

Delivering thrills

The digital future of
giant screen experiences

Flat screens, domes and planetariums

CHRISTIE[®]



Reinvent the experience with Christie

Digital projection is changing the way we think about giant screen experiences. Advances in solid-state projection and processing technologies are allowing theaters and filmmakers to transition away from film and completely reimagine what audiences can expect when they visit a giant screen, dome or planetarium.

Bright, colorful, high-resolution and high-contrast visuals deliver an all-new level of immersive experience to audiences. The long-life, reliability, versatility and contractual freedom of digital projection solutions give owners a robust, cost-effective solution that also offers them the freedom to create and define their own, unique programming.

Leading the charge in innovation is Christie®. With a product range that includes unique, cutting-edge RGB pure laser projectors, high-performance lamp-based projectors, immersive audio systems, and all the auto alignment, processing and show control tools needed to reliably and consistently put on the best presentation possible, Christie is your first choice for your next build or theater upgrade.



Reclaim your bottom line

- › **Increase your profits:** Converting from film to digital projection results in a much lower cost of operation. Plus, with Christie, there are no long-term revenue sharing commitments and costly service contracts are a thing of the past. It all adds up to a strong return on investment and a healthier bottom line.
- › **Expand your horizons:** When you choose Christie, you gain the freedom to determine how and when to use your theater, and choose the content you show. You are free to entertain your patrons and attract new ones with the outstanding large-format, global content they crave.

Re-energize the audience

Audiences constantly seek out new and revolutionary ways to experience content. Digital projection is the platform that gives you the freedom to present material in the most impressive and engaging ways possible. Whether your theater is a flat screen, dome or planetarium, Christie® can specify a projection solution to meet your technical requirements, scale to your specific environment and fit your budget.

Go big with RGB pure laser projection

Capable of achieving unprecedented levels of brightness, Christie RGB laser projection is the ideal choice when you want to go big and bright. It's not just brightness that creates the allure - RGB laser projection is attractive for several reasons:

- › Expansive color gamut that replicates Rec. 2020 for rich, vibrant, saturated color that pops off the screen
- › Frame rates up to 120fps at 4K resolution for ultra-smooth visuals
- › Powerful, built-in image processing with Christie TruLife™ electronics
- › Unique HDR capability for unmatched depth and contrast
- › Amazingly bright 3D content without any viewing discomforts
- › Ultra-low maintenance, long-life projection system
- › Dramatically reduced consumables with no lamp changes

CHRISTIE
Real|laser™

High-performance projectors for any budget

Our lamp-based, 3DLP® projectors offer a breadth of choice and options when specifying the technology for your giant screen experience. With several models available, choosing the right projection solution that meets your needs and budget is easy.

- › Multiple resolutions up to 4K and beyond
- › Frame rates up to 120fps
- › Range of brightness levels
- › High-contrast visuals
- › Christie TruLife electronics for ultra-high resolution, high frame rate video
- › Scalable solutions for any size venue





Liberty Science Center, Jennifer Chalsty Planetarium

Powerful auto alignment, processing and show control

The display technology is just one part of an integrated solution. Christie's powerful integration tools keep your projection system performing optimally.

- › **Christie Mystique™** - Multi-projector systems are ideal for domes and planetariums due to their superior visual performance. Christie Mystique software enables you to quickly automatically align, blend and calibrate the projectors allowing you to maintain day-one quality, every day.
- › **Christie Pandoras Box** - Show control at its finest. Pandoras Box gives users complete control over the entire workflow, maximizing efficiency while unleashing creative possibilities to enable the creation of amazing visual experiences.



Science Centre Singapore Omni-Theatre

Revitalize your space



↗ Bangkok Planetarium



↗ National Naval Aviation Museum, Giant Screen Theater

Domes and planetariums

Capture your audience's imagination by immersing them in spectacular visuals, colors and contrast.

