

XGIMI Z4 Air

XGIMI Z4 Air 3D Projector User Manual

Model: Z4 Air

1. INTRODUCTION

The XGIMI Z4 Air is an ultra-slim and portable 3D multimedia player and smart home theater system. Designed for both business and entertainment, this 720P Wi-Fi projector features a built-in 13600mAh battery, offering flexibility and convenience for on-the-go use. It integrates various functions including a projector, HD player, Bluetooth speaker, and office assistant, all within a compact design.

This manual provides detailed instructions for setting up, operating, and maintaining your XGIMI Z4 Air projector to ensure optimal performance and longevity.

2. PRODUCT FEATURES

- **Ultra-Slim & Portable Design:** With a thickness of only 23.5mm and a weight of 0.65kg, the Z4 Air is highly portable, comparable in size to an iPad mini.
- **High-Capacity Battery:** Equipped with a built-in 13600mAh LG Chem battery, providing up to 2.5 hours of operation (up to 5 hours in energy-saving mode) and capable of charging mobile devices.
- **Mirroring Display:** Supports Airplay, DLNA, and Miracast for wireless screen mirroring from computers and mobile phones.
- **Multi-functional Entertainment System:** Acts as a TV Box, Internet TV, Projector, HD Player, Bluetooth Speaker, Game Player, and Office Assistant.
- **Operating System:** Runs on GMUI based on Android 4.4, supporting a variety of Android and iOS applications.
- **High-Definition Projection:** Native resolution of 1280 x 720 (720P) with 1000 lumens (250 ANSI lumens) brightness.
- **Advanced Image Processing:** Features TRP Architecture from Texas Instruments for enhanced pixel array, picture definition, and text clarity.
- **Intelligent Cooling:** Self-adaptation system adjusts fan speed based on internal temperature for quiet and stable operation.
- **Connectivity:** Dual-band 2.4/5GHz Wi-Fi (802.11a/b/g/n/ac 2x2 double antennas) and Bluetooth 4.0/BLE.

- **Input/Output Ports:** 2x HDMI, 1x USB 2.0, 1x USB 3.0, 1x Headphone output.
- **2D to 3D Function:** Converts standard 2D content into an immersive 3D experience.
- **Sliding Switch:** Integrated dust cover and power switch for simplified operation and lens protection.

3. SETUP GUIDE

3.1 Unboxing and Package Contents

Carefully unpack your XGIMI Z4 Air projector. The package should contain the following items:

- XGIMI Z4 Air Projector
- Power plug
- HDMI cable
- Bluetooth remote control
- Li-on Battery (pre-installed or separate)
- Handbook (this manual)

3.2 Powering On/Off

The Z4 Air features a unique sliding switch that integrates the dust cover and power function.

1. To power on, slide the lens panel open. The projector will start automatically.
2. To power off, slide the lens panel closed. The projector will shut down.

Sliding switch. Simplify your life.

Z4Air rolls dust cover and power switch into one. You slide the lens panel and ready for watching, meantime; the Z4Air is running, and vice versa.



Image: The sliding switch mechanism on the XGIMI Z4 Air, which also functions as a lens cover and power control.

3.3 Initial Setup

Upon first power-on, the projector will guide you through the initial setup process:

1. **Language Selection:** Choose your preferred language.
2. **Network Connection:** Connect to a Wi-Fi network. This is essential for accessing online content and updates.
3. **Bluetooth Remote Pairing:** Ensure your Bluetooth remote control is paired. If not, follow the on-screen instructions or refer to the 'Operating Instructions' section.

4. OPERATING INSTRUCTIONS

4.1 Using the Bluetooth Remote Control

The XGIMI Z4 Air comes with a versatile Bluetooth remote control. It features a gravity sensor for motion control, a mouse function for easier navigation, and dynamic focusing capabilities.

Bluetooth remote control



Image: The Bluetooth remote control for the XGIMI Z4 Air, highlighting its key features such as gravity sensor, mouse function, and dynamic focusing.

