

DS+ Series

Boardrooms
Conference rooms
Houses of worship
Rental/staging
Tradeshows
Training rooms



Bright, detailed images and plenty of power in a compact size

The Christie DS+ Series offers exceptional image quality and detail in a choice of two compact packages for pure presentation power. The smallest, high-performance 3-chip DLP® product on the market, the Christie DS+ Series offers 6500 or 8500 ANSI lumens and the pinnacle of image color accuracy and adjustability – in an easy-to-use, flexible format.

The Christie DS+ Series features SXGA+ resolution and a variable contrast ratio of 1600-2000:1 for brilliantly crisp, detailed images. With DLP®

technology, high-quality optics and 10-bit image processing the Christie DS+ Series is ideal for applications that require big, bright displays.

Best price-performance on the market, most reliability, lowest cost of ownership, best warranties available and renowned customer service all add up to peace of mind with Christie.

The Christie DS+ Series – easy to install, easy to use, easy to maintain.

CHRISTIE®



Display technology

Featuring high-quality DLP® technology, the Christie DS+ Series has proven to be the world's favorite 3-chip, DLP® projector series. Highly reliable, low maintenance, DLP® technology delivers high brightness and uniformity, unsurpassed color and control capabilities. The 3-chip SXGA+ engines are driven by Xenon illumination and deliver superior image quality and color repeatability.

Image quality and processing

With 10-bit image processing, the Christie DS+ Series offers high bandwidth signal processing, supporting functionality such as Picture-in-Picture and seamless switching between sources.

Image blending

For added ease of blending in tiled applications, Digital Black Level Adjustment lets you match

the blended (gutter) black levels with the nonblended black levels – whether multiple projectors on a single screen, or multiple screen displays.

Serviceability

Operation and maintenance of this Series is easy as well. Field-alignable DMDs and a cleanable optical engine put full control in the hands of the user. Replacement lamp costs are low and Christie offers the best warranties on the market – 2 years parts and labor (excluding lamp).

Ease of use

A user-friendly Graphic User Interface (GUI) makes operation and set-up of the entire Christie DS+ Series uncomplicated. The GUI enables full and easy control of the projector. Multiple control options let you choose what's best for your application – built-in IR and wired remote keypad; RS-422 or RS-232 control;

or through ChristieNET™ via the Ethernet port. Motorized lens functions provide power focus, zoom, horizontal and vertical offset – all at the touch of a button. Auto set-up instinctively recognizes sources and sets up correct brightness, contrast and position.

Competitive advantages

- Smallest, high-performance 3-chip DLP® product – offers the pinnacle of image color accuracy and adjustability
- CERMAX® Xenon lamp system – provides repeatability of photo-realistic colors and ability to accurately color-match images
- True 10-bit processing – offers high-bandwidth signal processing
- High Contrast Ratio – at 1600-2000:1 via internal adjustable aperture (450:1 ANSI min)

▼ With either 1kW or 1.2kW, the Christie DS+ Series features user-replaceable, CERMAX® Xenon pre-aligned lamp modules with adjustable lamp power for lower brightness. The stable color temperature over the course of the lamp life and the power range provides the best lamp technology for color matching across multiple screens.

▼ The Christie DS+ Series features a contrast ratio of 1600-2000:1 full field (450:1 ANSI minimum). With the motorized IRIS, you can adjust for high contrast ratio and better black levels, making these projectors ideal for any given application.

▼ An optional suite of specifically-designed high performance lenses includes both fixed and zoom lenses ranging from 0.73:1 through to a 7.3:1 zoom and features a durable lens mount with motorized horizontal and vertical offset.

With built-in light shutter, internal variable contrast aperture and quick lens insertion, the Christie DS+ Series is easy to work with.



► For total projector monitoring and control the Christie DS+ Series features the widest source compatibility and has built-in Ethernet networking for full compatibility with ChristieNET™.



