Christie Spyder

Broadcast
Command and control
Corporate
Entertainment
Houses of worship
Rental and staging

Choice. Control. Flexibility.
Just what every integrator wants

Want the same impressive video-processing capabilities as major show productions without the expense? Get the Christie® Spyder video processor – then get creative. The Christie Spyder has a compact design, and gives you the options, versatility and power to make it easy. Manipulate a virtually limitless variety of inputs through a single output. Stretch a single 1080i input across three or more projectors for a seamless widescreen display, or do almost anything in between, and that's just for starters.

The Christie Spyder gives you total control and flexibility, so you can mix an incredible number of sources in multiple windows, create all kinds of Picture-in-Pictures, define, shape and blend borders with remarkable ease, and do it all without a hitch, every single time. What kind of input do you have? HD, DVI, Analog RGB, SDI, HD-SDI, Analog Beta Cam – Spyder has not met a source it does not like. Name it and you're mixing, animating, manipulating and projecting it.

CHRISTIE®

Options, versatility and power to make processing easy

The power and flexibility of Christie video switchers and real-time windowing and composition products combined with the power, performance and reliability of award-winning Christie projection systems ensures that whatever you visualize, your Christie solution can display it.
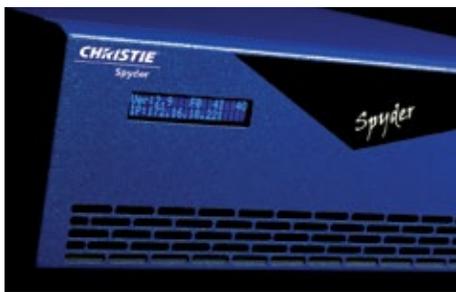

▲ Christie projectors and Spyder in perfect blend for BBC Sport's new Walk-in World Programmes such as Match of the Day, Match of the Day 2, Football Focus, Score, Inside Sport and the World Athletic Championships in Osaka are produced from this studio.

The centerpiece of the new environment is a giant, 22-meter-long curved screen where the continuous image is created by a seven-projector blend. The seven networked Christie DS+8K projectors, each fitted with a 0.67:1 HD fixed lens and a Christie Twist module, were selected to create the perfect projection backdrop.

The background composition is provided by a three-output HD-SDI feed from the 1080i client media servers. These are controlled by a Spyder using the Sourcemaster control unit. The signals are then sent from the Spyder to the projectors via a 50-meter DVI-D fiber source feed from a 10 in/10 out Spyder system in the first floor control room.

Modularity allows you to mix and match

Perhaps the best thing about the Christie Spyder system is its incredible versatility. Between the 200 and 300 Series, there are 23 different models to choose from, all of which are compatible and configurable with each other. You can create almost any size system you need, depending on your budget, and the demands of your application. Choice is the operative word – made possible through the modular design that allows you to link together the optimum number of inputs, outputs and processors.

▲ A modular system provides flexibility to customize to your application and budget.

With processing this easy, everyone will be doing it

The Christie Spyder's intuitive user interface allows you to perform even the most complex tasks with simplicity and ease. Start by building virtual pixel spaces that represent a display or multiple displays.

Mix any input anywhere on any display and create a variety of motion effects and controls using simple keyframes to plot the movement. While you're at it, create any kind of window border or drop shadow with adjustable color, width, softness, shadow offset and transparency. It's easy!

And, we haven't even mentioned Christie Spyder's wide-screen capabilities. Outputs – which can be projectors, LED walls, video walls, recording devices, operator monitors, and the like – can overlap horizontally or vertically with 10-bit edge blending and user-definable blend regions that define the words "seamless" and "awesome".

Choose your Christie Spyder

The Christie Spyder is suitable for any market – broadcast, command and control, rental and staging, entertainment, higher education, houses of worship and corporate. Whether you are a novice or a seasoned pro, there is a Christie Spyder made just for you.

Every Christie Spyder frame model has a simple code to identify its capability.
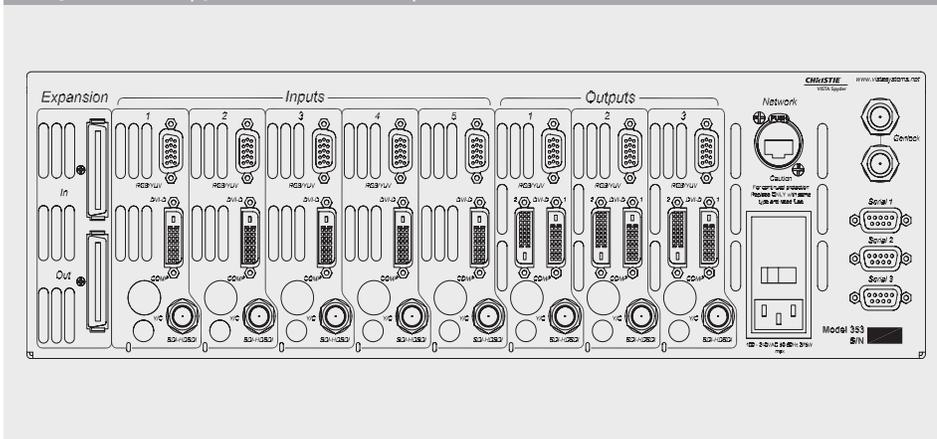
The first number defines series, 200 or w300, the second number is the number of universal inputs and the third number is the number of outputs.

