LX700/LHD700

Auditoriums
Boardrooms
Classrooms
Houses of worship
Rental staging
Training rooms

Lens sold separately

Quality presentation power

Offering a choice of XGA (1024 x 768) or full HD (1920 x 1080) resolutions at 7000 ANSI lumens with high contrast and vivid color, these inorganic LCD projectors pack a lot of punch in a portable package.

The Christie® LX700 and Christie LHD700 are single-lamp projectors featuring 4DColor™ technology that increases the color gamut by 20 percent over comparable 3LCD models, resulting in true-to-life color and improved image and video quality. Motorized lenses and digital keystone capabilities make these projectors easy to set up and use.

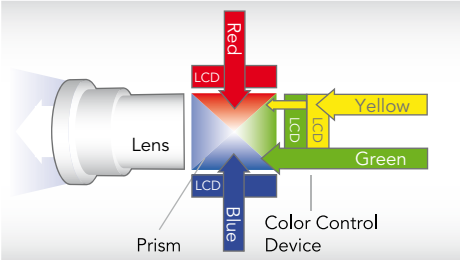
For full flexibility to meet your application's requirements, the Christie LX700 and Christie LHD700 include a variety of input capabilities and a suite of optional lenses. The Christie LHD700 is quickly and easily configurable with third-party equipment using Crestron's RoomView® and AMX Discovery Device.

Both units were designed with AutoFilter, easy lamp access, and up to 3000 hours lamp life (in eco mode) to help reduce projector downtime. Imagine the savings in both service and maintenance costs!

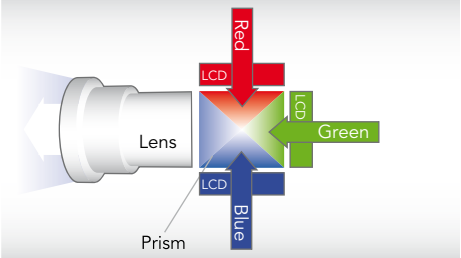
In auditoriums, boardrooms, classrooms or houses of worship, these projectors provide reliable, true-to-life color images and video to give your presentations the high impact they deserve.

