SHARP

PG-LX2000 (XGA, 2800 Lumens)
PG-LW2000 (WXGA, 2800 Lumens)
PG-LS2000 (SVGA, 2800 Lumens)

3D Ready BrilliantColor™ DLP® Data/Video Projectors

Model Shown: PG-LX2000

Portable and affordable, these 3D Ready BrilliantColor™ DLP® projectors deliver high image quality and superb reliability for classroom, meeting room and small office use. With 2,800 lumens and 2,000:1 contrast ratio, these models provide exceptionally vibrant and realistic image reproduction. The sealed DLP chip with filter-free design helps ensure low maintenance and operating costs. Built in an ISO 14001 certified factory with standby power consumption as low as 0.5W and estimated lamp life of up to 5,000 hours (in eco mode), these lightweight RoHS compatible projectors are an environmentally conscious choice.

3D Ready. Incorporating DLP Link™ technology, when used with compatible 3D field sequential content and active shutter 3D glasses (not included) that support the DLP Link system, these projectors captivate audiences with breathtaking 3D imagery. (Please refer to product operation manual for more specific 3D compatibility information.) When not being used for 3D projection, these models offer full compatibility with traditional "2D" content.

High Brightness and Contrast with 2,800 lumens and 2,000:1 contrast ratio.

BrilliantColor DLP Technology and 5-Segment Color Wheel for superior color accuracy and more realistic image reproduction.

Sealed DLP Chip with Filter-Free Design for lower maintenance and operating costs.

Easy setup and Operation with "Quick-Start" on-screen setup guide, 1.2x optical zoom lens, and vertical keystone correction directly accessible from the remote.

Built-in Closed Caption Decoder with black and white text for easy readability.

Flexible and Lightweight. Weighing just 5.1 lbs., these projectors are ideal for both portable (table-top) and fixed installation (ceiling mount) applications.

Wide complement of inputs including HDMI® (available on PG-LX2000 and PG-LW2000), RGB/component, composite video and stereo audio. An RS-232C serial control/communications port is also provided.

Presentation Assist Functions (by remote control) include 3D Mode on/off, GUI (Graphic User Interface) Pointer, Spotlight, Image Freeze, Image Enlarge, Break Timer and AV Mute.

Enhanced Anti-Theft and Security Features include Kensington® lock compatibility, security bar, key lock and system lock functions, and optional security cable kit (for use with optional ceiling mount bracket).

Top of Projector Lamp Access (with user replaceable lamp) helps ensure quick and easy lamp replacement even in ceiling mounted projector installations.

Screen Size and Projection Distance

PG-LX2000 and PG-LS2000

4:3 Signal Input (Normal Mode)

| Picture (Screen) Size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [x]	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"
150"	120"	90"	19' 5"	23' 3"	3 23/64"
120"	96"	72"	15' 6"	18' 7"	2 11/16"
100"	80"	60"	12' 11"	15' 6"	2 15/64"
80"	64"	48"	10' 4"	12' 5"	1 51/64"
60"	48"	36"	7' 9"	9' 3"	1 11/32"
40"	32"	24"	5' 2"	6' 2"	0 57/64"

16:9 Signal Input (16:9 Mode)

Picture (Screen) Size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [x]	Width	Height	Minimum [L1]	Maximum [L2]	
300"	261"	147"	42' 3"	50' 7"	31 53/64"
200"	174"	98"	28' 2"	33' 9"	21 7/32"
150"	131"	74"	21' 2"	25' 3"	15 59/64"
120"	105"	59"	16' 11"	20' 3"	12 47/64"
100"	87"	49"	14' 1"	16' 10"	10 39/64"
80"	70"	39"	11' 3"	13' 6"	8 31/64"
60"	52"	29"	8' 5"	10' 1"	6 23/64"
40"	35"	20"	5' 8"	6' 9"	4 1/4"

PG-LW2000

4:3 Signal Input (Normal Mode)

Picture (Screen) size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [x]	Width	Height	Minimum [L1]	Maximum [L2]	
300"	240"	180"	37' 1"	44' 9"	2 29/32"
200"	160"	120"	24' 9"	29' 10"	1 15/16"
150"	120"	90"	18' 7"	22' 4"	1 29/64"
120"	96"	72"	14' 10"	17' 11"	1 11/64"
100"	80"	60"	12' 4"	14' 11"	0 31/32"
80"	64"	48"	9' 11"	11' 11"	0 25/32"
60"	48"	36"	7' 5"	8' 11"	0 37/64"
40"	32"	24"	4' 11"	6' 0"	0 25/64"

16:10 Signal Input (Normal Mode)

Picture (Screen) size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [x]	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"
150"	127"	79"	16' 5"	19' 9"	1 9/32"
120"	102"	64"	13' 1"	15' 10"	1 1/32"
100"	85"	53"	10' 11"	13' 2"	0 55/64"
80"	68"	42"	8' 9"	10' 6"	0 11/16"
60"	51"	32"	6' 7"	7' 11"	0 33/64"
40"	34"	21"	4' 4"	5' 3'	0 11/32"

Note: Allow a margin of error in the values in the diagrams above.

