

ZDK ZDK-1080P-4K-300

ZDK Native 1080P FHD 15000 Lumens Mini WiFi Bluetooth 4K Projector User Manual

Model: ZDK-1080P-4K-300

1. INTRODUCTION

Thank you for choosing the ZDK Native 1080P FHD 15000 Lumens Mini WiFi Bluetooth 4K Projector. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your projector. Please read it thoroughly before use to ensure optimal performance and longevity of your device. This projector features native 1920x1080P resolution, 15000 lumens brightness, 20000:1 dynamic contrast, and supports 4K decoding. It includes 5G+2.4G WiFi and Bluetooth 5.0 connectivity, a fully sealed optical engine, and a Hi-Fi stereo speaker. It is designed for a maximum display of 300 inches and offers wide compatibility with various devices.



Image 1.1: ZDK Mini Projector overview, highlighting key features and entertainment options.

2. SETUP

2.1 Unpacking and Placement

Carefully remove all components from the packaging. Ensure the projector is placed on a stable, flat surface. For optimal projection, position the projector perpendicular to the screen or projection surface. Maintain adequate ventilation around the projector to prevent overheating.

2.2 Power Connection

1. Connect the power cable to the projector's power input port.
2. Plug the other end of the power cable into a suitable electrical outlet.
3. Press the power button on the projector or remote control to turn on the device.

2.3 Focus and Keystone Correction

After powering on, adjust the focus ring on the projector lens until the image appears sharp and clear. Use the

keystone correction feature (typically a dial or digital setting) to correct any trapezoidal distortion, ensuring a rectangular image. The projector supports $\pm 15^\circ$ keystone correction.



Image 2.1: Illustration of projection distance, screen size, and keystone correction.

2.4 Screen Installation (Optional)

A portable 100-inch screen is included for outdoor or temporary setups. Follow the screen's instructions for assembly and mounting. The projector supports rear, front, and ceiling installation methods.



Image 2.2: Various installation options for the projector: table, tripod, and ceiling.

2.5 Connectivity

The projector offers multiple connection options:

- **HDMI:** Connect to laptops, gaming consoles (PS5, Xbox), TV sticks, etc. (HDMI cable included).
- **USB:** For USB flash disks.
- **AV:** For older devices.
- **TF:** For TF cards.
- **VGA:** For computers.
- **3.5mm Headphone Jack:** For external audio output.

Wide Multimedia Compatibility



Image 2.3: Wide multimedia compatibility of the ZDK projector.

2.5.1 WiFi Connection (5G+2.4G)

1. Navigate to the projector's network settings.
2. Select your desired 2.4G or 5G WiFi network.
3. Enter the password to connect.

2.5.2 Bluetooth Connection (5.0)

1. Access the Bluetooth settings on the projector.
2. Enable Bluetooth on your external speaker or headphones.
3. Select your device from the list of available devices to pair.



Image 2.4: Bluetooth 5.0 connectivity for external audio devices.

2.5.3 Screen Mirroring (iOS/Android)

The projector supports wireless screen mirroring for iOS and Android devices using 5G+2.4G WiFi. Follow the on-screen instructions for your specific device to initiate screen mirroring.

Note:

- Due to copyright protections, streaming services like Netflix, Amazon Prime, and Hulu may require an HDMI cable connection to your laptop or TV stick for screen mirroring. Direct wireless mirroring of these apps from a phone may be restricted.



Image 2.5: 5G+2.4G WiFi wireless screen mirroring in action.

3. OPERATING INSTRUCTIONS

3.1 Basic Navigation

Use the included remote control or the buttons on the projector to navigate the on-screen menu. Select input sources, adjust volume, and access settings.

3.2 Input Source Selection

Press the 'Source' button on the remote control or projector to cycle through available input options (HDMI, USB, AV, TF, VGA, Screen Mirroring).

3.3 Image and Audio Settings

Access the projector's menu to adjust image settings such as brightness, contrast, color, and aspect ratio (4:3/16:9). Adjust the volume for the built-in 5W stereo speaker or connected external audio devices.

3.4 MEMC Technology

The projector is equipped with MEMC (Motion Estimation, Motion Compensation) technology, which reduces image latency and motion blur, providing a smoother viewing experience for fast-paced content like sports and action films.



Image 3.1: Clarity comparison with and without MEMC technology.