- › 2D and 3D projection systems driven by Christie® TruLife™ electronics produce ultra-high resolution, high frame rate video, and unprecedented image fidelity for a premium experience
- › Multi-channel solutions provide the highest brightness, image uniformity and the best possible dome coverage whether you're looking for partial dome coverage comparable to 15/70 film or an 8K or higher fulldome experience
- › Automated alignment, blending and calibration tools ensure consistent presentation performance, show after show
- › HDR completely revolutionizes the planetarium experience by producing astounding true-blacks, immaculate detail, and an amazing depth of field for an incredibly immersive and realistic experience
- › Take advantage of digital projection and incorporate live programming into your shows
- › Broaden your audience by showing Hollywood movies using a DCI-compliant projector in an insert window

Flat screens

Make your screen your own with a digital projection system from Christie.

- › With no content restrictions, service contracts or revenue sharing, choosing Christie gives you a giant screen solution that makes operational sense for your theater
- › Combine 4K resolution with the illumination platform and brightness level that best suits your needs and your budget
- › DCI-compliant projectors allow you to expand your programming with Hollywood content for even more choice

Revisit what's possible

Christie solutions are used in some of the world's most exciting giant screen experiences.

Venue	Christie products
Great Lakes Science Center, Cleveland Clinic DOME Theater	<ul style="list-style-type: none">› Three-projector Christie D4KLH RGB laser system› DCI-compliant projector for insert window› Christie Mystique› Christie Pandoras Box
Museum of Science & Industry, Giant Dome Theater	<ul style="list-style-type: none">› Three-projector Christie D4KLH RGB laser system› DCI-compliant projector for insert window› Christie Mystique› Christie Pandoras Box
National Naval Aviation Museum, Giant Screen Theater	<ul style="list-style-type: none">› Christie CP42LH RGB laser, DCI-compliant projection system
Liberty Science Center, Jennifer Chalsty Planetarium	<ul style="list-style-type: none">› 10 x Christie Boxer 4K30
Frost Planetarium at the Phillip and Patricia Frost Museum of Science	<ul style="list-style-type: none">› 6 x Christie Mirage 304K
Science Centre Singapore Omni-Theatre (8K fulldome)	<ul style="list-style-type: none">› 5 x Christie Mirage 304K
Bangkok Planetarium	<ul style="list-style-type: none">› 2 x Christie Boxer 4K30
Beijing's Dreams of the Great Wall 3D Dome Theater in Beijing, China (virtual flight ride)	<ul style="list-style-type: none">› 10 x Christie Boxer 4K30



Peace of mind

Count on Christie for stable and reliable technology, proven system integration and solutions expertise, commercial warranties and industry-renowned customer care and technical support.

Getting started

Contact us to start the conversation:
christiedigital.com/giantscreenexperience

↗ Great Lakes Science Center, Cleveland Clinic DOME Theater

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

Russia
ph: +7 (495) 930 8961

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 6030 0500

Colombia
ph: +57 (318) 447 3179

Eastern Europe
ph: +36 (0)1 47 48 138

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

Germany (Cologne)
ph: +49 221 99 512-0

Germany (Mönchengladbach)
ph: +49 2161 566200

India
ph: +91 (080) 6708 9999

Japan
ph: +81 3 3599 7481

Mexico
ph: +52 55 4744 1790

Republic of South Africa
ph: +27 11 251 0000

Singapore
ph: +65 6877 8737

South Korea
ph: +82 2 702 1601

Spain
ph: +34 91 633 9990

United Arab Emirates
ph: +971 (0) 4 503 6800

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

United States (Arizona)
ph: 602 943 5700

United States (New York)
ph: 646 779 2014



ISO 9001
ISO 14001

Kitchener, Ontario



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



Copyright 2018 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Christie Digital Systems Canada Inc.'s management system is registered to ISO 9001 and ISO 14001. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.
Printed in Canada on recycled paper. 4722 Sep 18

CHRISTIE®