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ZDK Native 1080P Projector

ZDK Native 1080P Projector User Manual

Model: Native 1080P Projector | Brand: ZDK

1. Introduction

Thank you for purchasing the ZDK Native 1080P Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read it thoroughly before use to ensure optimal performance and safety.

Package Contents

- ZDK Native 1080P Projector
- Remote Control
- Power Cable
- HDMI Cable
- AV Cable
- User Manual (this document)

2. Safety Information

- Do not look directly into the projector lens when the lamp is on.
- Ensure proper ventilation around the projector to prevent overheating.
- Keep the projector away from water, moisture, and flammable materials.
- Use only the power adapter supplied with the projector.
- Avoid dropping or subjecting the projector to strong impacts.
- Unplug the projector during lightning storms or when unused for long periods.

3. Product Overview

Familiarize yourself with the components and ports of your ZDK Native 1080P Projector.

Figure 1: ZDK Native 1080P Projector. The projector features a compact red and black design. It is shown with its white remote control and a smartphone resting on its top surface, illustrating its connectivity capabilities.

Projector Components

- **Lens:** Projects the image onto the screen.
- **Focus Ring:** Adjusts image clarity.
- **Keystone Correction:** Corrects trapezoidal image distortion.
- **Control Panel:** On-device buttons for basic functions.
- **Speaker:** Integrated audio output.
- **Ventilation Ports:** For heat dissipation.

Input/Output Ports

- **HDMI Port:** Connects to HDMI-enabled devices (laptops, gaming consoles, streaming sticks).
- **USB Port:** Connects to USB drives for media playback.
- **AV Port:** Connects to older devices using an AV cable.
- **Audio Out:** Connects to external audio systems (headphones, speakers).
- **Power Input:** Connects to the power adapter.

4. Setup

4.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Place the projector on a stable, flat surface. Ensure adequate space for ventilation.
3. Consider projection distance based on desired screen size. The projector supports a 300-inch screen.
4. For alternative installations, use the 1/4" screw hole at the bottom for tripod, ceiling, or wall mounting.

4.2 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 power outlet.

4.3 Initial Power On

1. Press the power button on the projector or the remote control to turn it on.
2. Allow a few moments for the projector to start up.

5. Operating

5.1 Basic Operation

- **Focus Adjustment:** Rotate the focus ring near the lens until the image appears clear and sharp.
- **Keystone Correction:** Use the keystone adjustment feature (manual or digital, depending on model) to correct any trapezoidal distortion if the projector is not perfectly perpendicular to the screen.
- **Navigation:** Use the arrow keys and OK button on the remote or projector control panel to navigate menus.

5.2 Connectivity

The ZDK projector offers versatile connectivity options:

- **HDMI:** Connect your laptop, gaming console (PS5), or streaming device (Fire Stick, Roku) using an HDMI cable. Select the corresponding HDMI input source.
- **USB:** Insert a USB drive into the USB port to play media files directly. Navigate to the media player interface to select your content.
- **AV:** Use the provided AV cable to connect to devices with AV output. Select the AV input source.

5.3 Wireless Connectivity (WiFi & Bluetooth)

- **WiFi Connection:** Access the projector's settings menu, select 'Network' or 'WiFi', and connect to your dual-band 5G/2.4G WiFi network. This enables online streaming and screen mirroring features.
- **Screen Mirroring:** For smartphones (iPhone, Android) and tablets (iPad), enable screen mirroring (e.g., AirPlay for iOS, Miracast for Android) on your device and select the projector from the available devices. Ensure both devices are connected to the same WiFi network.
- **Bluetooth Audio:** The projector supports two-way Bluetooth 5.1 audio transmission. Go to the Bluetooth settings, enable Bluetooth, and pair with external Bluetooth speakers, headphones, or soundbars for enhanced audio.

6. Maintenance

6.1 Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or cloths.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals.
- **Ventilation Ports:** Periodically clean the ventilation ports with a soft brush or compressed air to prevent dust buildup, which can affect performance and lifespan.

6.2 Storage

When not in use, 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.

7. Troubleshooting

Problem	Possible Cause	Solution
No image displayed	Power not connected, incorrect input source, loose cable connection.	Check power cable, select correct input source (HDMI, USB, AV), ensure cables are securely connected.
Image is blurry	Out of focus, incorrect projection distance.	Adjust the focus ring. Ensure the projector is within the recommended projection distance.
Image is trapezoidal	Projector not perpendicular to the screen.	Adjust keystone correction.
No sound	Volume too low, incorrect audio output selected, external device audio issue.	Increase volume. Check audio settings on projector and connected device. Ensure Bluetooth speaker is paired correctly.
Remote control not working	Dead batteries, obstruction, remote not aimed at IR receiver.	Replace batteries. Remove obstructions. Aim remote directly at the projector's IR receiver.

8. Specifications

Feature	Detail
Brand	ZDK
Model	Native 1080P Projector
Display Resolution	Native 1920 x 1080 (4K Supported)
Brightness	18000 Lumen
Connectivity Technology	Dual-band 5G/2.4G WiFi, Bluetooth 5.1
Input Ports	HDMI, USB, AV
Recommended Uses	Indoor/Outdoor Home Theater, Gaming, Meetings
Item Weight	3.9 pounds
Package Dimensions	10.9 x 9.6 x 4.3 inches
Color	Red & Black

9. Warranty and Support

9.1 Product Warranty

The ZDK Native 1080P Projector comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures customer satisfaction. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

If you encounter any issues or have questions regarding your ZDK projector, please do not hesitate to contact our customer support team. We are committed to providing assistance and will respond to your inquiries within 12 hours.

For support, please refer to the contact information provided on your product packaging or the official ZDK website.