



# Jokine3D

## SINGLE BEAM



# JOKINE3D SINGLE BEAM



Experience the Amazing



Optimized High Tech Precision 3D technology.



Guaranteed product durability and exquisite quality, with performance that lasts for more than a decade.



The Only Indian 3DCinema Brand.



Truly an Indian Brand, Jokine3D is renowned Internationally.



After successfully passing rigorous tests in 2017, Jokine3D was awarded the prestigious approved status by Hollywood major Walt Disney, U.S.A.



Top reliability with 99.99% uninterrupted performance over a decade



Only Jokine3D System offers 5 Years of complete Warranty.



Presenting the new 6th Generation model



Featuring a superior polarization filter mirror for high transmission with unique light technology.



Jokine3D delivers exceptional brightness and crisp clarity, offering unmatched value.



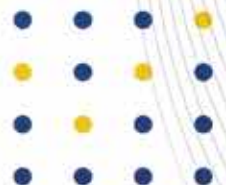
# JOKINE3D SINGLE BEAM

**“JOKINE3D” is one of the Largest and the most renowned manufacturer for Cinema Equipment’s from India.**



**Jokine3D** is also one of the Biggest Exporters for Cinema Equipment's from India to the world, mainly to the far east Asia, Europe, and the Middle East Countries. Established in the year 2010 and duly registered as a Brand since 2014,

“Jokine3D” is now a well renowned International Brand mainly involved into manufacturing of Cinema related Equipment's viz: Active 3D System, Passive 3D System, Active 3D Glasses, Passive 3D Glasses, Home Cinema Systems, Smart Glasses, Smart LCD Panels and Displays.





# APPROVAL CERTIFICATIONS

**"JOKINE3D" Digital Cinema is approved by the majestic "Hollywood Walt Disney" and is thus DCI Complaint.**

We feel delighted to update the entire Cinema industry that your most appreciated product "JOKINE3D" has successfully passed the internal test review by the Hollywood Supreme "The Walt Disney" and has been included in the Disney approved list from the year 2017.

Thus, JOKINE3D brand is now among the few best ones evaluated with "Walt Disney's" digital 3Dcinema approved product list.

The magnetism of JOKINE3D is remarkable and JOKINE3D believes that there will be more opportunities and glory in the cinema industry with the brand being established as one of the favourites among the 3D fraternity.

## **Research and Development:**

With its strong and enabled research and development team backed by solid fundamentals and the spirit of the deep-rooted mindset to change the future into a better world. The expertise team of "Jokine3D" is poised to bring in the new generation products to enhance the industry experience and its standards.



## **Vision**

Harnessing the futuristic technology integration into business stream and focusing into development of newly enabled AI products to enhance the entire Cinema Industry to attain its top-class notch. The Owners continuously strive with the goal to endeavour with bringing in the new and innovative products into the market.



# ADVANTAGES OF BUYING JOKINE3D SYSTEM

Stunning  
Pop-Out Effects,

01

High reliability  
With a working lifespan  
of over 10 years

02

(U.S.A)  
Hollywood Walt Disney  
Tested & Approved\*

03

The Only Indian  
3DCinema Brand.

04

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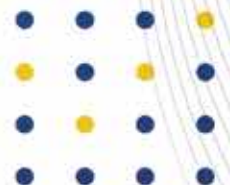
Precision Crisp 3D Effects  
with high Brightness

06

Complete  
5 Years of Warranty

05

Excellent  
In-Depth Effects



# LEADING FEATURES OF JOKINE3D :



## HIGH BRIGHTNESS & FIDELITY:

Delivers high brightness, minimal ghosting, and vibrant, true-to-life colors.



## WIDE COMPATIBILITY:

Fully supports all DLP projectors and DCI-compliant digital cinema servers.



## PROVEN COMPATIBILITY:

Successfully passed compatibility tests with all mainstream DLP projectors and digital cinema servers, ensuring seamless performance across devices.



## HIGH FRAME RATE (HFR) SUPPORT:

Capable of handling a maximum refresh rate of up to 600Hz for smoother, more immersive visuals.