4. MAINTENANCE

4.1 Dust Prevention

The projector features a fully sealed dust-proof optical engine design, which significantly reduces light leakage and the occurrence of black spots. This design minimizes the need for frequent internal cleaning.

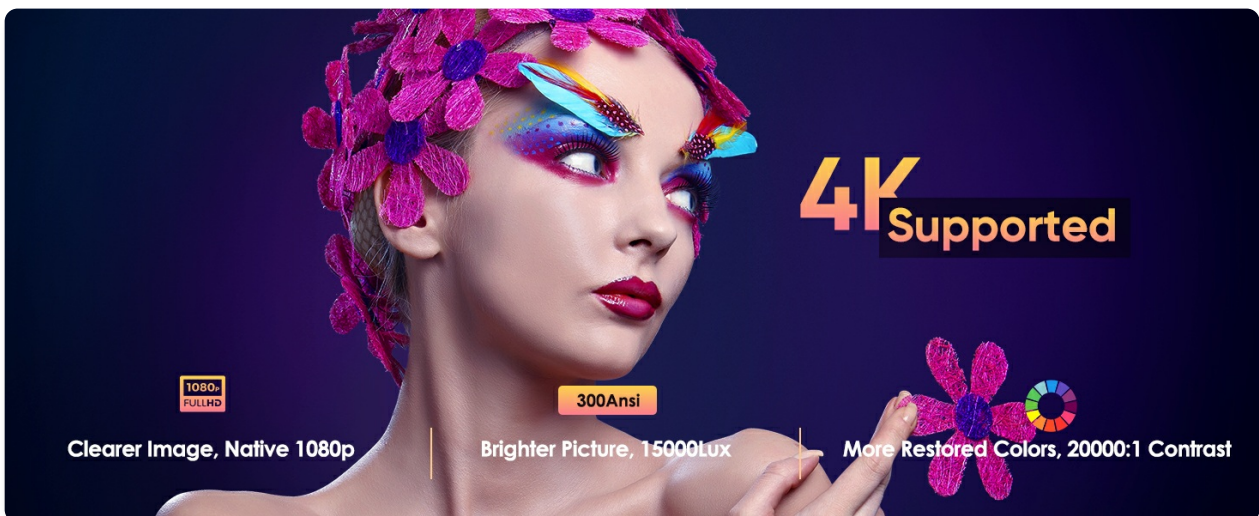


Image 4.1: Illustration of the sealed dust-proof optical engine and cooling technology.

4.2 Cleaning

- **Exterior:** Use a soft, dry cloth to wipe the projector's exterior. For stubborn marks, slightly dampen the

cloth with water or a mild, non-abrasive cleaner.

- **Lens:** Gently clean the projector lens with a lens cleaning cloth or specialized lens paper. Avoid touching the lens with your fingers.
- **Ventilation:** Ensure the ventilation ports are clear of dust and obstructions. Use a soft brush or compressed air to gently clean the vents.

4.3 Lamp Life

The projector utilizes an energy-saving LED light source designed for a lifespan of up to 50,000 hours, reducing the need for frequent lamp replacement.

5. TROUBLESHOOTING

If you encounter issues with your ZDK projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image or blurry image	Loose cable connection, incorrect input source, out of focus, keystone not adjusted.	Check all cable connections. Select the correct input source. Adjust the focus ring. Adjust keystone correction.
No sound	Volume too low, incorrect audio output selected, external speaker not connected.	Increase volume. Ensure external speakers are properly connected via Bluetooth or 3.5mm jack. Check audio settings.
WiFi/Bluetooth connection issues	Incorrect password, out of range, interference.	Verify WiFi password. Ensure devices are within range. Restart projector and router/Bluetooth device.
Remote control not working	Dead batteries, obstruction, remote sensor blocked.	Replace batteries. Ensure no obstructions between remote and projector. Point remote directly at the projector's IR sensor.
Streaming apps (Netflix, Hulu) not mirroring wirelessly	Copyright protection restrictions.	Connect your laptop or TV stick via an HDMI cable for these applications.
Projector is noisy	Normal fan operation, obstructed vents.	Ensure vents are clear. The projector's cooling system generates some operational noise.

