



Recreate Reality

Bright images, memorable impact

From the leading manufacturer of purpose-built stereo CRT and DLP™ technology projectors, the Mirage 5000 redefines the way that audiences view 3D images in virtual reality, simulation and entertainment environments. Like the Mirage2000, the Mirage5000 is based on high resolution SXGA 3-chip DLP™ technology, yet delivers an astounding 5000 ANSI lumens brightness.

At the heart of the Mirage 5000 are Christie-designed electronics that provide high bandwidth, frame rates, pixel and clock speeds, resulting in the most advanced digital signal processing for all types of stereo images. This design employs dark interval adjustment (DIA™) control that enhances the overall stereo effect by fine-tuning the critical time between left and right fields. It also features primary color adjustment control (PCA™)—ensuring true color representation of all source images.

To achieve exceptionally high brightness, the Mirage 5000 utilizes a 1200 W Xenon illumination system especially designed to display large stereoscopic images. The constant brightness tracking feature, (LiteLOC™), provides the ability to automatically adjust the power to the lamp to maintain a consistent brightness level over the life of the lamp.

The Mirage 5000's DMD technology is inherently faster than LCD, and has the ability to synchronize the left and right fields required for stereo imaging without time lag, ghosting, or other artifacts—resulting in more accurate color reproduction and uniformity.

Christie Digital's own advanced optical alignment technique, known as spatial light imaging construction (SLIC™), sets a new quality standard that guarantees optimum focus and convergence accuracy. With this proprietary process, the Mirage 5000 offers advanced brightness, image clarity and depth perspective to deliver uncompromised visual experiences.


- ▶ Single Projector Active Stereoscopic Solution
- ▶ SXGA resolution
- ▶ Wide array of optional lenses
- ▶ 3 Chip DMD Optical System
- ▶ PCA™ (Primary Color Adjustment)
- ▶ LiteLOC™ Constant brightness tracking
- ▶ 5000 ANSI Lumens
- ▶ SLIC™ (spatial light imaging construction)
- ▶ DIA™(Dark interval Adjustment)

<p>Brightness</p> <ul style="list-style-type: none"> ▶ Over 5000 ANSI Lumens ▶ Over 90% brightness uniformity <p>Contrast Ratio</p> <ul style="list-style-type: none"> ▶ Greater than 450:1 full field; 250:1 ANSI <p>Resolution</p> <ul style="list-style-type: none"> ▶ 1280X1024 native panel resolution ▶ 16.7 million displayable colors ▶ Christie Digital 3 –DMD Optical System (SLIC™) <p>Horizontal Frequency</p> <ul style="list-style-type: none"> ▶ 15kHz to 120kHz <p>Vertical Frequency</p> <ul style="list-style-type: none"> ▶ 24Hz to 120Hz <p>Dot Clock</p> <ul style="list-style-type: none"> ▶ 160 MHz (maximum) 	<p>Optional Lenses</p> <ul style="list-style-type: none"> ▶ 1.2:1 Fixed Short Throw ▶ Zoom Lenses 1.5-2.2:1; 2.2-4:1; and 4-7:1 ▶ Vertical Lens Offset: Up to 130% for off-access projection ▶ Horizontal Lens Offset: Up to 75% ▶ Manually adjustable Zoom (with zoom lens), focus, vertical and horizontal lens offset. ▶ Lens mount tilt adjustment ▶ Built in Light shutter ▶ Screen size 72" to 480" diagonal image size (lens dependent) ▶ Compatible with VistaGRAPHX 0.8:1, 2.5-4:1, 4-7:1 with adapter
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<p>Inputs</p> <ul style="list-style-type: none"> ▶ Input 1 : Analog RGB 5 BNC for RGBHV, YprPb, YcbCr and YUV ▶ Input 2: Optional plug in input modules ▶ Composite sync and sync-on-green compatible ▶ HDTV Tri level sync compatible <p>Stereoscopic Source Compatibility</p> <ul style="list-style-type: none"> ▶ 1280 X 1024 @ 90Hz, 96Hz, 100Hz, 108 Hz ▶ In 3D mode, horizontal frequency: 111kHz maximum ▶ In 3D mode vertical refresh: 108Hz maximum ▶ Note: In 3D mode, inputs must be in RGB 	<p>Enhanced Feature Set</p> <ul style="list-style-type: none"> ▶ Constant Brightness tracking (800 – 1200W on lamp) (LiteLOC™) ▶ Variable Lamp Power ▶ 2 diagnostic status LEDs ▶ Intuitive onscreen display ▶ Service functions can be password protected ▶ Multiple Language support ▶ 100 channel memory
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<p>Control/Networking</p> <ul style="list-style-type: none"> ▶ Auto Power Up ▶ RS232 and RS422 communication port (9 pin D-sub terminal) ▶ IR Remote keypad ▶ Front IR receiver ▶ Optional 2-Way Controller <p>Stereoscopic Projection</p> <ul style="list-style-type: none"> ▶ Capable of displaying frame rates up to 108Hz, with one field delay, without frame dropping ▶ Primary Color Adjustment (PCA™) ▶ Dark Interval Adjustment (DIA™) <p>Lamp Specifications</p> <ul style="list-style-type: none"> ▶ 1200W CERMAX Xenon® Lamp ▶ Color Temperature range 3200 to 9300K ▶ Over 1000 hours of lamp life ▶ User replaceable lamp 	<p>Power Requirements</p> <ul style="list-style-type: none"> ▶ Voltage Range: AC 220-240V ± 10% ▶ Line frequency: 50Hz – 60Hz nominal ▶ Power Consumption: 1700W (maximum) ▶ In rush current rating: 60A (maximum) ▶ Current Rating: 8.5 Amps (maximum at 200VAC) ▶ Thermal Dissipation: 5150 BTU/hour <p>Environmental</p> <ul style="list-style-type: none"> ▶ Operating Temperature: 0-35°C ▶ Operating Humidity: 20-80% non-condensing
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<p>Size and Weight</p> <ul style="list-style-type: none"> ▶ 92 lbs. (41.8 kg) ▶ 22.3"W X 30.2" L X 11.9" H (56.6 cm X 76.7cm X 30.2cm) <p>Standard Accessories</p> <ul style="list-style-type: none"> ▶ IR Wireless Remote (with 2AA batteries) ▶ 8' line cord ▶ User manual with Warranty Card. 	<p>Optional Accessories</p> <ul style="list-style-type: none"> ▶ Wired Two-way Remote Controller (RS 422) ▶ Remote IR sensor ▶ Replacement lamp module ▶ Multi-standard video decoder ▶ DVI/DFP module ▶ Digital HDTV module ▶ Marquee/Vista compatible analog input modules ▶ Marquee compatible signal switcher and selected 3rd party switchers ▶ Service manual ▶ Librarian communication software
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<p>Regulatory Approvals</p> <ul style="list-style-type: none"> ▶ Safety: CSA C22.2 No.950, UL 1950, EN60950 European Norm "Safety of Information Technology Equipment" ▶ Complies with relevant world-wide EMC and safety standards ▶ The product complies with FCC Class A and EN55022 Class A requirements ▶ This product conforms to all relevant European directives, standards, safety, health and environmental concerns and bears the CE marking. 	<p>Warranty</p> <ul style="list-style-type: none"> ▶ 1 year parts and labor 	
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Due to constant research, specifications are subject to change without notice



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