LW650

Your total package projector

The Christie LW650 fits... well, pretty much anywhere! We've packaged all the things you're looking for in a business, house of worship, or education presentation application into a compact, affordable projector and filled it with features that are important to you.

What's important? Brightness – this inorganic 3LCD packs a powerful punch with 6500 ANSI lumens, 2500:1 contrast ratio, and 10-bit image processing that can reproduce over 1.07 billion colors and display exceptional video quality. Native WXGA (1366×800) also adds a wide screen format image for full screen compatibility with many of the latest laptops and monitors.

If flexibility is what you need, the Christie LW650 is available with your choice of up to 10 optional lenses. One is surely ideal for any application you can think of. We have designed our projector with extreme lens shift capability that allows you to position the image where you need it to go despite where you place your projector. It has the ability to lens shift verticals up to 3.3 screen heights and horizontally up to 2.2 screen widths, depending on the lens you have chosen. Need more? The LW650 also features a Picture-by-Picture mode, which allows you to split the screen, so you can display multiple images, video or data at the same time.
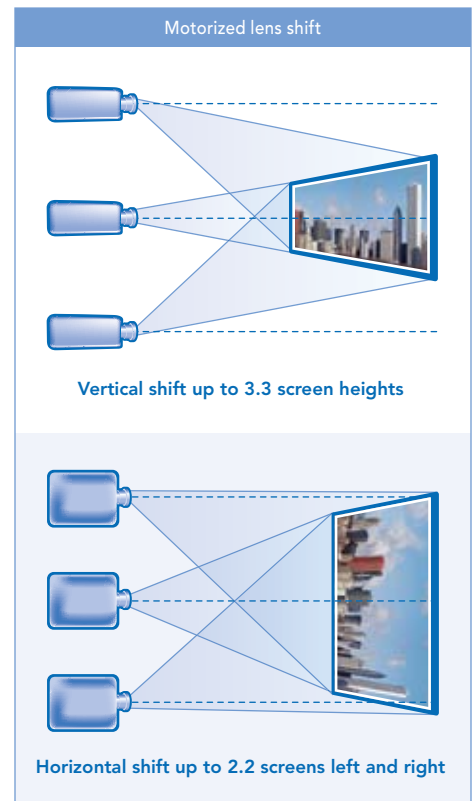
When making a choice for your boardroom, house of worship or lecture hall, you will also need it to be reliable and easy to maintain. With your Christie LW650 you get up to 10,000 hours of hassle free maintenance before you have to replace the filter, 3000 hours lamp life, and inorganic 3LCD panels for longer life, richer black levels and sharper, brighter images.

Combine all these features with renown Christie service and support, and the Christie LW650 will fit your application and exceed your expectations.

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		LW650
Image	brightness	• 6500 ANSI lumens
	contrast	• 2500:1 (full on/off)
	uniformity	• >80% brightness uniformity (corner to corner)
Display	type	• 3 x 1.22" inorganic LCDs
	native resolution	• WXGA native 1366 x 800
Lamp	type	• 350W UHB Lamp
	life	• Normal mode: 3000 hrs • Eco mode: 4000 hrs
Input	signals	• Up to UXGA*/SXGA+/SXGA/WXGA(Native)/XGA/SVGA/VGA/MAC • Video signal: 525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60); NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC 4.43
	pixel clock	• TMDS 27MHz to 150MHz
	scan rates	• Vertical: 56 to 120Hz • Horizontal: 31.5 to 106kHz
Inputs, control and networking	video input	• Composite video: RCA jack x 1, BNC x 1 • S-video: Mini-Din 4 pin x 1 • Component video: RCA jack x 3
	RGB input	• Analog RGB1: 15 pin D-Sub shrink x 2 • Analog RGB2: BNC x 5
	digital input	• HDMI x 1; DVI-D x 1
	RGB monitor input	• 15 pin D-Sub
	control	• Input: 9 Pin D-Sub x 1 for RS-232C (serial) • Output: 9 Pin D-Sub x 1 for RS-232C (serial)
	wired remote control	• Input: 3.5 stereo mini jack x 1 • Output: 3.5 stereo mini jack x 1
	network (LAN)	• RJ-45 x 1 (wired LAN)
Optical system		• Motorized zoom, focus and lens shift • Vertical lens shift up/down • Horizontal lens shift left right • Mechanical light shutter

Lenses
(ships without a lens)

Lens	Part numbers
Ultra short 0.5-0.6:1[1]	121-104106-01
Short standard 1.2-1.5:1[1]	121-105107-01
Short med 1.5-2.2:1[1]	121-106108-01
Standard 2.2-2.9:1[1]	121-107109-01
Long 2.8-5.2:1[1]	121-108100-01
Ultra long 5.0-9.2:1[1]	121-109101-01

Standard accessories		• Power cord (US, UK, Euro code) • Dsub15 pin (VGA cable) • Wireless remote control with "AA" batteries x 2 • Lens adapter • User manual
Enhanced feature sets		• Built in shutter • Security bar • Customizable start-up screen • Blackboard/Whiteboard/Date time picture modes • Aspect ratio and signal setting (16:10, 16:9, 4:3, Native, Full, Normal) • Picture-by-Picture • Color space settings (AUTO, RGB, SMPTE240, REC709, REC601) • Digital Keystone H/V • Closed Caption option (NTSC) • Remote control with frequency options • Network bridge option
Power requirements	operating voltage	• AC 110-120V ±10%, 50/60Hz • AC 200-240V ±10%, 50/60Hz
	operating current	• 6.0A max at 110V AC; 3.1A max at 220V AC
	power	• 540W
	dissipation	• 1845BTU/hr
Dimensions	size	• (LxWxH): 18.5 x 18.7 x 10.7" (469 x 476 x 272mm)[2]
	shipping dimensions	• (LxWxH): 22.9 x 22.6 x 16.8" (582 x 574 x 426mm)
	weight	• 29.1lbs (13.2kg)[2]
	shipping weight	• 41.0lbs (18.6kg)
Noise		• Normal mode: 39 dBA • Eco mode: 32 dBA
Operating environment		• Operating temperature: 41 to 95˚F (5 to 35˚C) • Storage temperature: -4 to 140˚F (-20 to 60˚C) • Humidity: 10-85% non-condensing
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 • CISPR22/EN55022 • CISPR24/EN55024 • UL 60950-1 first edition • CAN/CSA-C22.2 No 60950-1-03 first edition • IEC60950-1:2001 • 2002/95/EC RoHS
Limited warranty		• Projector: 3 years parts and labor • Lamp: 120 days or 500 hours total operation, whichever occurs first • Contact an authorized Christie representative for full details of our limited warranty

[1] Lens memory settings available. [2] Body dimensions, without lens with feet at minimum height position.

Motorized lens shift

Vertical shift up to 3.3 screen heights

Horizontal shift up to 2.2 screens left and right

▲ Position the Christie LW650 in spaces previously unable to fit certain projectors and project the image without any digital corrections.

ISO 9001 QMI REGISTERED   ISO 14001 QMI REGISTERED

For the most current specification information, please visit www.christiedigital.com

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