6. SPECIFICATIONS

Below are the technical specifications for the ZDK Native 1080P FHD 15000 Lumens Mini WiFi Bluetooth 4K Projector:

- **Brand:** ZDK
- **Model Number:** ZDK-1080P-4K-300
- **Native Resolution:** 1920 x 1080P Full HD
- **4K Support:** Yes
- **Brightness:** 15000 Lumens
- **Dynamic Contrast Ratio:** 20000:1

- **Maximum Display Size:** 300 inches
- **Keystone Correction:** $\pm 15^{\circ}$
- **WiFi Connectivity:** Dual Band 5G + 2.4G
- **Bluetooth:** Version 5.0
- **Optical Engine:** Fully Sealed Dust-Proof
- **Light Source Life:** Up to 50,000 hours
- **Built-in Speaker:** 5W Stereo Speaker
- **Input Ports:** HDMI, AV, USB, TF, VGA
- **Output Ports:** 3.5mm Headphone Jack
- **Item Weight:** 5.46 pounds
- **Package Dimensions:** 12.76 x 9.92 x 5.98 inches
- **Included Accessories:** HDMI Cable, Tripod Stand, 100" Portable Screen

7. WARRANTY AND SUPPORT



ZDK is committed to providing excellent customer service and product reliability.

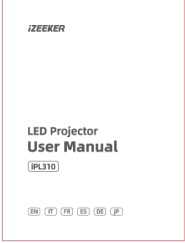
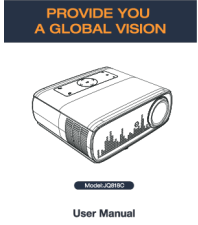

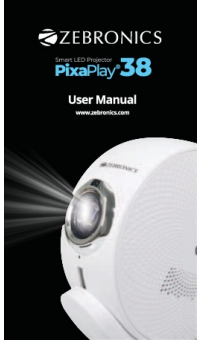
- **Warranty:** Your ZDK projector comes with a 2-year warranty from the date of purchase.
- **Customer Support:** ZDK offers 12/7 service and lifelong technical support.

For warranty claims, technical assistance, or any product-related inquiries, please contact ZDK customer support through the retailer's platform or the official ZDK website. Please have your model number (ZDK-1080P-4K-300) and purchase information ready when contacting support.

© 2024 ZDK. All rights reserved.

Related Documents - ZDK-1080P-4K-300

<div><div>Projector</div><div>User Guide</div><div></div><div><small>Due to continuous improvement, actual product may differ from the manual, manual is for reference only.</small></div></div>	<div>ZDK Projector User Guide: Setup, Features, and Specifications</div> <div>Comprehensive user guide for the ZDK projector, covering safety, setup, remote control, user interface, connections (HDMI, USB, WiFi), screen mirroring, projection distance, and technical specifications. Learn how to operate and maintain your ZDK projector.</div>
<div><div></div><div><div>ZDK</div><div>User Manual</div><div><small>ZDK T30A/B T30B</small></div></div></div>	<div>ZDK Tablet PC T30A/B Android User Manual - Setup Guide & Features</div> <div>Comprehensive user manual for the ZDK Tablet PC T30A/B (Android). This guide covers initial setup, button functions, system settings for Wi-Fi, Bluetooth, display, sound, connectivity, application management, security, and FCC compliance.</div>

	<p>iZEEKER iPL310 LED Projector User Manual</p> <p>iZEEKER iPL310 LED Projector User Manual: Get detailed setup, operation, and troubleshooting guides for your iPL310 projector. Learn about features, specifications, and warranty from iZEEKER.</p>
	<p>GROVIEW JQ818C Projector User Manual: Features, Setup, and Troubleshooting</p> <p>Comprehensive user manual for the GROVIEW JQ818C projector. Learn about product overview, specifications, connecting devices (HDMI, USB, wireless), projector settings, and troubleshooting common issues. Get detailed setup instructions and support contact information.</p>
	<p>GammaBai VAST Projector Instruction Manual</p> <p>This instruction manual provides detailed guidance for operating the GammaBai VAST projector. It covers setup, interface, power functions, wireless connectivity (WiFi, Bluetooth, Miracast, DLNA), image settings like keystone correction and digital zoom, and important safety considerations.</p>
	<p>Zebronic PixaPlay 38 Smart LED Projector User Manual</p> <p>User manual for the Zebronic PixaPlay 38 Smart LED Projector, detailing features, specifications, setup, connections, and settings. Learn how to use your projector for home theater and entertainment.</p>