

# Christie LX1750

Corporate AV  
Events and large venues  
Government

Higher education  
Houses of worship  
Medical training



*Lens sold separately*

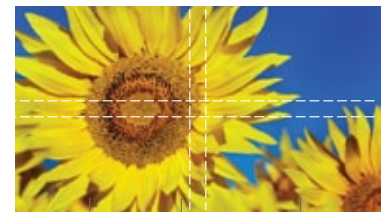
## High brightness, amazing color, excellent value

Delivering an amazing 16,000 ANSI lumens (17,500 center lumens), the Christie® LX1750 produces some of the highest brightness levels in its class. Featuring Christie's 4DColor™ technology, this high-performance, 3LCD projector provides superior color reproduction over conventional systems. Designed for various applications, including houses of worship, staged events, multi-tiled displays and large sized auditoriums, the LX1750 combines native XGA resolution and 2500:1 contrast ratio with 10-bit image processing for flawless image production.

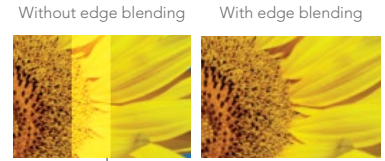
The Christie LX1750 is compatible with an expansive suite of optional lenses for a broad range of installation options that enable the projector to be positioned almost anywhere. The robust design and long-life components result in minimal maintenance intervals and a low cost of ownership.

