from the lens center to the bottom of the image [H] |
|---|---|---|---|---|---|
| Diag. | Width | Height | Minimum [L1] | Maximum [L2] | |
| 300" | 254" | 159" | 32' 9" | 39' 6" | 2 37/64" |
| 200" | 170" | 106" | 21' 10" | 26' 4" | 1 23/32" |
| 100" | 85" | 53" | 10' 11" | 13' 2" | 55/64" |
| 40" | 34" | 21" | 4' 4" | 5' 3" | 11/32" |

**PG-LX3000/PG-LX3500 4:3 Signal Input (Normal Mode)**

| Picture size | | | Projection distance [L] | | Distance from the lens center to the bottom of the image [H] |
|---|---|---|---|---|---|
| Diag. | Width | Height | Minimum [L1] | Maximum [L2] | |
| 300" | 240" | 180" | 38' 9" | 46' 5" | 6 23/32" |
| 200" | 160" | 120" | 25' 10" | 30' 11" | 4 31/64' |
| 100" | 80" | 60" | 12' 11" | 15' 6" | 2 15/64' |
| 40" | 32" | 24" | 5' 2" | 6' 2" | 57/64" |

## 3D Supported Signals

| Signal | | Horizontal frequency [kHz] | Vertical frequency [Hz] | Analog Support | Digital Support*1 |
|---|---|---|---|---|---|
| SVGA | 800 x 600 | 77.1 | 120 | ✓ | ✓ |
| XGA | 1,024 x 768 | 98.6 | 120 | ✓ | ✓ |
| WXGA*2 | 1,280 x 720 | 92.6 | 120 | ✓ | ✓ |
| | 1,280 x 800 | 101.6 | 120*3 | ✓ | ✓ |

*1 Only the field sequential signal is supported. HDMI 3D is not supported.
*2 PG-LW3000 and PG-LW3500 only. *3 Reduced blanking.

### Precautions on Viewing Stereoscopic 3D

- The sense of three-dimensionality may vary between individuals.
- Viewing stereoscopic 3D may cause discomfort or eye strain.
- For protection of proper eye development, children should avoid viewing stereoscopic 3D.
- Avoid viewing stereoscopic 3D if you have a pre-existing oversensitivity to light, sleep disorder, heart disease or are pregnant, in poor health, feeling unwell or inebriated.
- Read the operation manual carefully to ensure viewing stereoscopic 3D with safety and comfort.

## Specifications

| Models | | PG-LW3500 | PG-LW3000 | PG-LX3500 | PG-LX3000 |
|---|---|---|---|---|---|
| Display devices | | 0.65" DLP® chip x 1 | | 0.55" DLP chip x 1 | |
| Resolution | | WXGA (1,280 x 800) | | XGA (1,024 x 768) | |
| Brightness | | 3,500 lumens | 3,000 lumens | 3,500 lumens | 3,000 lumens |
| Contrast ratio | | 2,000:1 | | | |
| Lens | F number | F 2.5 to 2.7 | | | |
| | Zoom | Manual, x1.2 (f = 21.8 to 25.6 mm) | | | |
| | Focus | Manual | | | |
| Picture size | | 40" (102 cm) to 300" (762 cm) | | | |
| Projection distance | | 40": 1.3 to 1.6 m, 100": 3.3 to 4.0 m, 300": 10.0 to 12.0m 40": 1.6 to 1.9 m, 100": 3.9 to 4.7 m, 300": 11.8 to 14.2m | | | |
| Input signals | Computer RGB | UXGA*, WSXGA+*, SXGA+, SXGA, WXGA+*, WXGA, XGA, SVGA, VGA Mac 21", Mac 19", Mac 16", Mac 13" [* Analog only ] | | | |
| | DTV | 1080P, 1080I, 1035I, 720P, 576P, 576I, 540P, 480P, 480I | | | |
| Input terminals | HDMI | x1 | | | |
| | Computer / Component (mini D-sub 15-pin) | x2 | | | |
| | Composite Video (RCA) | x1 | | | |
| | Audio (ø3.5-mm stereo minijack) | x1 | | | |
| | Audio (RCA) | x1 (L/R) | | | |
| Output terminals | Computer / Component (mini D-sub 15-pin) | 1 (Shared with computer / component input 2, switchable) | | | |
| | Audio (ø3.5-mm stereo minijack) | 1 (variable audio output) | | | |
| Control terminal | LAN (RJ-45) | x1 | | | |
| | RS-232C (D-sub 9-pin) | x1 | | | |
| Horizontal frequency | | 15 to 110 kHz | | | |
| Vertical frequency | | 45 to 85 Hz | | | |
| Audio system | | 2W (Mono) | | | |
| Fan noise | Eco+Quiet off / Eco+Quiet On | 39 dB / 31 dB | | | |
| Projection lamp | | 250 W | | | |
| On-screen display Inguages | | English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, simplified Chinese, Korean, Japanese | | | |
| Rated voltage | | AC100 to 240 V | | | |
| Rated frequency | | 50 / 60 Hz | | | |
| Input current | | 3.1 A | | | |
| Power consumption | Eco+Quiet Off | 312W with AC 100V, 306W with AC 240V | | | |
| | Eco+Quiet On | 218W with AC 100V, 218W with AC 240V | | | |
| Standby mode | Quick Start | 4.85W with AC 100V, 5.34W with AC 240V | | 4.47W with AC 100V, 4.99W with AC 240V | |
| | Eco | 0.35W with AC 100V, 0.78W with AC 240V | | | |
| Operation temperature | | 41°F to 95°F (5°C to 35°C) | | | |
| Cabinet | | Plastic | | | |
| Dimensions (main body only) W x H x D | | 12-3/32" × 3-45/64" × 9-21/32" (307 × 94 × 245 mm) | | | |
| Weight (approx.) | | 5.7 lbs. (2.6kg) | 5.5 lbs. (2.5kg) | 5.7 lbs. (2.6kg) | 5.5 lbs. (2.5kg) |
| UPC | | 074000374324 | 074000374317 | 074000374300 | 074000374294 |
| Supplied accessories | | Remote control, two LR03 (AAA) batteries, power cord (6' (1.8 m)), RGB cable (6' (1.8m)), Initial setup guide, CD-ROM | | | |
| Limited warranty | | 3 Years Parts and Labor including 3 Years "ER" 24-hour Turnaround Express Repair support. (90 day warranty on user-replaceable projection lamp.) | | | |

SHARP

SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, NJ 07495-1163
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