Christie Spyder X80

Auditoriums
Broadcast studios
Conference rooms
Control rooms

Corporate lobbies
Houses of worship
Live events
Media centers

Post-production
Rental and staging
Sports venues

80 megapixel, true 4K@60Hz performance across multiple displays

Christie®, the undisputed leader in multi-window processing, is again setting the standard with the introduction of the all-new processor, the Christie Spyder X80.

Create spectacular experiences with unprecedented 80 megapixel processing power in true 4K@60Hz across multiple displays. As the next-generation Spyder – the tool trusted by professionals for the most demanding applications – the Christie Spyder X80 enables the creation of spectacular, never-before-seen visual experiences.

Featuring processing and connectivity capabilities that surpass anything else in the market, the Spyder X80 is the most powerful multi-screen windowing processor and content management solution available. Engineered with direct feedback from users, the Spyder X80 is built specifically for applications requiring a massive volume of pixels from source to display with the highest level of performance, flexibility and functionality possible.

CHRISTIE®

Christie Spyder X80

Technical specifications		
Inputs	number	· Up to 6 input modules each with 4 inputs · User may define the amount of modules required from 1 to 6
	signals	· Each input supports 3 connections · DisplayPort 1.2 · HDMI 2.0 · 12G-SDI
	resolutions	· Horizontal up to 4096 and vertical up to 2400 within pixel clock
	scan rates	· Up to 120Hz dependant on pixel clock rate maximum
Outputs	number	· Up to 4 output cards each with 4 outputs · User may define the amount of modules required from 1 to 4
	signals	· Each output supports 3 connections · DisplayPort 1.2 · HDMI 2.0 · 12G-SDI
	resolutions	· Horizontal up to 4096 and vertical up to 2400 within pixel clock
	scan rates	· Up to 120Hz dependant on pixel clock rate maximum
	bit depth	· Support for 8/10/12
Control and networking		· RS-232 in/out · Ethernet (10/100/1000)
Accessories	standard	· User manual (USB drive) · 4 AC power cords · Christie Spyder Studio software · Rack hardware
Enhanced features		· Independent aspect ratio and frame rate setup · Overlays · Transitions · Aspect ratio conversions · Integrated source monitoring · Output rotation (portrait) · Optional stereoscopic support · HDCP support · 2D and 3D capabilities
Power requirements (fully loaded)	operating voltage	· 90-264 VAC @ 50/60Hz
	operating current	· 14A max
	power	· 1680W
Physical	space required	· 6RU
	size	· (LxWxH): 23.54 x 17.36 x 10.28" (598 x 441 x 261mm)
	shipping size	· (LxWxH): 30.94 x 23 x 16.3" (786 x 584 x 414mm)
	weight	· 79.75lbs (36.17kg) – fully loaded
	shipping weight	· 109.1lbs (49.49kg) – fully loaded
Operating environment		· Temperature: 40-95°F (5-35°C) · Humidity: 20-80% non-condensing
Warranty		· Two years parts and labor · Contact an authorized Christie representative for full details of our limited warranty

Key features:

· 80 megapixel processing power – Unmatched processing in true 4K@60Hz performance across multiple displays

· Flexible workflows – Seamlessly manage multiple SD, HD, 4K and stereoscopic workflows simultaneously for total flexibility

· Extremely-low latency – Universal matrix switching with powerful, built-in, cross-point hardware for fast switching and maximum input/output routing capability with no additional signal latency

· Flexible and scalable I/O architecture – Customizable I/O configurations of up to 24 inputs and 16 outputs and multiple connections, including HDMI 2.0, DisplayPort 1.2 and 12G HDSDI

· Single channel 4K support on every channel – Reduces the need for additional channels and cables

· Intelligent EDID – Easy management of EDID across the entire system to ensure adaptability across multiple sources and displays

· HDCP 2.2 support – Compliance for the latest in digital copy protection

· Christie Spyder Studio client software (GUI) – From simple presets to complex frame-accurate timelines, Spyder Studio has the flexibility and functionality required for the most demanding live environments

Certified System ™
ISO 9001
ISO 14001
Kitchener, Ontario

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

CHRISTIE®

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