iSinbox YG381

iSinbox YG381 4K Outdoor Projector User Manual

Model: YG381

		Package Contents	Product Overview		
Introduction	Safety Information			Setup	Operation
	Maintenance	Troubleshooting	Specifications	Warranty & Support	

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your iSinbox YG381 4K Outdoor Projector. Please read this manual thoroughly before using the product to ensure proper function and to extend its lifespan. Keep this manual for future reference.

Image 1.1: The iSinbox YG381 Projector on its adjustable stand.

2. IMPORTANT SAFETY INFORMATION

To reduce the risk of electric shock, fire, or injury, always observe the following safety precautions:

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not expose the projector to rain or moisture. Avoid placing liquids near the unit.
- Use only the power cord supplied with the projector.
- Do not attempt to open or service the projector yourself. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the projector lens when the lamp is on.
- Place the projector on a stable, level surface to prevent it from falling.
- Unplug the projector from the power outlet during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- iSinbox YG381 Projector
- Power Cord
- Remote Control (AAA batteries not included)

- User Manual

4. Product Overview

4.1 Front View

Image 4.1: Front view of the projector, highlighting the projection lens and various sensors for auto-adjustment features.

- **Projection Lens:** Emits the image.
- **Auto-Focus Sensor:** Detects distance for automatic focus adjustment.
- **AI Sensors:** Used for auto keystone, obstacle avoidance, and screen alignment.

4.2 Rear and Side Views (Ports)

The projector features various ports for connectivity:

- **HDMI Port:** For connecting external devices like gaming consoles, laptops, or streaming sticks.
- **USB Ports:** For media playback from USB drives or connecting peripherals.
- **Audio Out:** For connecting external audio systems.
- **Power Input:** For connecting the power adapter.

5. Setup

5.1 Placement

Position the projector on a stable surface. The YG381 features AI Auto Magic+ for automatic image adjustments, detecting front, rear, or ceiling placement and adjusting the image within 3 seconds. It also includes smart obstacle avoidance and screen alignment.

Image 5.1: The projector automatically adjusting focus, keystone, avoiding obstacles, and aligning the screen.

The adjustable stand allows for flexible projection angles, including ceiling projection. Digital zoom (50-100%) enables screen resizing without moving the projector.

Image 5.2: The portable design allows for easy setup in various environments, such as outdoor movie nights.

5.2 Power Connection

Connect the supplied power cord to the projector's power input port, then plug the other end into a suitable electrical outlet.

5.3 Initial Power On

Press the power button on the projector or the remote control to turn on the device. Follow the on-screen prompts for initial setup, including language selection and network configuration.

5.4 Network Connection (Wi-Fi)

To access online streaming services and updates, connect the projector to your Wi-Fi network:

1. Navigate to the "Settings" menu on the home screen.
2. Select "Network" or "Wi-Fi Settings".
3. Choose your desired Wi-Fi network from the list.

4. Enter the Wi-Fi password using the on-screen keyboard and confirm.

Image 5.3: The projector supports Wi-Fi 6 for stable and fast streaming, ideal for gaming and high-resolution content.

5.5 Bluetooth Pairing

The projector supports Bluetooth 5.3 for connecting external audio devices or using the projector as a Bluetooth speaker:

1. Go to "Settings" and select "Bluetooth".

2. Enable Bluetooth and search for available devices.

3. Select your Bluetooth speaker or headphones from the list to pair.

Image 5.4: The projector can connect to various Bluetooth audio devices, or function as a standalone Bluetooth speaker.

6. OPERATION

6.1 Navigating the Movin 2.0 Smart OS

The projector runs on the Movin 2.0 operating system. Use the remote control to navigate through menus, select applications, and adjust settings. The interface is designed for intuitive use, similar to a smart TV.

VS	Upgrade Version	Original version	Others
Resolution	4K support 2.0	4K support 1.0	1080P Native
Chip	MTK 9660	MTK 9266	Unbranded
System	AI Movin 2.0	AI Movin 1.0	✕
Disney+	✓	✕	✕
HDR	HDR 10+	HDR 10	✕
Focus	AI Auto	Eletric	Manual
Keystone	6D Auto	Eletric	Manual
Detachable Gimbal	✓	✕	✕
Dolby	Audio	✓	✕
DTS	✓	✕	✕
HDMI CEC	✓	✓	✕
AI PQ	✓	✓	✕

Image 6.1: The Movin 2.0 Smart OS offers enhanced fluidity, reliability, and intelligence compared to previous versions and other chips.

