

## iSinbox JY821

# iSinbox JY821 Smart Projector Instruction Manual

Model: JY821

## 1. INTRODUCTION

The iSinbox JY821 Smart Projector is designed to provide a comprehensive entertainment experience. It features 4K decoding, 2500 ANSI lumens brightness, Dolby Audio, and a liquid cooling system. This manual provides instructions for setting up, operating, and maintaining your projector.

## 2. WHAT'S IN THE BOX

- Power Cord
- HDMI Cable
- AV Cable
- Remote Control
- User Manual

## 3. PRODUCT OVERVIEW

The iSinbox JY821 projector integrates advanced features for optimal performance and user convenience.

### 3.1 Key Features

- **Display:** Native 1080P resolution with full 4K decoding support, 2500 ANSI Lumens, 25,000:1 contrast ratio, HDR10+, and 120% NTSC color coverage.
- **Audio:** Integrated 36W speakers with Dolby Audio Plus technology for immersive sound.
- **Smart System:** Linux operating system with built-in licensed apps (Netflix, Prime Video, YouTube, Disney+, Apple TV).
- **Connectivity:** Ultra-fast WiFi 6 and Dual-Mode Bluetooth 5.3. Includes 2 HDMI ports, 2 USB ports, and 1 LAN Port.
- **Intelligent Adjustments:** AI Movin System with Auto Focus, Auto Keystone Correction, Auto Screen Detection, and Obstacle Avoidance.

- **Durability:** Fully sealed optical engine and liquid cooling system for enhanced dust protection and efficient heat dissipation.



Figure 1: Front view of the iSinbox JY821 Smart Projector.

# Full 4K Decoding

Illuminates Exquisite Details

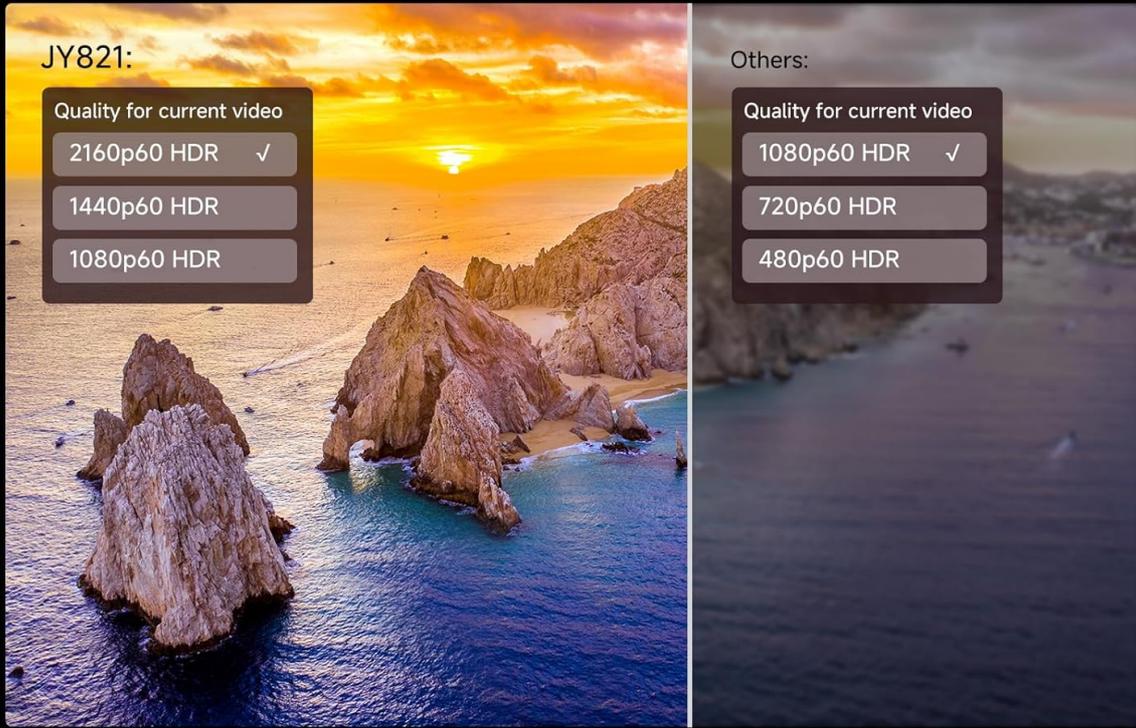


Figure 2: Rear view showing connectivity ports (HDMI, USB, LAN).

