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Wielio AE211B

Wielio Smart Projector AE211B User Manual

Model: AE211B

1. Introduction

Thank you for purchasing the Wielio Smart Projector AE211B. This projector is designed to provide a high-quality home cinema experience with its native 1080P resolution, 4K support, Android 11 operating system, and advanced connectivity options including WiFi 6 and Bluetooth 5.2. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity.

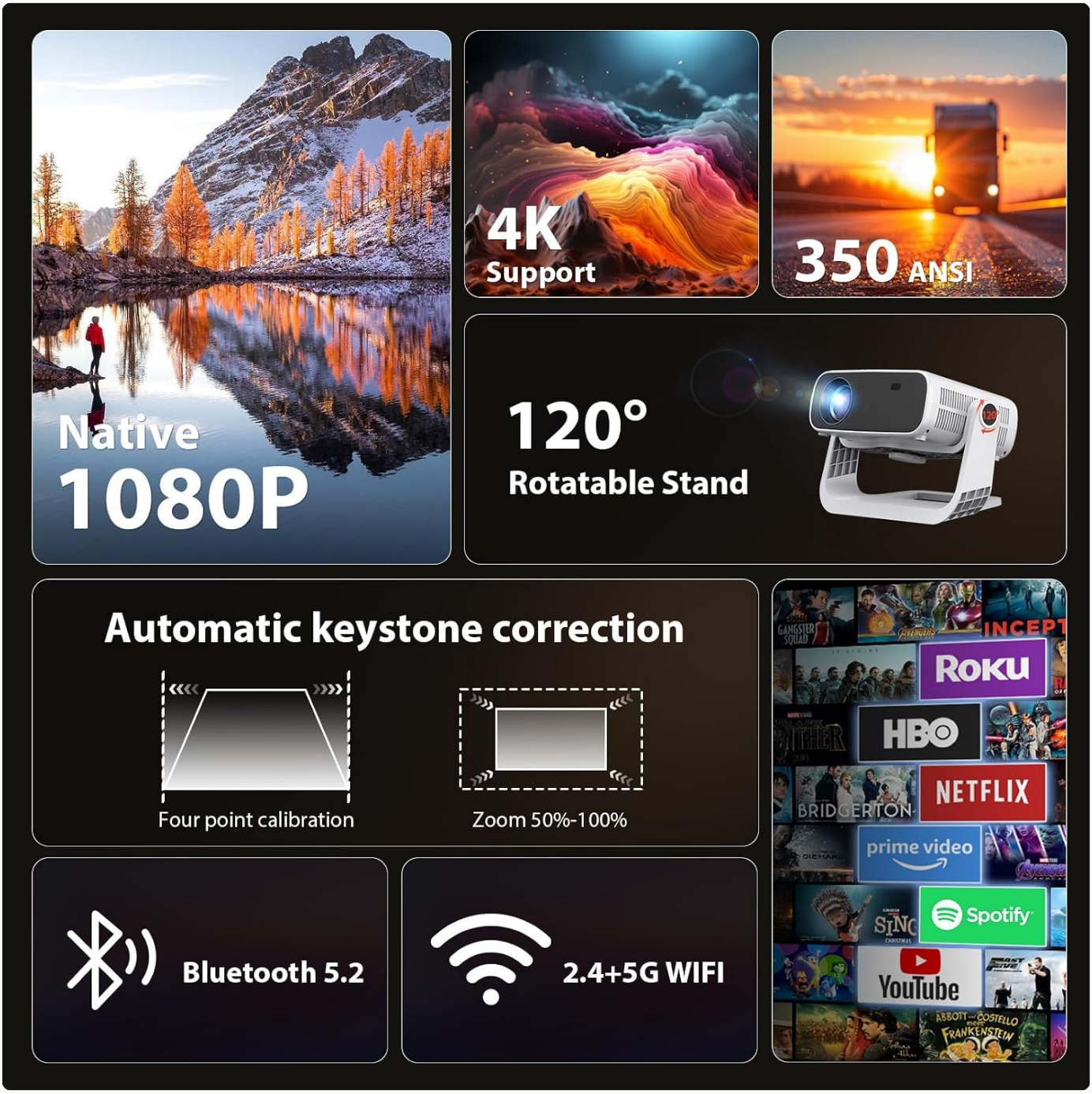


Figure 1: Key features of the Wielio Smart Projector AE211B, including native 1080P resolution, 4K support, 680 ANSI brightness, 120-degree rotatable stand, automatic keystone correction, digital zoom, Bluetooth 5.2, and dual-band WiFi connectivity. The image also displays icons for popular streaming applications.

2. Package Contents

Please check the package for the following items:

- Wielio Smart Projector AE211B
- Power Adapter
- Remote Control
- HDMI Cable
- User Manual

3. Product Overview

Familiarize yourself with the projector's physical components, ports, and controls before operation.

3.1 Front and Rear Panels

The front panel typically houses the projection lens. The rear panel or sides contain various input/output ports and ventilation openings.

- **Lens:** Projects the image onto the screen.
- **Focus Ring:** Adjusts image clarity.
- **Ventilation Ports:** Ensure proper airflow to prevent overheating.
- **HDMI Port:** Connects to external devices like laptops, gaming consoles, or Blu-ray players.
- **USB Port:** Connects to USB storage devices for media playback.
- **Audio Out (3.5mm Jack):** Connects to external speakers or headphones.
- **Power Input:** Connects to the power adapter.

3.2 Controls

The projector can be controlled via the included remote control or on-device buttons (if available).

- **Power Button:** Turns the projector on/off.
- **Navigation Buttons:** Used to navigate menus.
- **OK/Enter Button:** Confirms selections.
- **Back Button:** Returns to the previous screen.

