# L2K1000

Broadcast
Events and large venues
Government
Higher education
Home theater
Houses of worship
Medical training

*Lens sold separately*

## HD+ resolution for absolutely brilliant displays

The Christie L2K1000 takes 3LCD technology to the next level in resolution and cost effective performance by offering native 2K (2048 x 1080) resolution and Christie's proven image quality. This dual lamp system produces 10,000 ANSI lumens and can be stacked easily for added brightness up to 20,000 ANSI lumens. Ideal for Pro AV applications where high resolution data and full HD video content is required, the Christie L2K1000 offers rich color and fine detail.

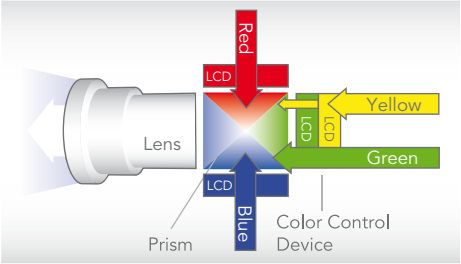
A suite of ten optional, high performance lenses ensure that image size is a perfect fit for any medium to large-sized application.

This projector offers built-in 3D Keystone™ technology for quick and easy image alignment as well as 4DColor™ technology for more life-like color.

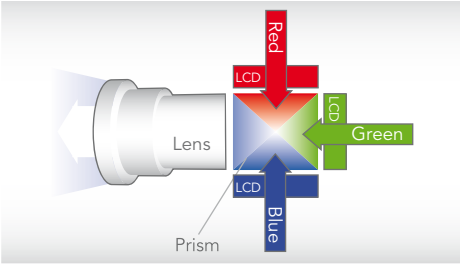
The Christie L2K1000 is the high resolution choice for auditoriums, broadcast sets, houses of worship, large conference rooms, training facilities and rental/staging applications.