		DS+6K	DS+8K
Image	brightness	<ul style="list-style-type: none"> • 6500 ANSI lumens @ 200 VAC [7000 center lumens] • 5000 ANSI lumens @ 110 VAC [5500 center lumens] 	<ul style="list-style-type: none"> • 8500 ANSI lumens typical [9350 center lumens]
	contrast	<ul style="list-style-type: none"> • 1600-2000:1 full field (adjustable iris) • 450:1 ANSI minimum 	
	uniformity	<ul style="list-style-type: none"> • 90% brightness uniformity (corrected) 	
Display	type	<ul style="list-style-type: none"> • 3-chip DLP® 	
	native resolution	<ul style="list-style-type: none"> • True SXGA+ 1400 x 1050 resolution 	
Lamp	type	<ul style="list-style-type: none"> • 1.0kW CERMAX® Xenon pre-aligned lamp module 	<ul style="list-style-type: none"> • 1.2kW CERMAX® Xenon pre-aligned lamp module
	life	<ul style="list-style-type: none"> • 1500 hrs (typical) lifetime 	
Input	signals	<ul style="list-style-type: none"> • VGA through to QXGA (2048 x 1536) • Supports standard HDTV formats up to 1080p • Multi-standard video decoder • Horizontal and vertical scaling, all inputs 	
	scan rates	<ul style="list-style-type: none"> • Horizontal – 15 kHz to 120 kHz • Vertical – 23.97 Hz to 150 Hz 	
Inputs, control and networking		<ul style="list-style-type: none"> • RGBHV/YPbPr via 5 BNC • DVI-I for digital/analog RGB/YPbPr (HDCP) • One composite video, one S-video • Two optional slots for analog/digital modules • 2 RS-232 ports, 1 RS-422 port and 1 GPIO port • On-board ChristieNET™ connectivity (RJ45) • Built-in backlit keypad and IR remote control 	
Lenses	fixed	<ul style="list-style-type: none"> • 73:1, 1.2:1 	
	zoom	<ul style="list-style-type: none"> • 1.45–1.8:1, 1.8–2.5:1, 2.5–4.5:1, 4.5–7.3:1 	
Accessories	standard	<ul style="list-style-type: none"> • IR keypad (w/batteries) • Line cord • User manual 	
	optional	<ul style="list-style-type: none"> • Christie Twist™ Image Warping Module with enhanced edge-blending • Dual SD/HD-SDI, DVI, SDI and RGB interface modules • Wire remote control • Remote IR sensor • Ethernet, RS-232, RS-422 cables • Service manual • KoRE™ 10-bit librarian • Lens adapter (may be used with competitors' lenses) • Sound baffle kit • Stacking cage • Handles 	
Enhanced feature sets		<ul style="list-style-type: none"> • Auto set-up, power-up feature • Menus in five languages • On-screen help • 50 channel memories • Built-in edge-blending • Comprehensive Color Adjustment (CCA™) • Optional Christie Twist™ image warping 	
Power requirements	operating voltage	<ul style="list-style-type: none"> • 100 VAC to 240 VAC @ 50/60 Hz 	<ul style="list-style-type: none"> • 200 VAC to 240 VAC @ 50/60 Hz
	operating current	<ul style="list-style-type: none"> • 10.4 A max 	<ul style="list-style-type: none"> • 10.0 A max
	power	<ul style="list-style-type: none"> • 1100 W max @ 100 VAC • 1275 W max @ 120 VAC • 1350 W max @ >130 VAC 	<ul style="list-style-type: none"> • 1600 W max
	dissipation	<ul style="list-style-type: none"> • 3757 BTU/hr @ 100 VAC • 4354 BTU/hr @ 120 VAC • 4610 BTU/hr @ >130 VAC 	<ul style="list-style-type: none"> • 5464 BTU/hr max
Dimensions	size	<ul style="list-style-type: none"> • (LxWxH): 22.0 x 26.0 x 12.3" (566 x 660 x 313mm) 	<ul style="list-style-type: none"> • (LxWxH): 22.0 x 26.0 x 12.3" (566 x 660 x 313mm)
	weight	<ul style="list-style-type: none"> • 75lb (34.0kg) 	<ul style="list-style-type: none"> • 80lb (36.3kg)
	shipping weight	<ul style="list-style-type: none"> • 120lb (54.4kg) 	<ul style="list-style-type: none"> • 125lb (56.7kg)
Operating environment		<ul style="list-style-type: none"> • Temperature: 40 to 95° F (5 to 35° C) • Humidity: 20 - 80% non-condensing 	
Regulatory approvals		<p>This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC):</p> <ul style="list-style-type: none"> • 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		<ul style="list-style-type: none"> • 2 years parts and labor • Contact an authorized Christie representative for full details of our limited warranty 	

*At less than 130 VAC the product will turn down the ballast to compensate resulting in lower lumen output and lower power consumption.

Corporate offices

USA – Cypress
ph: 714-236-8610
Canada – Kitchener
ph: 519-744-8005

Worldwide offices

United Kingdom
ph: +44 118 977 8000
Germany
ph: +49 2161 664540
France
ph: +33 (0) 1 41 21 44 04

Hungary/Eastern Europe
ph: +36 (0) 1 47 48 100
Singapore
ph: +65 6877 8737
India
ph: +91 80 4146 8940

Shanghai
ph: +86 21 6278 7708
Beijing
ph: +86 10 6561 0240

Korea
ph: +82 2 702 1601
Japan
ph: +81 3 3599 7481



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



Copyright 2009 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Canadian manufacturing facility is ISO 9001 and 14001 certified. Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada on recycled paper. 2409 Jan 09

CHRISTIE®