		Spyder 200 Series	Spyder 300 Series
Input	standard optional	• Universal input, HD15, Dual link DVI-D, SDI, HD-SDI • Analog Composite BNC, S-video	
	signals	• Analog RGB, RGBS, RGsB, YUV, composite, component • DVI, single-link and dual-link • SDI, HD-SDI	
	pixel clock	• Analog up to 165 MHz • DVI up to 210 MHz	
	resolutions	• Up to 2048 x 1200 on analog and 2048 x 1536 on DVI-D	
	scan rates	• Up to 120Hz dependant on pixel clock rate maximum	
Output[1]	standard optional	• Universal output, HD15, Dual-link DVI-D (X2), SDI, HD-SDI • Analog Composite BNC, S-video	
	signals	• Analog RGB, RGBS, RGsB, YUV, composite, component • DVI, single-link and dual-link • SDI, HD-SDI	
	pixel clock	• Analog up to 165 MHz • DVI up to 210 MHz	
	resolutions	• Up to 2048 x 1200 on analog and 2048 x 1536 on DVI-D	
	scan rates	• Up to 120Hz dependant on pixel clock rate maximum	
Control and networking		• RS-232 in/out • Ethernet (10/100)	
Accessories	standard	• AC power cord • Control software • Rack hardware	
	optional	• Remote CPU for secure environments	
Enhanced feature sets		• Output rotation on DX4 output cards only • 2 out of 4 outputs available only with rotation	
Power requirements	operating voltage	• 115-230 VAC @ 50/60Hz, 225W	• 100-240 VAC @ 50/60Hz, 4.3A
	max current	• 3.0A @ 100 VAC	• 5.0A @ 100 VAC
	max power	• 225W	• 375W
	dissipation	• <500 BTU/hr	
Dimensions	space requirements	• 2RU	• 3RU
	size	• (LxWxH): 22.1 x 17.3 x 3.5" (561 x 439 x 89mm)	• (LxWxH): 22.1 x 17.3 x 5.3" (561 x 439 x 134mm)
	shipping size	• (LxWxH): 26.8 x 22 x 10.3" (681 x 559 x 262mm)	• LxWxH): 26.8 x 22 x 10.3" (681 x 559 x 262mm)
	volume	• 1338in³	• 2026in³
	weight	• 25lbs (11kg)	• 33lbs (15kg)
	shipping weight	• 38lbs (17kg)	• 45lbs (20kg)
Operating environment		• Temperature: 40-95°F (5-35°C) • Humidity: 20-80% non-condensing	
Regulatory approvals		• This product conforms to the following directives, regulations and regulatory approvals related to product safety, environmental requirements and electromagnetic compatibility (EMC): • Directives: (EC) 2002/95/EC (RoHS) • 2002/96/EC (WEEE) • Regulations: (EC) No. 1907/2006 (REACH) • Regulatory Approvals: CAN/CSA-C22.2 No 60065-1 • UL 60065-1 • IEC60065-1 • FCC Part 15, Subpart B Class A • EN55103-1 • EN55103-2 • EN61000-3-2 • EN61000-3-3 • Certification marks (check with Christie for latest update): cULus (Canada & US), CE (EU), CCC (China), C-Tick (Australia & New Zealand), S-Mark (Japan), KC (Korea)[1]	
Limited warranty		• One year parts and labor • Contact an authorized Christie representative for full details of our limited warranty	

Spyder 200 Series models		
Model 207	outputs	7
Model 213	inputs	1
	outputs	3
Model 222	inputs	2
	outputs	2
Model 225	inputs	2
	outputs	5
Model 231	inputs	3
	outputs	1
Model 234	inputs	3
	outputs	4
Model 240	inputs	4 expansion processor
Model 204	outputs	4 expansion processor

Spyder 300 Series models		
Model 317	inputs	1
	outputs	7
Model 326	inputs	2
	outputs	6
Model 335	inputs	3
	outputs	5
Model 344	inputs	4
	outputs	4
Model 3410	inputs	4
	outputs	10
Model 3413	inputs	4
	outputs	1 universal
	DX4 card	3
Model 353	inputs	5
	outputs	3
Model 359	inputs	5
	outputs	9
Model 362	inputs	6
	outputs	2
Model 365	inputs	6
	outputs	5
Model 368	inputs	6
	outputs	8
Model 371	inputs	7
	outputs	1
Model 374	inputs	7
	outputs	4
Model 308	outputs	8 expansion processor
Model 380	inputs	8 expansion processor

Expansion and Composite/S-video available on all models.

Using a Christie Spyder 353 as an example:

▲ Using a Christie Spyder 353 as an example: 3 – 300 series, 5 – five universal inputs, 3 – three universal outputs.

▲ Intuitive user interface enables even complex tasks to be completed with simplicity and ease.

[1] Not all models have KC certification, please check with Christie to confirm.

Corporate offices

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

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

Independent sales
consultant offices

Italy
ph: +39 (0) 2 9902 1161

Worldwide offices

Australia
ph: +61 (0) 7 3624 4888

Brazil
ph: +55 (11) 2548 4753

China (Beijing)
ph: +86 10 6561 0240

China (Shanghai)
ph: +86 21 6278 7708

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

Germany
ph: +49 2161 664540

India
ph: +91 (080) 6708 9999

Japan (Tokyo)
ph: 81 3 3599 7481

Korea (Seoul)
ph: +82 2 702 1601

Mexico
ph: +52 55 4744 1790

Republic of South Africa
ph: +27 (0)11 510 0094

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

Singapore
ph: +65 6877 8737

Spain
ph: +34 91 633 9990

United Arab Emirates
ph: +971 4 3206688

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

United States (Arizona)
ph: 602 943 5700

United States (New York)
ph: 646 779 2014

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

CHRISTIE ®