CHRISTIE®

| | | L2K1000 |
|---|---|---|
| Image | brightness | • 10,000 ANSI lumens |
| | contrast | • 3000:1 (full on/off) |
| | uniformity | • 90% brightness uniformity (corner to corner) |
| Display technology | type | • 3 x 1.64" Inorganic LCDs |
| | native resolution | • Native 2K (2048 x 1080) |
| Lamp | type | • Dual 380W Ushio NSHA |
| | estimated life | • Normal mode: up to 2000 hrs • Eco mode: up to 3000 hrs |
| Input | signals | • 2K/WUXGA/UXGA/SXGA+/SXGA/WXGA/XGA/SVGA/VGA, MAC, NTCS, PAL, SECAM, NTSC4.43, PAL-M, PAL-N • Video (480i, 480P, 720P, 1080i, 1080p, 1080psf ) |
| | pixel clock | • Analog 230 MHz • Digital 162 MHz |
| | scan rates | • Horizontal: 15-120kHz • Vertical: 48-120Hz |
| Inputs/outputs, control and networking | inputs | • Input 1: DVI-D x 1 (Compatible with HDCP), HDMI x 1 (Version 1.3 with Deep Color), D-Sub15 x 1 • Input 2: BNC x 5 (R, G, B, H, V & Y, Pb/Cb, Pr/Cr & Composite), Mini DIN 4-pin (S-video) • Input 3: Option card slot • Input 4: Option card slot |
| | control | • Serial input: Dsub-9 x 1 • Serial output: Dsub-9 x 1<br>• R/C jack: mini jack x 1 • RJ-45 LAN x 1 |
| Optical system | | • Motorized zoom, focus and lens shift • Mechanical light shutter |
| Lenses | fixed | • Short 0.8:1 • Short 1.2:1 |
| | zoom | • Short 1.4-1.8:1 • Short 1.5-2.0:1 • Short 1.2-1.5:1 • Standard 2.0-2.6:1<br>• Standard 2.6-3.5:1 • Semi long 3.5-4.5:1 • Semi long 4.4-6.2:1 • Long 6.3-9.0:1 |
| | digital keystone | • Vertical: ±30 degrees • Horizontal: ±30 degrees |
| Accessories | standard | • Quick set-up manual • Real Color Management software instruction • Lens spacer for option lenses • Light-block sheet • Mounting clamp • Lens cover strap<br>• Power cord • AC cord UL type (NEMA 6-20P plug type) 3 meters • AC cord European 2P plug type 3 meters • Computer cable (Dsub15-Dsub15) • Remote control |
| | optional | • DVI/Dsub15 input card • 5 BNC/S-video input card • SDI-Dual input card<br>• Dual Link input card • 380W USHIO NSHA lamps • Replacement AutoFilter cartridge |
| Enhanced feature sets | | • 4DColor™ technology • Illuminated control panel • Stackable design for added brightness • Auto-switching lamp feature (single lamp mode) • Digital keystone h/v and 3D Keystone™ technology (Max: V±30°, H±30°) • AutoFilter cartridge (up to 11,000 hours) maintenance free operation • Built-in RS 232c port • Customizable start-up logo<br>• Selectable aspect ratio 4:3,16:9, 17:9 • Top loading lamps • Intuitive graphical user interface • Built-in keypad (power on/standby, menu, up, down, left, right arrows)<br>• Front and rear infrared sensors for IR keypad • Carrying handles • Auto discoloration prevention with 3D-AUCC technology • Top maintenance access to LCD panels – simplifies cleaning and maintenance |
| Power requirements | operating voltage | • AC 100-120V ±10% • AC 200-240V ±10% |
| | operating current | • 4.6A max at 200V (11.2A max at 100V) |
| | power | • 1000W (100-120V) • 955W (100-240V) |
| | dissipation | • 3582 BTU/hr |
| Dimensions | size | • (LxWxH): 29.8 x 20.9 x10.5" (757.0 x 530.0 x 267.5mm) (lens removed, feet at minimum height position) |
| | shipping size | • (LxWxH): 37.4 x 33.3 x 21.3" (951.0 x 846.0 x 542.0mm) |
| | weight | • 60.9lbs (27.6kg) (without lens) |
| | shipping weight | • 83.8lbs (38.0kg) (without lens) |
| Noise | | • Standard mode: 43dBA • Eco mode: 39dBA |
| Operating environment | | • Temperature: 41-104°F (5-40°C) • Storage temperature: 14-140°F (-10-60°C)<br>• Humidity: 20-80% non-condensing • Altitude: 0-8858ft (0-2700m) |
| Regulatory approvals | | • This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): • FCC, Part 15, Subpart B, Class A • EN55022/CISPR22: Class A • EN55024/CISPR24 • IEC 60950-1<br>• UL 60950-1 • CAN/CSA C22.2 No. 60950-1 • Directive (EC) 2002/95/EC (RoHS);<br>• Directive 2002/96/EC (WEEE); • Regulation (EC) No. 1907/2006 (REACH) |
| Limited warranty | | • Projector: 3 years parts and labor<br>• Lamp: 120 days/500 hrs total operation whichever occurs first<br>• Contact an authorized Christie representative for full details of our limited warranty |

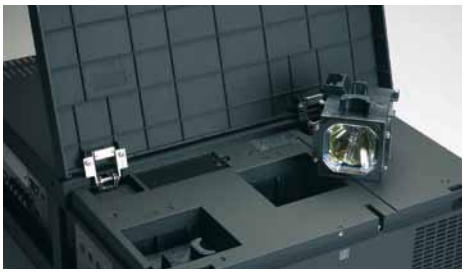



▲ 4DColor™ technology.




▲ Conventional 3-panel LCD – Real color performance is created by the Color Control Device which separates yellow light from red and green panels which also boosts the brightness performance.

▲ AutoFilter system provides up to 11,000 hours of hassle-free operation (typical use), before you need to replace the cartridge, which reduces the total cost of ownership of the projector.



▲ The dual lamp asymmetrical design provides high brightness and increased uniformity, even in a single lamp mode.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