# 36W Immersive Stereo Sound

Tune Your Atmosphere



Figure 3: Internal view illustrating the 36W immersive stereo sound system.



Figure 4: Visual representation of the projector's Dolby Audio and 36W speaker system.

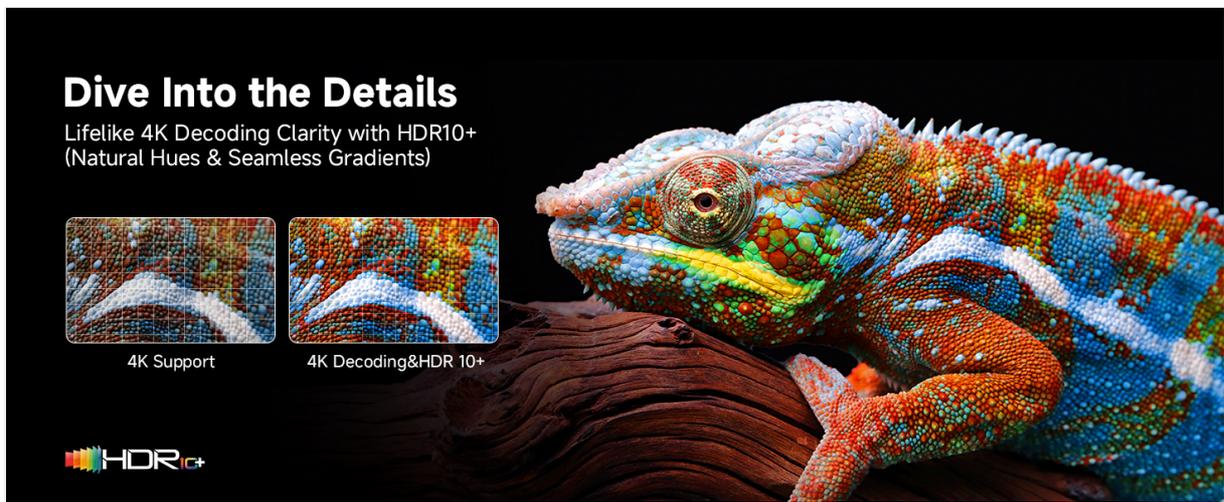


Figure 5: Depiction of the projector's 4K decoding capability and 2500 ANSI lumens brightness.



Figure 6: Illustration of the automatic focus and 6D keystone correction features.



Figure 7: Diagram showing the fully sealed optical engine for dust defense.



Figure 8: Visual of the liquid thermal cooling system for efficient heat management.



Figure 9: Illustration of the projector's WiFi 6 and Bluetooth 5.3 capabilities.

## 4. SETUP INSTRUCTIONS

### 4.1 Initial Placement

Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the device. The projector supports flexible installation options including ceiling mount, desktop, or wall mount (M4x3.88mm screw holes are available).

### 4.2 Power Connection

1. Connect the power cord to the projector's power input.
2. Plug the other end of the power cord into a suitable electrical outlet.

### 4.3 Connecting Devices

The projector is fully compatible with various devices. Use the appropriate cables for connection:

- **HDMI Ports (x2):** For connecting devices like Fire TV Stick, Roku, laptops, and PS5.
- **USB Ports (x2):** For connecting USB drives or other USB accessories.
- **LAN Port (x1):** For wired internet connection.
- **AV Cable:** For connecting older audio/video equipment.

## 4.4 Network Connection

The projector supports both wired and wireless network connections.

- **Wi-Fi 6:** Navigate to the network settings on the projector, select your Wi-Fi network, and enter the password.
- **LAN:** Connect an Ethernet cable from your router to the projector's LAN port.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

Press the power button on the projector or the remote control to turn the device on or off.