**CHRISTIE®**

| Christie LX1750                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image                                  | brightness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | • 16,000 ANSI lumens • 17,500 center lumens                                                                                                                                                                                                                                                                                                                      |
|                                        | contrast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | • 2500:1 (full on/off)                                                                                                                                                                                                                                                                                                                                           |
|                                        | uniformity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | • 90% brightness uniformity (corner to corner)                                                                                                                                                                                                                                                                                                                   |
| Display technology                     | type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | • 3 x 1.8" Inorganic LCDs, with 4DColor™ technology (yellow LCD color device)                                                                                                                                                                                                                                                                                    |
|                                        | native resolution                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | • Native XGA (1024 x 768) 4:3                                                                                                                                                                                                                                                                                                                                    |
| Lamp                                   | type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | • 4 x 380W Ushio NSHA                                                                                                                                                                                                                                                                                                                                            |
|                                        | estimated life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | • Normal mode: up to 2000 hrs • Eco mode (1/2): up to 3000 hrs                                                                                                                                                                                                                                                                                                   |
| Input                                  | signals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | • WUXGA/UXGA/SXGA+/SXGA/WXGA/XGA/SVGA/VGA<br>• HDTV formats (480i, 480P, 720P, 1080i, 1080p, 1080psf) via RGB connection                                                                                                                                                                                                                                         |
|                                        | pixel clock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | • 230 MHz (analog) • 162 MHz (digital)                                                                                                                                                                                                                                                                                                                           |
|                                        | scan rates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | • Horizontal: 15-120kHz/26-80kHz (HDMI/DVI-D)<br>• Vertical: 48-120Hz/23-85Hz (HDMI/DVI-D)                                                                                                                                                                                                                                                                       |
| Inputs, outputs control and networking | input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | • Input 1: DVI-D x 1 (HDCP) • HDMI x 1 (Version 1.3 with Deep Color)<br>• D-Sub15 x 1 • Input 2: BNC x 5 (R, G, B, H, V & Y, Pb/Cb, Pr/Cr & Composite)<br>• S-video – Mini DIN 4-pin • Input 3: Option card – Free slot<br>• Input 4: Option card – Free slot • Serial input: Dsub-9 x 1 – RS-232<br>• RJ-45 LAN – Ethernet x 1 • USB port type B – service only |
|                                        | output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | • Serial output: Dsub-9 x 1-RS-232 • R/C jack: mini jack x 1 • RJ-45 LAN x 1                                                                                                                                                                                                                                                                                     |
| Optical system                         | • Power adjustable zoom, focus and lens shift • Motorized shutter (light douser)                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                  |
| Accessories                            | standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | • Lens spacer for option lenses • Light-block sheet • Mounting clamp • Lens cover strap<br>• 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 (103-134109-XX) • 5 BNC/S-video input card (103-133108-XX) • SDI-Dual input card (HD-SDI only) (103-132107-02)<br>• 380W USHIO NSHA lamps (003-120599-01) • Smoke filter kit (003-004739-01)<br>• Disposable smoke filter material (003-003705-XX)                                                                                       |
| Enhanced feature sets                  | • Stackable design • Auto-switching lamp feature (dual or quad lamp modes) • Built-in RS-232c port • Customizable start-up logo • Front and rear infrared sensors for IR keypad • Carrying handles • AMX Device Discovery • Top maintenance access to LCD<br>• Optional smoke filter kit • Optional input slots • LED illumination control panel                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                  |
| Power requirements                     | operating voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | • 200-240 VAC ±10%                                                                                                                                                                                                                                                                                                                                               |
|                                        | operating current                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | • 11.0A max (AC 200V)                                                                                                                                                                                                                                                                                                                                            |
|                                        | consumption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | • 1850W (AC 200-240V (11.0A Max), 50/60Hz)                                                                                                                                                                                                                                                                                                                       |
|                                        | dissipation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | • 6986 BTU/h                                                                                                                                                                                                                                                                                                                                                     |
| Physical                               | size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | • (LxWxH): 32.1 x 25.6 x 13.7" (815.0 x 650.0 x 349.0mm)<br>(w/o lens, feet at minimum height position)                                                                                                                                                                                                                                                          |
|                                        | shipping size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | • (LxWxH): 39.7 x 34.1 x 21.5" (1008.0 x 865.0 x 545.0mm)                                                                                                                                                                                                                                                                                                        |
|                                        | weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | • 102.5lbs (46.5kg) (without lens)                                                                                                                                                                                                                                                                                                                               |
|                                        | shipping weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | • 125.7lbs (57.0kg) (without lens)                                                                                                                                                                                                                                                                                                                               |
| Noise                                  | • Standard mode: 51dBA • Eco mode: 48dBA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                  |
| Environment                            | • Operating temperature: 41-104°F (5-40°C) (sea level to 1800m), 41-86°F (5-30°C) (1800-2700m sea level) • Storage temperature: 14-140°F (-10°-60°C)<br>• Humidity (non-condensing): 20- 80% • Altitude: 0-8858ft (0-2700m)                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
| Regulatory approvals                   | • This product conforms to all relevant European directives, standards, safety, health and environmental concerns • Directives: RoHS, REACH, WEEE<br>• Regulations: UL/CSA/IEC 60950-1 • FCC Class A • CE • CCC • EAC • SABS • RCM<br>• This product is designed to comply to the rules and regulations required for the product to be sold in various regional markets, including USA/Canada, EU, Australia/New Zealand, China, Mexico, Russia, South Africa, India (pending) and Saudi Arabia |                                                                                                                                                                                                                                                                                                                                                                  |
| Warranty                               | • Projector: 3 years parts and labor • Lamp: 1 year or 500 hour total operation whichever occurs first • Contact an authorized Christie representative for full details of our limited warranty                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                  |



Color matching      Edge blending



Overlapping image edges

▲ Built-in control for color matching and edge-blending of images ensures digital accuracy when setting up multi-projector displays.

| Lenses <sup>1</sup> |                                       |
|---------------------|---------------------------------------|
| fixed               | • Short 0.8:1 (103-135100-XX)         |
| zoom                | • Short 1.2-1.5:1 (103-103101-XX)     |
|                     | • Short 1.4-1.8:1 (38-809037-XX)      |
|                     | • Short 1.5-2.0:1 (38-809094-XX)      |
|                     | • Standard 2.0-2.6:1 (38-809039-XX)   |
|                     | • Standard 2.0-2.6:1 (103-138103-XX)  |
|                     | • Standard 2.6-3.5:1 (38-809044-XX)   |
|                     | • Semi long 3.5-4.5:1 (103-129103-XX) |
|                     | • Semi long 3.5-4.5:1 (103-139104-XX) |
|                     | • Long 4.4-6.2:1 (103-130105-XX)      |
|                     | • Long 6.3-9.0:1 (38-809070-XX)       |
| digital keystone    | • Vertical: ±40 degrees               |
|                     | • Horizontal: ±40 degrees             |

<sup>1</sup> Performance specifications are typical and are subject to change.

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For the most current specification information, please visit [www.christiedigital.com](http://www.christiedigital.com)

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