Model Number	PG-LW2000	PG-LX2000	PG-LS2000
Display Device	0.65" DLP® Chip with BrilliantColor™ Technology and 5-Segment Color Wheel	0.55" DLP® Chip with BrilliantColor™ Technology and 5-Segment Color Wheel	
3D Ready	Yes – Compatible with DLP® Link™ Technology		
Native Resolution / Aspect Ratio	WXGA (1280 x 800) / 16:10	XGA (1024 x 768) / 4:3	SVGA (800 x 600) / 4:3
Input Signals — Computer RGB	UXGA (analog)*1, WSXGA+ (analog)*1, SXGA+*1, SXGA*1, WXGA+ (analog)*1, WXGA*1 (applies to PG-LS2000 and PG-LX2000), XGA*1 (applies to PG-LS2000 only), SVGA, VGA, Mac 21", Mac 19", Mac 16", Mac 13"		
Input Signals — DTV / HDTV	1080p, 1080i, 1035i, 720p, 576p, 576i, 540p, 480p, 480i; NTSC / PAL / SECAM		
Brightness / Contrast Ratio	2800 Lumens / 2000:1		
Lens	1.2x Manual Zoom/Focus Lens. F 2.5 – 2.7; f=21.8~25.6mm. Throw ratio: 1:1.9-2.3		
Screen Size (Min / Max)	40" – 300" Diagonal		
Closed Caption	Yes (CC1, CC2)		
On-Screen Display Languages	Choice of 18 menu selectable on-screen display languages		
Horizontal / Vertical Frequency	15 – 110 kHz (H) / 45 – 85 kHz (V)		
Fan Noise — Eco+Quiet: Off / Eco+Quiet: On	37 dB / 32 dB		
Input Terminals	HDMI® (PG-LX2000 and PG-LW2000 only), Computer/Component Video (mini D-sub 15-pin), Composite Video (RCA), Stereo Audio (RCA L/R)		
Control and Communications Terminal	RS-232C (D-sub 9-pin)		
Audio System	2 W (Mono)		
Projection Lamp	210 W User Replaceable (replacement part number AN-LX20LP or AN-LX20LP/1) [UPC: 074000374249]		
Estimated Lamp Life — Eco+Quiet: Off / Eco+Quiet: On	Up to 3,000 hours / Up to 5,000 hours		
IR Remote Control Functions	On, Standby, Magnify (Enlarge), Freeze, Break Timer, AV Mute, Spotlight, Pointer, Adjustment (x4), Effect, Keystone, Function, Volume Up/Down, Input Select, Picture Mode, Auto Sync, Resize, Menu, Enter, Return, Eco+Quiet, 3D Mode		
Picture Modes	Standard, Presentation, sRGB, Movie, Game		
Power Source	AC 100V – 240V, 50/60 Hz, 2.7 A		
Power Consumption — Eco+Quiet: Off	100V AC: 267W; 240V AC: 254 W		
Power Consumption — Eco+Quiet: On	100V AC: 218W; 240V AC: 207 W		
Power Consumption (STANDBY Mode) — Quick Start	100V AC: 2.5 W; 240V AC: 2.9 W	100V AC: 1.9 W; 240V AC: 2.3 W	
Power Consumption (STANDBY Mode) — Eco	100V AC: 0.50 W; 240V AC: 0.85 W		
Operating / Storage Temperature	+41°F to +95°F (+5°C to +35°C) / -4°F to +140°F (-20°C to +60°C)		
Heat Dissipation — Eco+Quiet: Off / Eco+Quiet: On	100V AC: 910 BTU per hour / 740 BTU per hour 240V AC: 870 BTU per hour / 710 BTU per hour		
Safety Approval	UL, FCC Class A		
Cabinet Color	Dark gray (top cabinet) and light gray (bottom cabinet)		
Dimensions (main body only) and Weight (approx.)	12-3/32" (W) x 3-45/64" (H) x 9-21/32" (D); 5.1 lbs.		
Carton Dimensions and Weight (approx.)	16-7/32" (W) x 9-1/4" (H) x 13-1/2" (D); 9.9 lbs.		
Included Accessories	Wireless Remote; two AAA batteries; 6' AC Power Cord; 6' RGB Signal Cable; Initial Setup Guide; CD-ROM		
Optional Accessories	Replacement Lamp: AN-LX20LP or AN-LX20LP/1; Ceiling Mounting Bracket: AN-XRCM30; Ceiling Mount Extension Tube (provides 26" to 39" extension): AN-EP101B; Angle Mount Joint (for use with ceiling mount): AN-JT200; 16" Security Cable System (for use with ceiling mounting bracket): AN-CMCSS16; 46" Security Cable System (for use with ceiling mounting bracket and extension tube): AN-CMCSS46; 3-RCA (component video) to 15-pin D-sub cable (10'): AN-C3CP2; 3D Active Shutter Glasses: X102; Light Duty Storage Bag: AN-C500SB		
UPC	074000374287	074000374256	074000374263
Limited Warranty *2	3 Years Parts and Labor including 3 Years of "ER" 24-hour turnaround Express Repair. 90 day warranty on user-replaceable projection lamp.		

*1 Compatible in Intelligent Compression. *2. For full details, see warranty statement included with each product or as a PDF download at www.sharpusa.com.
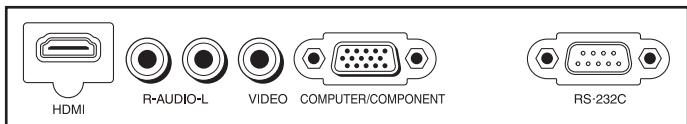
PG-LW2000 and PG-LX2000 Terminal Inputs
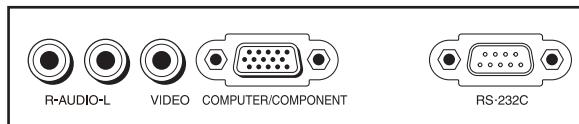
PG-LS2000 Terminal Inputs

Design and specifications subject to change without notice. Brightness values indicate overall average values at the time of shipment and are stated based on ISO 21118-2005. This international standard replaces the ANSI lumens ratings.

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