CHRISTIE®

		LX700 (103-020103-01)	LHD700 (103-034108-01)
Image	brightness	• 7000 ANSI Lumens	
	contrast	• 3000:1 (full on/off)	
	uniformity	• 90% brightness uniformity (corner to corner)	
Display	type	• 3 x 1.2" inorganic LCD with 4DColor technology	
	native resolution	• XGA 1024 x 768	• Full HD 1920 x 1080
Lamp	type	• 330W	• 380W
	estimated life	• Normal mode: 2000 hrs • Eco mode: 3000 hrs	
Input	signals	• UXGA/SXGA+/SXGA/WXGA/XGA/SVGA/VGA, MAC, NTCS, PAL, SECAM, NTSC4.43, PAL-M, PAL-N • Video (480i, 480P, 720P, 1080i, 1080p, 1080psf)	
	scan rates	• Horizontal: 15-120kHz • Vertical: 38-120Hz	
Inputs, control and networking	inputs	• Input 1: DVI-D x 1 (HDCP compliant), D-Sub15 x 1	• Input 1: DVI-D x 1 (HDCP compliant), HDMI x 1 (V1.3 with Deep Color), D-Sub15 x 1
		• 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)	
	control	• Serial input: Dsub-9 x 1 • CCM-LX input connector • Serial output: Dsub-9 x 1 • R/C jack: mini jack x 1	
Optical system		• Motorized zoom, focus and lens shift • Mechanical light shutter	
Lenses[1]	fixed	• 0.8:1 (103-131106-XX)	• 0.8:1 (103-140106-XX)
	zoom	• 1.3-1.8:1 (38-809047-XX) • 1.8-2.4:1 (38-809051-XX) • 2.4-4.3:1 (38-809048-XX) • 4.3-6.0:1 (38-809068-XX)	• 1.3-1.8:1 (103-141107-XX) • 1.8-2.3:1 (103-142108-XX) • 2.3-4.2:1 (103-143109-XX) • 4.3-6.0:1 (38-809068-XX) • 5.7-9.0:1 (103-123107-XX)
	offsets	• Digital keystone: V ±30° H ±30°	• Digital keystone: V±40° H±20° and 3D Keystone™
Accessories	standard	• Quick set-up manual • Real Color Management software instruction • Lens spacer for option lenses • Light-block sheet • Mounting clamp • Lens cover strap • 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	• CCM-LX Network Module	
Power requirements	operating voltage	• AC 100-120V ±10% • AC 200-240V ±10%	
	operating current	• 5.55A (max)	• 6.0A (max)
	consumption	• 491W (Lamp normal 100-120V) • 499W (Lamp normal 200-240V)	• 500W (Lamp normal 100-120V) • 520W (Lamp normal 200-240V)
	dissipation	• 1703 BTU	• 2020 BTU
Dimensions	size	• (LxWxH): 17 x 14.5 x 7.36" (439.9 x 370.0 x 187.0mm)[3]	
	shipping size	• (LxWxH): 24.8 x 19.3 x 15.2" (630 x 492 x 388mm)	
	weight	• 25.1lbs (11.4kg)	
	shipping weight	• 35.1lbs (15.9kg)	
Noise		• Normal mode: 39dBA • Eco mode: 35dBA	• Normal mode: 42dBA • Eco mode: 38dBA
Operating environment		• Temperature: 41-104˚F (5-40˚C) • Storage temperature: 14-140˚F (-10-60˚C) • Humidity: 20-80% non-condensing • Altitude: 0-8858ft (0-2700m)	
Enhanced feature sets		• 4DColor technology • Crestron RoomView[2] • AMX Device Discovery[2] • Edge blending and color matching capable[2] • 360 degree on-axis rotation • PiP and PbP[2] • Stackable design • Native 16:9; selectable aspect ratio 4:3 and true mode[2] • Intuitive GUI • Front and rear infrared sensors for IR keypad • Auto discoloration prevention with 3D-AUCC technology • Top access to LCD panels	
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 • UL 60950-1; CAN/CSA C22.2 No. 60950-1; Directive (EC) 2002/95/EC (RoHS); Directive 2002/96/EC (WEEE); Regulation (EC) No. 1907/2006 (REACH) • Certifications marks: cULus (Canada & US), CE (EU), CCC (China), GoST-R (Russia), KC (Korea), PSE (Japan), C-Tick (Australia & New Zealand)	
Limited warranty		• Projector: three years parts and labor • Lamp: 120 days or 500 hours (whichever comes first)	



▲ 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 and also boosts the brightness performance

▲ AutoFilter cartridge reduces maintenance cost – up to 10,000 hours before replacement

[1] Ships without a lens. [2] Applies only to LHD700 model. [3] Body dimensions, without lens with feet at minimum height position.

Corporate offices

Christie Digital Systems USA, Inc
USA – Cypress
ph: 714 236 8610

Christie Digital Systems Canada Inc.
Canada – Kitchener
ph: 519 744 8005

Worldwide offices

United Kingdom
ph: +44 (0) 118 977 8000

Germany
ph: +49 2161 664540

France
ph: +33 (0) 1 41 21 44 04

Spain
ph: +34 91 633 9990

Eastern Europe and Russian Federation
ph: +36 (0) 1 47 48 100

United Arab Emirates
ph: +971 (0) 4 299 7575

India
ph: (080) 41468940

Singapore
ph: +65 6877 8737

China (Shanghai)
ph: +86 21 6278 7708

China (Beijing)
ph: +86 10 6561 0240

Japan (Tokyo)
ph: 81 3 3599 7481

Korea (Seoul)
ph: +82 2 702 1601

Independent sales consultant offices

Italy
ph: +39 (0) 2 9902 1161

South Africa
ph: +27 (0) 317 671 347

Certified System
ISO 9001
ISO 14001
Kitchener, Ontario

3 YEAR WARRANTY
CHRISTIE LCD, 1-CHIP AND 3-CHIP DLP®

Ton - Licht - Medientechnik
seit 1993

ETHA International GmbH & Co. KG
Muttertal 6-8
97857 Urspringen

Tel: 09396 / 9701-0
Fax 09396 / 9701-49
eMail: info@etha.de

CHRISTIE®