## FULLY AUTOMATIC OPERATION:

Features a well-engineered mechanical design for effortless switching between 2D and 3D movies.



## COST-EFFECTIVE SOLUTION:

Uses passive polarization 3D glasses, which are affordable, durable, and easy to maintain.



## DIVERSE 3D GLASSES OPTIONS:

Offers a variety of 3D glasses styles, including options for children, clip-on designs for Spectacle users, and easy to use paper 3D glasses, catering to diverse viewer needs.



## DUAL MAIN BOARD DESIGN:

Ensures high reliability with a meantime between failures (MTBF) of up to 20,000 hours.

*The recognition from the market notifies that JOKINE3D Polarized passive System is the only product that provides both high performance with reliability.*

# JOKINE3D KEY FEATURES:

## Full HD Resolution

Active 3D technology ensures each eye receives full HD images, offering unmatched clarity and sharpness compared to any other single beam systems.



**SUPERIOR IMAGE QUALITY**



**WIDER VIEWING ANGLES**



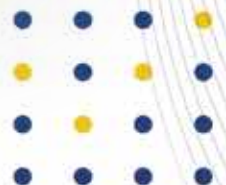
**BROAD COMPATIBILITY**



**EASY INSTALLATION AND SCREEN SHIFT FEATURE**



**LONG LIFE DURABILITY AND WORKING**





# SALIENT FEATURES



## 14 YEARS OF DEDICATED SERVICE AND PRODUCT RELIABILITY.

Jokine3D has been delivering reliable service and high-quality performance since 2010, with over 1,945 installations worldwide. Valued customers consistently praise its exceptional effects and reliability.

## TOP PERFORMANCE WITH HIGH RELIABILITY

JOKINE3D Polarized 3D System is the only product that provides both high performance and reliability, which is a must in the Cinema Industry.



## ADVANCED DOUBLE-BEAM TECHNOLOGY:



JOKINE3D Big Tripple Beam Passive System, uses polarization filter mirror with high transmission and unique light technology. It delivers excellent brightness while requiring only a single projector, achieving a remarkable light transmittance of up to 69%, the highest in its class.

## 3D OPTIMIZATION

JOKINE3D\* FILTER automatic image calibration and optimization technology with image segmentation and seamless splicing realizes lowest ghost and highest image resolution for an exceptional viewing experience.





# SINGLE BEAM 3D SYSTEM OVERVIEW

## INDIA'S PIONEER 3D BRAND



JOKINE3D Passive system is the 1st and the Only Indian Brand.

Jokine3D high tech precision technology is one of the finest. Using only high-quality spares and components assures longtime reliability, while delivering stunning theatrical Pop out and excellent in-Depth effects to its viewers.

## SYSTEM COMPONENTS

Includes a 3D control polarizer modulator control unit, a 3D optical filter glass polarizer with advanced inter-change liquid crystal polarizing technology, Superior Technology RadiancePrism\* inside for high Brightness and Crisp Clarity. A fully automatic motorized 2D / 3D converter, wire connectors and all necessary mountings and fittings.



## EFFICIENT AND COST-EFFECTIVE DESIGN:

Operates seamlessly with single DLP digital 3Dcinema projector, with light and affordable polarized passive 3D glasses, which ensures vivid and immersive 3D visuals.



## SUPERIOR POLARIZATION TECHNOLOGY

Jokine3D's Superior polarization filter mirror with high transmission and unique light technology. which ensures maximum transfer of projector brightness on to the screen, with crisp clarity for you to experience a true JOKINE3D digital cinema experience.



# HOW IT WORKS?

The Jokine3D optical glass polarizer is mounted in front of the projector lens and connected to a DCI-compliant digital 2K projector. When a 3D movie plays, the control box manages the optical filter, alternating polarization directions to produce left and right images on a high gain 3D white or silver screen. Viewers wearing polarized passive 3D glasses experience vibrant, lifelike motion pictures with stunning clarity in 3D.

## INNOVATIVE FEATURES

### FASTEST POLARIZATION SWITCH:



Newly patented technology makes JOKINE3D System one of the world's fastest polarization switch for 3D digital cinema. With a powered, symmetrical 50 microseconds switching time between the eyes, Polarized 3D System easily ensures brightness, low-crosstalk operation even at 3D HFR (high frame rate) targets of 24 FPS, 48 FPS.

