

# LX700

Auditoriums  
Corporate boardrooms  
Houses of worship  
Rental staging  
Training rooms

*Lens sold separately*



## Real color. Real bright. Real LCD.

Offering a new standard in LCD image quality, the Christie LX700 is a 7000 lumen, XGA projector that incorporates 4DColor™, the latest generation of LCD technology. 4DColor™ utilizes an innovative 4-panel inorganic LCD design. The additional Color Control Device provides a 20% increase in color gamut over comparable 3-panel LCD models, resulting in more real, true-to-life colors.

The 4DColor™ technology incorporates inorganic LCDs to enhance image and video quality that ensures greater presentation impact. The combination of inorganic LCDs and additional Color Control Device gives the Christie LX700 a contrast ratio of 2200:1 for increased black level detail. The Christie LX700 utilizes 10-bit image processing to provide superior grey scale rendering and video with smooth artifact-free images.

The Christie LX700 is also easy to set up, install and maintain. With a variety of input connections and suite of optional lens, the Christie LX700 is ready to meet your application requirements. Connect to a broad range of computer and video signal sources including HDTV up to 1080p. The network expansion slot allows you to monitor and control your projector over a LAN via an optional network module. An AutoFilter cartridge system continually monitors the projector's use cycle and automatically rotates the filter sheet every 1000 hours for up to 10,000 hours of filter cartridge life.

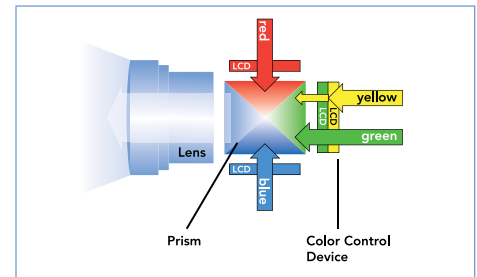
In corporate boardrooms, auditoriums, or houses of worship, the Christie LX700, with 4DColor™, provides bright, bold images to give your presentations the high impact they deserve.

**CHRISTIE®**

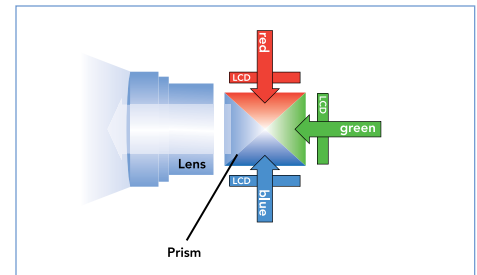
# TECHNICAL SPECIFICATIONS

		LX700 (103-020103-01)
Image	brightness	7000 ANSI Lumens
	contrast	2200:1 (full on/off)
	uniformity	90% brightness uniformity (corner to corner)
Display	type	3-chip 1.3" LCD light engine and additional Liquid Crystal Color Control Device
	native resolution	XGA 1024 x 768
Lamp	type	330W NSHA
	life	Normal mode: 2000 hrs, eco mode: 3000 hrs
Optional lenses <sup>1</sup>		Standard zoom lens 1.8-2.1 38-809051-51 • Short fixed lens 0.8:1 38-809049-51 • Short zoom lens 1.3-1.8:1 38-809047-51 • Long zoom lens 2.4-4.3:1 38-809048-51 • Long zoom lens 4.2-6.0:1 38-809068-51
Input	signals	UXGA*, SXGA+, SXGA, WXGA, XGA (native), SVGA, VGA, MAC *Analog signal only • HDTV formats (480i, 480P, 575i, 575p, 720P, 1035i, 1080i, 1080p *DVI)
	pixel clock	180MHz (analog)
	scan rates	15 kHz to 100 kHz Horizontal • 48 Hz to 100 Hz Vertical
Inputs, control and networking		Input 1: DVI-D x 1 (HDCP) • D-Sub15 x1 (menu selectable) • Input 2: 5-BNC (R, G, B, H, V & Y, Pb/Cb, Pr/Cr & Composite) • Input 3: S-video – DIN 4-pin x 1 • RCA x 3 (Video/Y, Pb/Cb, Pr/Cr) • Audio 3.5 mini jack (stereo) x 1 • RS-232c x 1, Service port USB (type B) • Expansion port for network module • 3.5 mini jack (wired remote) • Remote control (R/C) 3.5 mini jack
Accessories	standard	Owner's manual (CD-ROM) • Lens attachment (for optional lenses) • Quick reference guide light-block sheet (for optional lenses) • AC power cord spacer (for optional lenses) • Remote control and batteries • VGA cable • USB cable
	optional	Network module: CCM-LX – 103-115108-01 • Replacement lamp: 330W NSHA – 003-120458-01 • Replacement AutoFilter: 10,000 hr – 003-001726-01
Enhanced feature sets		4DColor™ technology from Color Control Device • Digital keystone feature (Max: V±40°, H±20°) • Menu security options • Kensington compatible slot • 10,000 hr AutoFilter • Network option slot • Shutter (light dower) • Easy maintenance side lamp and filter access • 10-bit digital image processing
Power requirements	operating voltage	• AC 100 – 120V (4.6A max. ampere), 50/60 Hz • AC 200 – 240V (2.3A max. ampere), 50/60 Hz
	operating current	5.55A
	power	491W (standby mode 19.3W)
	dissipation	1703 BTU/hr
Dimensions	size	(LxWxH): 17 x 14.5 x 7.36" (439.9 x 370.0 x 187.0mm) <sup>2</sup>
	shipping dimensions	(LxWxH): 24.8 x 19.3 x 15.2" (630 x 492 x 388mm)
	weight	25.1lb (11.4kg)
	shipping weight	35.1lb (15.9kg)
Operating environment		Temperature: 41 – 104°F (5 – 40°C) • Humidity: 20 – 80% non-condensing • Altitude: 0 – 8858 ft (0 – 2700m) • Audible noise: normal mode: 39 dBA; eco mode: 35 dBA
Regulatory approvals		This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): CFR 47 FCC Rules and Regulations Part 15 • EN55022: Class B • EN55024 • IEC 60950-1 • UL 60950-1 • CAN/CSA C22.2. No. 60950-1-03 • EU RoHS Directive
Limited warranty		Projector: 3 years parts and labor • Lamp: 120 days or 500 hours, whichever occurs first • Contact an authorized Christie representative for full details of our limited warranty

<sup>1</sup> Ships without a lens. <sup>2</sup> Body dimensions, without lens with feet at minimum height position.



▲ NEW 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.



▲ New AutoFilter system reduces maintenance cost – up to 10,000 hours before replacement.

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ISO 9001



ISO 14001



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



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