4. Setup

4.1 Placement

Place the projector on a stable, flat surface. Ensure there is adequate space around the ventilation ports for proper airflow. The projector features a 120-degree rotatable stand, allowing for flexible projection angles, including ceiling projection.



Figure 2: The Wielio Smart Projector AE211B demonstrating its 120-degree adjustable stand, enabling projection onto both walls and ceilings for versatile viewing experiences. The stand is also removable for alternative mounting options.

4.2 Power Connection

Connect the power adapter to the projector's power input port, then plug the adapter into a power outlet. The projector will typically power on or enter standby mode.

4.3 Initial Boot and Basic Settings

Upon first power-on, the projector will guide you through initial setup steps, including language selection, time zone, and network configuration.

4.4 Network Connection (WiFi)

To access online content and features, connect your projector to a WiFi network:

1. Navigate to **Settings** on the home screen.
2. Select **Network & Internet**.

3. Turn on **Wi-Fi** and select your desired network from the list.
4. Enter the password if prompted and select **Connect**.

The projector supports 2.4G and 5G WiFi (WiFi 6) for stable and fast wireless connectivity.

4.5 Bluetooth Pairing

To connect Bluetooth audio devices:

1. Go to **Settings** > **Connected Devices** > **Pair new device**.
2. Put your Bluetooth device (e.g., headphones, speaker) into pairing mode.
3. Select your device from the list on the projector screen to pair.

4.6 Focus and Keystone Correction

Adjust the focus ring on the projector until the image is clear. The projector features automatic keystone correction to square the image if the projector is not perfectly aligned with the screen. Manual adjustments for four-point calibration and digital zoom (50-100%) are also available in the settings menu.

4.7 Screen Mirroring

The projector supports wireless screen mirroring from Android, iOS, and Windows devices via 5G WiFi for ultra-fast casting.



Figure 3: The Wielio Smart Projector AE211B displaying content mirrored wirelessly from a smartphone using 5G WiFi. This feature allows for seamless casting from Android, iOS, and Windows devices.

5. Operating Instructions

5.1 Navigating the Android 11 Interface

Use the remote control's navigation buttons to move through the Android 11 home screen and menus. The **OK** button selects items, and the **Back** button returns to the previous screen.

5.2 Using Pre-installed Apps

The projector comes with popular streaming applications pre-installed. Access them directly from the home screen. Log in with your account credentials to start streaming content.

5.3 Connecting External Devices

To connect devices via HDMI or USB:

- **HDMI:** Connect an HDMI cable from your external device (e.g., laptop, game console) to the projector's HDMI port. Select the corresponding HDMI input source from the projector's input menu.
- **USB:** Insert a USB flash drive or external hard drive into the USB port. The projector's media player will typically detect the device, allowing you to browse and play media files.

5.4 Audio Output Options

The projector features built-in speakers for direct audio playback. For an enhanced audio experience, you can connect external speakers or headphones:

- **Bluetooth 5.2:** Pair with Bluetooth headphones or speakers as described in Section 4.5.
- **3.5mm Audio Jack:** Connect wired headphones or external speakers using a 3.5mm audio cable.



Figure 4: The Wielio Smart Projector AE211B highlighting its Bluetooth 5.2 capabilities for connecting external audio devices like headphones and earbuds, alongside its integrated speakers for a complete audio experience.

5.5 Adjusting Picture Settings

Access the picture settings menu to adjust brightness, contrast, color, and aspect ratio to suit your viewing environment

and preferences.

6. Maintenance

6.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force, as this can scratch the lens.

6.2 Ventilation

Ensure the projector's ventilation ports are clear of dust and obstructions. Regularly clean the vents with a soft brush or compressed air to maintain proper airflow and prevent overheating.

6.3 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Cover the lens with its cap to protect it from dust.

7. Troubleshooting

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

- **No Picture:**
  - Ensure the projector is powered on and the power cable is securely connected.
  - Check the input source selection to ensure it matches the connected device (e.g., HDMI 1).
  - Verify the connected device is powered on and outputting a signal.
- **No Sound:**
  - Check the volume level on both the projector and the connected source device.
  - Ensure no external audio devices are connected via Bluetooth or the 3.5mm jack if you intend to use the built-in speakers.
  - If using external audio, ensure it is properly connected and powered on.
- **Remote Control Not Working:**
  - Replace the batteries in the remote control.
  - Ensure there are no obstructions between the remote and the projector's IR receiver.
- **Blurred Image:**
  - Adjust the focus ring on the projector.
  - Check keystone correction settings if the image appears distorted.
- **WiFi/Bluetooth Connectivity Issues:**
  - Ensure the projector is within range of your WiFi router or Bluetooth device.
  - Restart the projector and your router/Bluetooth device.
  - Verify the correct WiFi password has been entered.

8. Specifications

Feature	Specification
Brand	Wielio
Model Number	AE211B
Display Technology	LCD
Native Resolution	1920 x 1080 (Full HD)
Maximum Display Resolution	1920 x 1080 (4K Supported)
Brightness	680 ANSI Lumens
Contrast Ratio	Good
Connectivity Technology	USB, HDMI, Bluetooth 5.2, WiFi 6 (2.4G/5G)
Special Features	Built-In Speaker, Android 11, Automatic Keystone Correction, 120° Rotatable Stand, Screen Mirroring
Recommended Product Uses	Home Cinema
Form Factor	Portable
Mounting Type	Tripod Mount
Minimum Throw Distance	1 meter
Maximum Throw Distance	3.8 meters
Maximum Image Size	200 Inches
Item Weight	1.14 Kilograms

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact Wielio customer service through their official website. Keep your purchase receipt as proof of purchase for warranty claims.

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