### EXCEPTIONAL 3D EXPERIENCE

Paired with a high-gain 3D White or silver screen and digital cinema projectors up to 35K lumens, the Jokine3D Polarized Passive System delivers spectacular 3D visuals on screens up to 37 meters wide, using inexpensive passive circular polarized 3D glasses.



### INDUSTRY RECOGNITION :

After rigorous testing in 2017, Jokine3D earned the prestigious "Approved" status from Hollywood's Walt Disney U.S.A., cementing its reputation for quality and innovation.



# JOKINE3D DOUBLE BEAM - SPECIFICATION

<b>MODEL:</b>	<b>JOKINE3D DOUBLE BEAM</b>
Applied Projector	DLP Projector, DCI Projector
Applied Server	Digital Cinema Server Certified by DCI
Applied Screen	Silver Screen 86 ft width
Screen Gain	Reflective Screen / Silver Screen with Gain 1.8 to 4.4
Storage Temperature	-10 to 60°Cent
Working Temperature	0-50° Cent
Image Conversion Machine	Size; 250 x 240 x 125 mm
3D Model Color	Black

## MODEL:

<b>POLARIZED TYPE:</b>	<b>CIRCULAR POLARIZED</b>
Work Frequency	96-600Hz support the mainstream 24frame, 48frame and also 60frame rate movies
Optical Light Transmittance:	64 % (-, + 1%)
High Light Efficiency Factor (LEF):	19 % (-, + 1%)
Maximum Lamp Power:	35000 Lumens
HRF	Up to 240Hz
Projector Lens:	The Diameter <150mm
Projection Throw Ratio:	>1.0
Dark Time:	450 us
Delay Time:	0 us
Stereoscopic Contrast:	150:1
Polarization Degree:	Real D
High Contrast	150:1
Ghost (Cross Talk):	<0.50%

**\*Light Transmittance 46%**

**\*High Light Efficiency value 19%**

# REQUIREMENT

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## ***INSTALLATION REQUIREMENTS***

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- Projection Lens to Jokine3D Lens Distance: 5-15mm
- 3D High Gain Screen works with 3D White screen / 3D Silver screen.
- Projection Window Glass: USE OPTICAL GLASS ONLY WITH HIGH TRANSMISSION  
(Do not use toughened glass or polarizing glass)
- Projection Window: > Min ;300X300mm
- Distance between Projector Lens to Wall / Projection Window: Min 500mm

## ***WORKING ENVIRONMENT:***

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- Operating Temperature: +10°C to 50°C
- Storage Temperature: -5°C to +50°C
- Relative Humidity: 20% to 50%

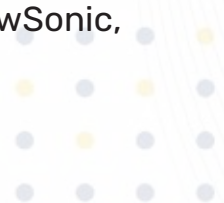
## ***WORKING PARAMETERS:***

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- Power Input: 100-240VAC50/60Hz
- Power Output: DC24V, 2.5A
- Projector with SYNC Signal Output: GPIO (37Pin) or 3D Interface(15Pin)

## ***PROJECTOR COMPATIBILITY:***

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- Works with all 3D Enabled Projectors like Christie, Barco, NEC also other 3D Enabled Projectors, DCI Approved.
  - Also works with non-DCI DLP 3D enabled Projectors like Epson, ViewSonic, Benq, Optoma etc.
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# SUPPORT

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Over the past 14 years, with more than 1,945 installations worldwide, Jokine3D systems have demonstrated remarkable reliability, with only 0.1% of reported malfunctions. This remarkable performance reflects the exceptional quality standards we maintain at all times.

While our system is highly reliable, however, as with any electronic or automated device, occasional assistance may be required. Before contacting us for support, we kindly request that you ensure the following steps before reaching out to us.

1. Verify that the power adapter plug is connected properly according to the installation guidelines.

2. Ensure that the power switch is turned on and functioning correctly.

- 3. First Check:**

Ensure the LED on the power adaptor glows bright red or green. This indicates that electricity is reaching the adaptor, and it is functioning properly. If the LED is not glowing, recheck Steps 1 and 2.