- **Navigation:** Use the directional pad for menu navigation.
- **Mouse Function:** Activate the mouse function to control an on-screen cursor, similar to a computer mouse.
- **Focus Adjustment:** Use the dedicated focus buttons or dynamoelectric focusing feature to sharpen the projected image.
- **Volume Control:** Adjust audio levels using the volume buttons.
- **Home/Back:** Navigate through the system interface.

4.2 Adjusting Focus

For a clear image, adjust the focus using the remote control until the projected image is sharp.

4.3 Projecting Content

The Z4 Air supports multiple methods for displaying content:

- **HDMI Input:** Connect external devices like laptops, gaming consoles, or Blu-ray players using an HDMI cable.
- **USB Playback:** Insert a USB drive into the USB 2.0 or USB 3.0 port to play media files directly.
- **Wireless Mirroring (Airplay/DLNA/Miracast):**
 - a. Ensure your mobile device or computer and the Z4 Air are connected to the same Wi-Fi network.
 - b. Select the appropriate mirroring function (Airplay for iOS/macOS, Miracast for Android/Windows, DLNA for compatible devices) on your source device.
 - c. Select the Z4 Air from the list of available devices.

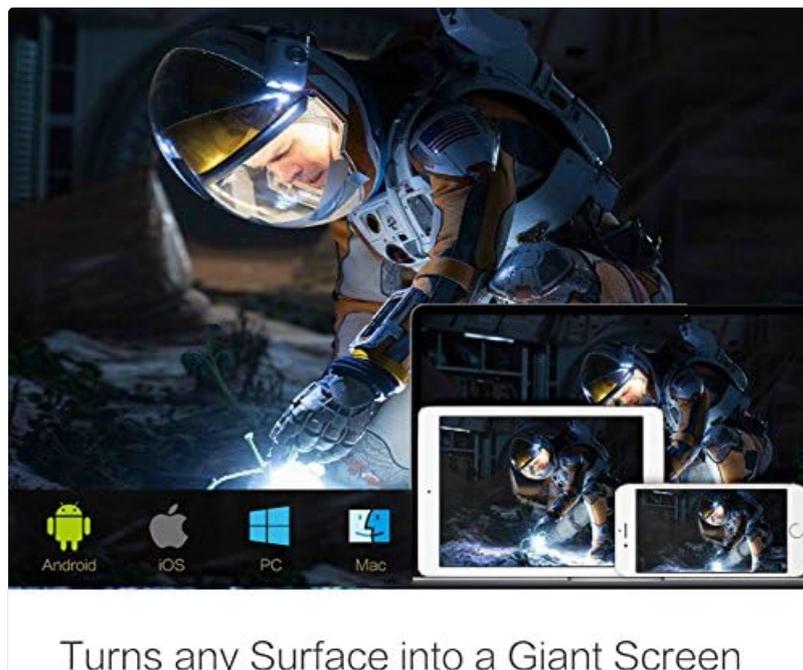


Image: The XGIMI Z4 Air demonstrating its mirroring capabilities with various operating systems including Android, iOS, PC, and Mac, projecting content onto a large surface.

4.4 2D to 3D Function

The Z4 Air can convert standard 2D video content into a 3D experience. To use this feature:

1. Play a 2D video.
2. Access the projector's settings or a dedicated 3D button on the remote (if available).
3. Select the 2D to 3D conversion option.
4. Wear compatible 3D glasses (sold separately) to view the content in 3D.