6.2 Using Built-in Applications

The projector comes with pre-installed applications such as Prime Video, YouTube, Disney+, TikTok, and Apple TV. Select the desired app from the home screen to begin streaming content. Ensure a stable internet connection for optimal performance.
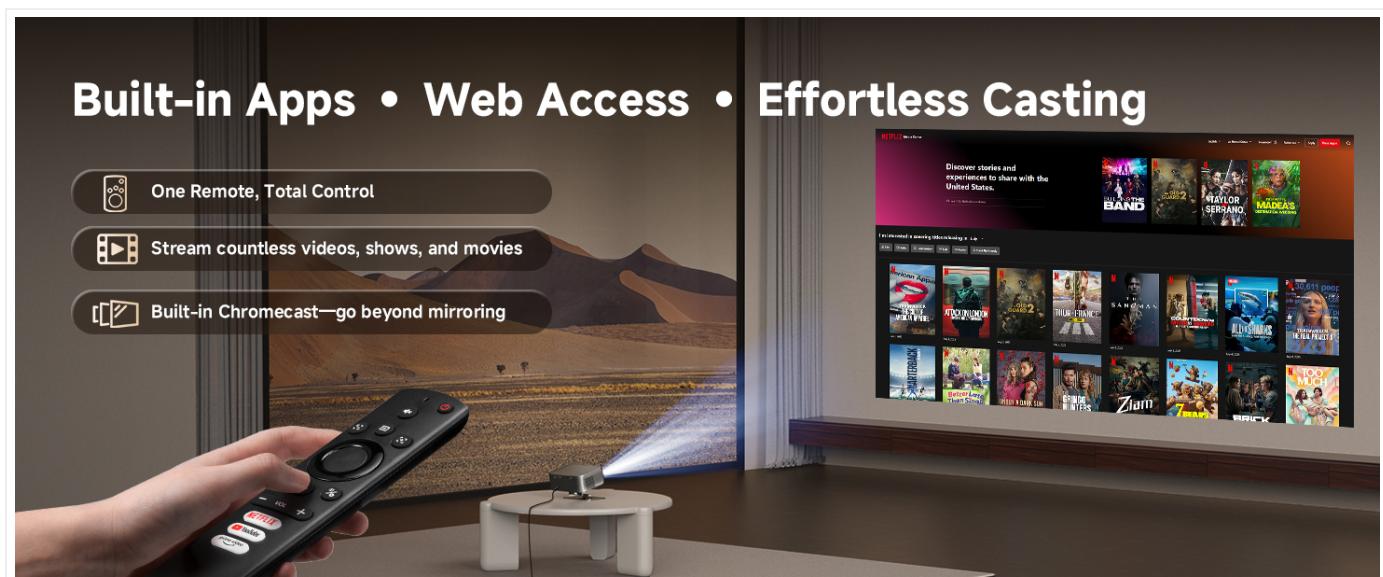

Image 6.2: The Movin 2.0 OS provides direct access to popular streaming services.

6.3 Connecting External Devices

Use the HDMI port to connect devices like laptops, gaming consoles, or other media players. The projector supports 4K input and HDR10+ for enhanced visual quality.

- Connect an HDMI cable from your external device to the projector's HDMI input.
- Select the corresponding HDMI input source from the projector's input menu.

6.4 Audio Settings

The projector supports Dolby Audio and DTS Audio decoding. For external audio, use the Bluetooth pairing feature or the eARC HDMI port for lossless audio transmission to compatible sound systems.

Image 6.3: The projector integrates Dolby Audio and DTS for a rich sound experience.

6.5 Projection Adjustments

- **Auto-Focus:** The projector automatically adjusts focus. If needed, manual focus adjustment options are available in the settings.

- **Auto Keystone Correction:** The projector automatically corrects trapezoidal distortion.

- **Digital Zoom:** Adjust the screen size from 50% to 100% via the settings menu without moving the projector.

- **360° Projection:** The projector can be positioned for various projection angles, including ceiling projection.

7. Maintenance

7.1 Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.

- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used,

followed by a dry cloth.

- **Ventilation Openings:** Periodically check and gently clean the ventilation openings to prevent dust buildup, which can affect performance and lifespan. Use a soft brush or compressed air.