4. Verify that power is being supplied to the modulator control unit and that the modulator unit is switched on as per the installation instructions.

- 5. Second Check:**

Ensure the Power LED on the modulator unit glows bright red. This confirms that the wires and power supply to the modulator unit are functioning correctly. If the LED does not glow, recheck Step 3.

6. Connect the wires from the modulator control unit to the projector, second to the 3D filter polarizer and third to the Automatic Motor Shaft according to the installation guidelines.

# SUPPORT

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## 7. Third Check:

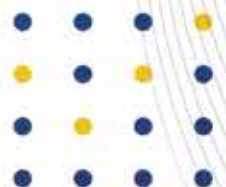
Ensure the Sync LED on the modulator unit glows Yellow. This confirms that power and functionality are intact up to the polarizer filter and the automatic motor shaft. If the LED does not glow, review Step 6 and ensure proper connections as per installation instructions.

8. If the automatic shaft fails to perform during installation, there may be an issue with the channel or projector settings. Configure these settings correctly.

Once the system begins functioning automatically, it can be considered that the system installation has been done properly and now your Jokine3D system is configured with the projector.

9. If the system is correctly configured and functioning automatically but the 3D images appear unclear (e.g., double or ghost images), locate the small switch labeled "L/R" on the modulator unit. Toggle this switch to adjust the settings and achieve clear, stunning, and exclusive 3D effects. This will ensure compatibility with your passive Jokine 3D glasses.

10. If all three checks are functional but there is still an issue, it could be with the 3D optical filter polarizer, and / or the 3D modulator unit, and / or the automatic motor shaft and / or the connecting wires. Since your system is under a complete 5-year warranty, simply contact us, and we will address the issue promptly.



# JOKINE3D PASSIVE SYSTEM (DOUBLE BEAM)

## **JOKINE3D: The Leader in Passive 3D Technology**

JOKINE3D delivers all three premier passive 3D effects: In-depth, Onscreen, and Pop-out, providing an unparalleled viewing experience for cinema audiences.

The latest JOKINE3D system represents the 6th generation of cutting-edge technology. Designed for ease of use and portability, it offers effortless installation by even an amateur apprentice in just 20 minutes. The system's versatility allows it to be relocated to an adjacent 3D screen within minutes, enabling seamless transitions for playing additional 3D movies. With only two connecting wires, it integrates with your digital DCI projector in less than a minute, ensuring a hassle-free setup and configuration.

We take pride in offering numerous client references for assessing our product quality, along with opportunities for onsite visual demonstration

## **Unmatched Pop-out Effects**

The Jokine3D Pop-out Effect creates a stunning visual impact, projecting imagery beyond the screen and immersing the audience like never before. This standout feature is a rarity among other 3D systems currently available in the market.

## **A Benchmark in High Brightness with Quality Effects**

JOKINE3D stands out as a leader in its category, unmatched in brightness and pop-out effects. No other passive 3D brand offers the same level of performance, making JOKINE3D the ultimate choice for theatres prioritizing high-quality 3D visuals.

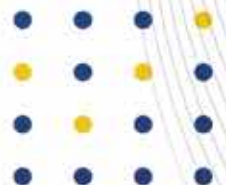
# JOKINE3D PASSIVE SYSTEM (DOUBLE BEAM)

## Exclusive Warranty:

The Jokine3D Passive System comes with a **5-year Exclusive Warranty\*** covering all its components and spares.

JOKINE3D is the only brand to offer such a comprehensive 5-year warranty. As a quality-focused, India based brand, we continuously strive for perfection and reliability, delivering exceptional care and warranty protection for all our customers.

The **JOKINE3D** spares and assemblies are manufactured with precision to the highest quality standards. This unmatched quality enables us to confidently provide an exclusive 5-year warranty, setting a new benchmark as a world-class product proudly carrying the "Made in India" tag. With our extensive global service network, Jokine3D ensures prompt assistance, often within few hours.





JOKINE3D SINGLE BEAM

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AIE Trade Pvt Ltd.,

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