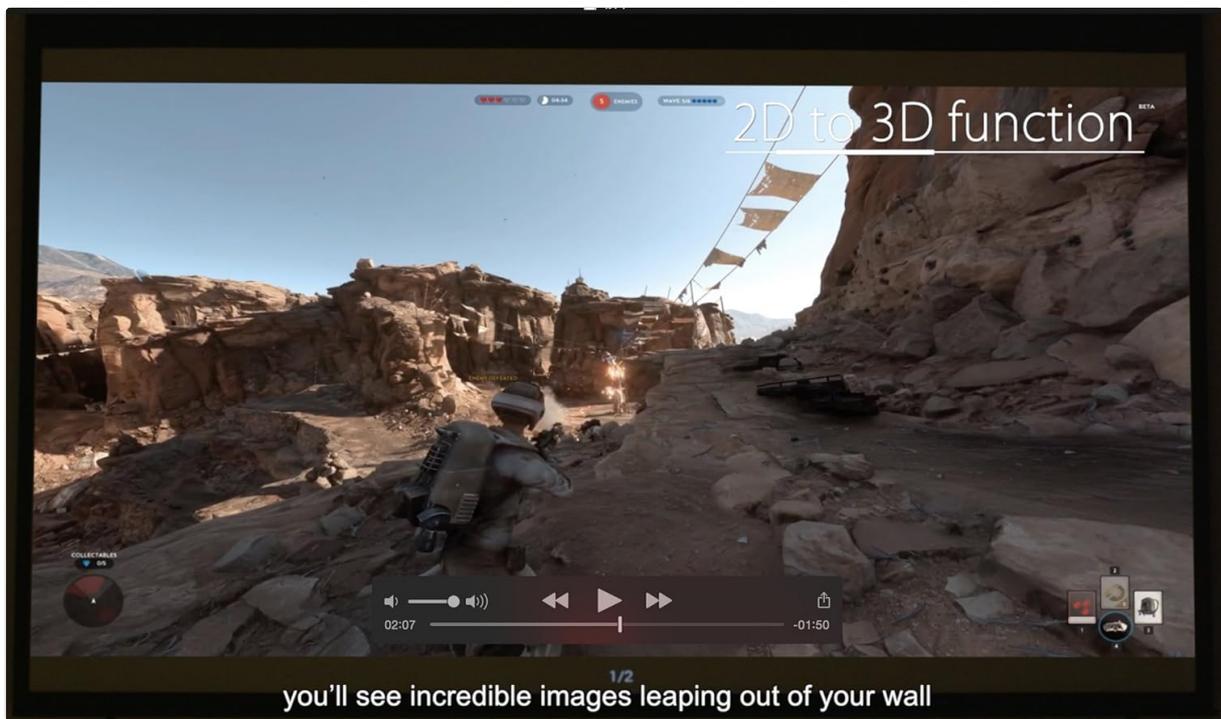


Image: A projected image from the XGIMI Z4 Air showing a video game with an overlay indicating its 2D to 3D conversion capability.

5. CONNECTIVITY

5.1 Wi-Fi Connection

The Z4 Air supports dual-band 2.4/5GHz Wi-Fi for stable and fast internet access.

1. Go to 'Settings' on the projector's interface.
2. Select 'Network' or 'Wi-Fi'.
3. Choose your desired Wi-Fi network from the list and enter the password.

5.2 Bluetooth Pairing

Pair Bluetooth devices such as external speakers, headphones, or game controllers.

1. Go to 'Settings' on the projector's interface.
2. Select 'Bluetooth'.
3. Turn on Bluetooth and put your device into pairing mode.
4. Select your device from the list to pair.

5.3 Wired Connections

The Z4 Air provides the following physical ports:

- **HDMI (x2):** For connecting high-definition video and audio sources.
- **USB 2.0 (x1):** For connecting USB storage devices or peripherals.
- **USB 3.0 (x1):** For faster data transfer with compatible USB 3.0 devices.
- **Headphone (x1):** For connecting external audio output devices like headphones or speakers.

6. BATTERY AND CHARGING

6.1 Internal Battery

The XGIMI Z4 Air is equipped with a 13600mAh high-capacity rechargeable Li-on battery from LG Chem. This battery provides significant portability, allowing for up to 2.5 hours of continuous use, and up to 5 hours in energy-saving mode.

6.2 Charging the Projector

To charge the projector, connect the provided power adapter to the projector's power input and then to an AC outlet (AC100-240V, 50/60Hz). The charging indicator will show the charging status.

