

# CHRISTIE KORUS SERIES 4K1000-KS / 4K1400-KS

Corporate | Hospitality & tourism | Museums | Worship | Rental & staging | Government | Theme parks & attractions | Home theater

Experience a symphony of light with up to 14,250 lumens, where color sings with brilliance, pixels echo with detail, and contrast breathes life into every frame.



## Built for brilliance

Compact and lightweight at just 38 lbs, Christie® Korus Series delivers exceptional efficiency, breathtaking contrast, and show-stopping color powered by its advanced 0.8" HEP DMD.

## The right notes at the right price

Strike the perfect chord between performance and affordability with our most accessible 4K 1DLP projectors, offering unmatched value at a price in perfect harmony with any budget.

## Tuned in to versatility

Korus Series adapts to fit your vision and space with omnidirectional flexibility, interchangeable lenses, and professional-grade features for seamless installation in the tightest spaces.

## Key features

- › **Resolution that resonates:** Discover stunning clarity and lifelike detail with a future-proof platform, ready to deliver 4K UHD+ brilliance when you are
- › **Contrast that captivates:** Set the tone with striking depth as shadows pull you in and highlights dazzle with 1,500:1 native contrast and up to 25,000:1 dynamic contrast
- › **Performance that outlasts:** Engineered for continuous operation, with up to 20,000 hours of laser life or 50,000 hours in ECO mode
- › **Lenses to fit every application:** Eight interchangeable lenses, including a Z-shaped ultra short throw lens for complete installation freedom in tight spaces
- › **A complete score:** Built-in Christie Twist™ warping and blending, optional Mystique™ camera-based alignment, and Christie Intelligent Camera compatibility