### 5.2 AI Movin System (Automatic Adjustments)

The projector features an AI Movin System for automatic image adjustments:

- **Auto Focus:** The projector automatically adjusts the image clarity.
- **Auto Keystone Correction:** Corrects distorted images for a rectangular display.
- **Auto Screen Detection:** Identifies the projection surface.
- **Obstacle Avoidance:** Adjusts the image to avoid obstacles on the projection surface.

These features activate automatically upon startup or when the projector is moved.

# Projector Revolution

First Liquid Cooling Technology



Figure 10: The AI Auto Screen Setting in action, showing automatic focus and keystone correction.

## 5.3 Using Built-in Apps

The projector runs on a Linux operating system with pre-installed streaming applications. Use the remote control to navigate the home screen and select apps like Netflix, Prime Video, YouTube, Disney+, and Apple TV. A Netflix streaming membership is required for Netflix content.

# 2nd-Gen True Smart Netflix Streaming

Netflix streaming membership required



Figure 11: Projector displaying the home screen with various streaming applications.

## 5.4 Bluetooth Connectivity

The projector supports Dual-Mode Bluetooth 5.3 for audio input and output.

- **Bluetooth Speaker Mode:** Use the projector as a Bluetooth speaker by pairing your mobile device.
- **External Audio Devices:** Connect external Bluetooth speakers or headphones for enhanced audio.

## 5.5 Screen Mirroring

Seamlessly mirror content from your Android or iOS device to the projector without delay. Refer to your device's screen mirroring instructions for specific steps.

## 5.6 Zoom Function

Adjust the image size from 50% to 100% using the zoom flexibility feature, allowing for easy placement and multi-angle projection.

## 6. MAINTENANCE

### 6.1 Dust Protection

The projector features a fully sealed optical engine to minimize dust buildup. Regularly wipe the exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

## 6.2 Cooling System

The liquid cooling system automatically adjusts fan speed and coolant for optimal temperature. Ensure ventilation vents are not blocked to maintain efficient cooling and prolong the projector's lifespan.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected, incorrect input source, device not powered on.	Check power connections, select correct input source (HDMI 1/2, AV), ensure connected device is on.
Blurred image	Out of focus, projector moved.	The AI Movin System should auto-focus. If not, check for obstructions or manually adjust focus if available in settings.
Distorted image (trapezoid shape)	Incorrect projection angle.	The AI Movin System should auto-correct keystone. Ensure the projector is placed as squarely as possible to the screen.
No sound	Volume too low, external audio device not connected/paired, incorrect audio output selected.	Increase volume, check Bluetooth connection for external speakers, ensure internal speakers are selected if no external audio is desired.
Cannot connect to Wi-Fi	Incorrect password, out of range, network issue.	Verify Wi-Fi password, move projector closer to router, try a wired LAN connection.

## 8. SPECIFICATIONS

Feature	Detail
Brand	iSinbox
Model Number	JY821
Item Weight	4.97 pounds
Product Dimensions	7.7 x 8.6 x 5.5 inches
Color	Gunmetal
Display Resolution	1920 x 1080 (Native 1080P, supports 4K decoding)
Brightness	2500 ANSI Lumens
Contrast Ratio	25,000:1

Feature	Detail
Connectivity Technology	Bluetooth 5.3, HDMI, Wi-Fi 6, Wireless
Special Features	3D Dolby Audio & 36W Speakers, 4K Projector with Movin Smart Operating System, AI Image Enhance & Eye Protect Mode, Auto Focus and 6D Keystone Correction, Bi-directional Bluetooth 5.3, Ultra-fast Wi-Fi 6, Handheld Compact Design, Compatible with Netflix / Prime Video / YouTube / Disney+ / Apple TV
Recommended Uses	Business, Education, Gaming, Indoor/Outdoor

## 9. WARRANTY AND SUPPORT

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iSinbox offers lifetime technical support for the JY821 Smart Projector. For any questions or assistance, please contact customer service at [service-us@isinbox.com](mailto:service-us@isinbox.com).

The product is subject to a 30-day return policy for refund or replacement.

## 10. OFFICIAL PRODUCT VIDEO

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Your browser does not support the video tag.

Video 1: Overview of the iSinbox JY821 Smart Projector's features and capabilities, including auto-focus, built-in apps, and Dolby Audio. Provided by iSinbox Direct US.