6.3 Portable Charger Bank Function

The Z4 Air's high-capacity battery can also function as a portable power bank to charge your mobile phone or tablet. Connect your device to one of the USB ports on the projector using a compatible USB cable.

Portable Charger Bank

Z4Air has built-in 13600mAh high-capacity rechargeable battery. It can charge your phone and pad. Capacity density could reach to 725Wh/L



Image: The XGIMI Z4 Air projector connected via USB cable to a smartphone, demonstrating its capability to function as a portable power bank.

7. MAINTENANCE

7.1 Cleaning the Lens

The Z4 Air's sliding switch acts as a dust cover, protecting the lens when not in use. For additional cleaning:

- Use a soft, lint-free cloth specifically designed for optical lenses.
- Gently wipe the lens surface. Avoid using abrasive materials or harsh chemicals.
- Do not apply excessive pressure.

7.2 General Care

- Store the projector in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the projector to strong impacts.
- Keep ventilation openings clear to prevent overheating. The self-adaptation system helps manage internal temperature.

8. TROUBLESHOOTING

If you encounter issues with your XGIMI Z4 Air, refer to the following common problems and solutions:

Problem	Possible Solution
Projector does not power on	Ensure the lens panel is fully slid open. Check if the battery is charged or if the power adapter is properly connected.
No image projected	Check the input source (HDMI, USB, mirroring). Ensure the focus is adjusted. Verify the projector is not in standby mode.
Image is blurry	Adjust the focus using the remote control. Ensure the projection surface is flat and the projector is at an optimal distance.
No sound	Check the volume level on the projector and the source device. Ensure no headphones are connected if you expect sound from the internal speaker. Verify Bluetooth audio output settings.
Remote control not responding	Check the remote control's battery. Ensure it is properly paired via Bluetooth. Re-pair if necessary.
Wi-Fi connection issues	Ensure the Wi-Fi network is active and the password is correct. Try restarting the projector and your router.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Detailed technical specifications for the XGIMI Z4 Air projector:

Feature	Specification
Model Number	XGIMIZ4AirDarkGrey
CPU	Quad-core 1GHz

Feature	Specification
GPU	Mali-450MP2
RAM	1GB DDR3
Storage	16GB eMMC
Operating System	GMUI based on Android 4.4
Brightness	1000 lumens (250 ANSI lumens)
Native Resolution	1280 x 720 (720P)
Noise Level	≤30dB
Power Dissipation	17-45W
Power Input	AC100-240V, 50/60Hz
Battery Type	13600mAh Li-on Battery (LG Chem)
Battery Life	Up to 2.5 hours (standard), up to 5 hours (energy-saving mode)
Dimensions (LxWxH)	214 x 113.5 x 23.5mm
Weight	0.65kg
Input Interfaces	HDMI x 2; USB 2.0 x 1; USB 3.0 x 1
Output Interface	Headphone x 1
Wi-Fi	Dual-band 2.4/5GHz, 802.11a/b/g/n/ac 2x2 double antennas
Bluetooth	Bluetooth 4.0/BLE
Mirroring Display	Airplay/DLNA/Miracast



Achieving 23.5mm size of the body is our persistent pursuit of the goal, and we have an uncompromising attitude towards innovation.

Image: The XGIMI Z4 Air projector's slim profile being measured, confirming its 23.5mm thickness.



13600mAh battery from LG Chem
Long lasting battery life. In energy-saving mode, it lasts up to incredible 5 hours.

TRP Architecture from Texas Instruments
Enhances of pixels array, picture definition, and clarity of words



Self-adaptation system
Its integrated self-adaptation system can adjust wind speed based on its inner temperature to make sure Z4Air operate silent and steady.



Image: An exploded view of the XGIMI Z4 Air's internal structure, showcasing the 13600mAh battery, TRP Architecture for image processing, and the self-adaptation cooling system.

10. WARRANTY AND SUPPORT

XGIMI products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included in your product packaging or visit the official XGIMI website.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact XGIMI customer support through their official channels. Keep your purchase receipt and product serial number handy when contacting support.