**CHRISTIE®**

Technical specifications		4K1000-KS / 4K1000A-KS (TAA)	4K1400-KS / 4K1400A-KS (TAA)
Image	brightness <sup>1</sup>	<ul style="list-style-type: none"> <li>• 8,500 ANSI lumens</li> <li>• 10,050 ISO lumens</li> </ul>	<ul style="list-style-type: none"> <li>• 12,000 ANSI lumens</li> <li>• 14,250 ISO lumens</li> </ul>
	color wheel	• 4 segment–4X speed	
	contrast (nominal)	<ul style="list-style-type: none"> <li>• 1,500:1 Full On/Off</li> <li>• 25,000:1 Dynamic contrast</li> <li>• 4,000,000:1 with Christie RealBlack™ enabled</li> </ul>	
Display technology	type	• 1 x 0.8" HEP DMD	
	resolution	• 4K UHD+ 3840 x 2400 (9,216,000 pixels) (16:10)	
Illumination	type	• High-efficiency blue laser phosphor	
	performance	<ul style="list-style-type: none"> <li>• 20,000 hours to 50% brightness at full power mode</li> <li>• 50,000 hours to 50% brightness at ECO1 mode</li> </ul>	
Signal Inputs	standard	• HDMI 2.0b x 2 (HDCP 1.4/2.2) • 12G-SDI x 1 (BNC) • Display Port x 1(1.2a) • USB 2.0 x 1 (Type A) • HDBaseT 3.0 (RJ45) x 1	
	signals	• Horizontal and vertical scaling while maintaining aspect ratio (all inputs)	
	2D	<ul style="list-style-type: none"> <li>• HDMI and DisplayPort: 3840 x 2160 up to 60 Hz, 1920 x 1080 between 24–240 Hz</li> <li>• Display Port: 3840 x 2400 up to 60 Hz, 1920 x 1200 between 24–120 Hz</li> <li>• 12G HDSDI: 3840 x 2160 up to 60 Hz, 1920 x 1080 up to 60 Hz</li> </ul>	
	3D	<ul style="list-style-type: none"> <li>• Active shuttered and passive polarized stereoscopic 3D</li> <li>• Blu-Ray: frame packing, top/bottom, side-by-side at 720p, 1080p at 24–60 Hz frame sequential up to 120 Hz (up to 60 Hz per eye)</li> <li>• Active 3D input (HDMI and DP): 1920 x 1080 up to 120 Hz (up to 60 Hz per eye), 3840 x 2160 at 60 Hz (30 Hz per eye)</li> <li>• Active 3D input (DP only): 1920 x 1200 up to 120 Hz (up to 60 Hz per eye), 3840 x 2400 at 60 Hz (30 Hz per eye)</li> <li>• Dual input 3D (2x HDMI): 1920 x 1080 up to 120 Hz (up to 60 Hz per eye), 3840 x 2160 at 60 Hz (60 Hz per eye)</li> <li>• 3D sync in (BNC)</li> <li>• 3D sync out (BNC) to emitter or active polarizer</li> </ul>	
	pixel clock	• 600 MHz	
	scan rates	• Horizontal: 15.375 kHz ~ 135.0 kHz; Vertical: 23.98 Hz ~ 120 Hz	
Signal Outputs	monitor out (loop-through)	• 12G-SDI x 1 (BNC) • HDMI x 1 (HDMI out)	
Control and networking		<ul style="list-style-type: none"> <li>• HDBaseT 3.0 (RJ45 x 1) • RJ45 x 1 (Ethernet control over wired network connection) • RS232 x 1</li> <li>• Remote in: 3.5 mm stereo female (provides serial communications and power) • DC jack 12 VDC, 200 mA max</li> </ul>	
Warping and blending	standard	• Twist™	
	optional	<ul style="list-style-type: none"> <li>• Twist Premium and Twist Pro</li> <li>• Mystique™ automated camera-based alignment</li> </ul>	
TAA-compliant		• Yes	
Lenses	mount type	<ul style="list-style-type: none"> <li>• 4 x Boresight adjustable</li> <li>• Motorized horizontal and vertical lens offset (memory available)</li> <li>• Motorized zoom and focus adjustment (memory available for full ILS lenses)</li> </ul>	
	lens options	• 0.34-0.37:1 ultra short throw lens	
	zoom/focus memory	<ul style="list-style-type: none"> <li>• 0.5-0.65:1 short zoom lens • 0.78-0.90:1 zoom lens • 0.90-1.30:1 short zoom lens • 1.25-2.0:1 zoom lens</li> <li>• 1.8-2.4:1 zoom lens • 2.4-4.8:1 zoom lens • 4.8-8.64:1 zoom lens</li> </ul>	
Accessories	standard	• IR remote with wired remote jack (wire not included) • AC line cord for projector • Product Safety Guide	
	optional	<ul style="list-style-type: none"> <li>• Christie® One Mount Plus (140-117100-XX)</li> <li>• One Mount Extender Rod (121-125109-XX)</li> </ul>	<ul style="list-style-type: none"> <li>• QwikRig Rigging Frame V2 (140-154101-XX)</li> <li>• Christie Intelligent Camera (156-155102-XX)</li> </ul>
Power requirements	operating voltage	• Normal: 100–240 VAC at 50/60 Hz	
	power consumption	• Normal: 656W • ECO1: 527W • ECO2: 380W	• Normal: 755W • ECO1: 599W • ECO2: 422W
	operating current	• 7.0 A (100–240 VAC)	• 9.0 A (100–240 VAC)
	dissipation	<ul style="list-style-type: none"> <li>• Normal: 2,237 BTU/hr • ECO1: 1,797 BTU/hr</li> <li>• ECO2: 1,296 BTU/hr</li> </ul>	<ul style="list-style-type: none"> <li>• Normal: 2,575 BTU/hr • ECO1: 2,043 BTU/hr</li> <li>• ECO2: 1,439 BTU/hr</li> </ul>
Audible noise		• Standard: 40dBA (max.) • ECO2: 38dBA (max.)	
Standby power	LAN off	• < 0.3W	
	LAN on	• < 8.0W	
Physical	size	• (LxWxH) 21.1 x 16.4 x 7.6" (535 x 416 x 194 mm) without feet	
	shipping size	• (LxWxH) 28.1 x 23.4 x 15.6" (715 x 595 x 396 mm)	
	weight	• 38 lbs (17.25 kg)	
	shipping weight	• 50.5 lbs (22.9 kg)	
Operating environment	temperature	• 32–104 F (0–40 C) (0–2,500 ft. altitude)	
	humidity	• 10–85% non-condensing	
Regulatory		<ul style="list-style-type: none"> <li>• This product conforms to all relevant European directives, standards, safety, health, and environmental concerns</li> <li>• Directives: RoHS • REACH • WEEE • Contact Christie for timing of certifications: UL/CSA/IEC 60950-1</li> <li>• FCC Class A • cTUVus • CE • FDA • CCC • KC • PSE • BIS • VCCI • RCM • Mexico • BSMI</li> </ul>	
Warranty		<ul style="list-style-type: none"> <li>• Five years parts and labor on the projector</li> <li>• Five years or 20,000 hours parts and labor on the illumination system</li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>	
Special features		<ul style="list-style-type: none"> <li>• 21:9 aspect ratio support and customize EDID</li> <li>• Fade in &amp; fade out control for shutter function</li> <li>• Supports control systems: Crestron Roomview V2 • PJLink V2 • AMX - Device Discovery</li> </ul>	

<sup>1</sup> Brightness level is +/- 5%

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

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