7.2 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case to prevent dust and damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected; Incorrect input source; Lens cap on.	Ensure power cable is securely connected; Select correct input source (HDMI, App); Remove lens cap.
Image is blurry	Out of focus; Projector moved.	Allow auto-focus to adjust; Manually adjust focus if needed via settings.
No sound	Volume too low; Muted; Incorrect audio output selected; Bluetooth device not connected.	Increase volume; Unmute; Check audio output settings; Re-pair Bluetooth device.
Wi-Fi connection issues	Incorrect password; Router too far; Network interference.	Verify Wi-Fi password; Move projector closer to router; Restart router.
Remote control not working	Batteries depleted; Obstruction between remote and projector.	Replace AAA batteries; Ensure clear line of sight to the projector's IR receiver.

9. SPECIFICATIONS

Brand	iSinbox
Model	YG381
Display Technology	LCD
Image Brightness	1200 ANSI Lumens
Native Resolution	1920 x 1080 (Full HD)
Supported Resolution	Up to 3840 x 2160 (4K)
Image Contrast Ratio	20000:1
Aspect Ratio	16:9, 4:3
Special Features	Movin Smart Operating System (Movin 2.0), AI-Powered Visuals, 4K Support, HDR10+, Auto-Focus, 6D Keystone, Auto Screen Alignment, Dolby & DTS Audio, MTK9660 Chip, Wi-Fi 6, Bluetooth 5.3
Connectivity Technology	Wireless (Wi-Fi 6, Bluetooth 5.3), HDMI
Compatible Devices	Gaming Console, Laptop, Smartphone, Tablet, Television

Noise Level	32 Decibels
Product Dimensions	20 x 16 x 8 cm
Item Weight	2.09 kg (approx. 4.6 lbs)

10. WARRANTY AND SUPPORT

The iSinbox YG381 Projector comes with a **1-year free replacement warranty** and **3 years of technical support**. For any product inquiries, technical assistance, or warranty claims, please contact iSinbox customer support. Refer to the contact information provided on the product packaging or the official iSinbox website.

Please note that AAA batteries for the remote control are not included and should be purchased separately.

Related Documents - YG381

[iSinbox YG381 LED LCD Projector: Full HD, 700 ANSI Lumens, HDR, Wi-Fi](#)
Explore the iSinbox YG381, a versatile LED LCD projector offering Full HD 1080p resolution, 700 ANSI lumens brightness, HDR support, and advanced connectivity including Wi-Fi 6 and Bluetooth 5.3 for immersive home entertainment and presentations.

[iSinbox JY821 Portable LED LCD Projector: 1500 Lumens, 1080p HD, HDR, Wi-Fi](#)
Explore the iSinbox JY821, a portable LED LCD projector delivering 1500 ANSI lumens, Full HD 1080p resolution, HDR support, and seamless Wi-Fi and Bluetooth connectivity for presentations and home entertainment.

[iSinbox GC357 Portable LED LCD Projector - Specifications and Features](#)
Detailed information about the iSinbox GC357 portable LED LCD projector, including its ANSI lumens, contrast ratio, resolution, LED lifespan, connectivity options, and ideal use cases for presentations and home entertainment.

[iSinbox X9 Portable LCD LED Projector Specifications and Features](#)
Detailed overview of the iSinbox X9 portable LCD LED projector, including its HDTV 1920x1080 resolution, 1200 ANSI lumens, 30000-hour lifespan, Bluetooth connectivity, and compatibility with Full HD 1080P and 4K.

[iSinbox C1000 Smart HD Projector - Limited Time Gift Offer](#)
Explore the iSinbox C1000 smart HD DLP projector and its limited-time campaign offering a choice of free gifts, including screens, stands, 3D glasses, and USB drives.

[iSinbox Q8 Portable 3D LED Projector: Specifications and Overview](#)
Detailed overview of the iSinbox Q8 portable 3D LED projector, featuring 500 Ansi lumens, 1280x720 resolution, 30,000-hour LED life, Airplay, Miracast, and Bluetooth connectivity.

Documents - iSinbox – YG381

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iSinbox **YG381** 2025 Version 2025 Version ISINBOX **YG381** 2025 VERSION Leinwand Projektor Kurzvorstellung Beta 2.5 Projektionssystem Ansi-Lumen Kontrast Schwarzwert Offset Auflsung Wiedergabesignale Einsatzgebiet Lichtquelle Licht Lebensdauer Betriebskosten Der iSinbox **YG381** 2025 Version LED LCD Beam...

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