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> Xnano Free Style 1080p Native Resolution Projector User Manual

## XNANO Free Style 1080p Projector

# Xnano Free Style 1080p Native Resolution Projector User Manual

Model: Free Style 1080p Projector

## PRODUCT OVERVIEW

The Xnano Free Style 1080p Native Resolution Projector is designed for home entertainment, offering a high-quality visual experience with advanced connectivity and smart features. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting.



Figure 1: Xnano Free Style Projector highlighting key features like 180° rotation, 500 ANSI lumens, 1080p resolution, and auto keystone.

## Key Features:

- **Native 1080p Resolution:** Supports 4K content with a native 720p resolution, delivering clear and vibrant images.
- **High Brightness:** 6000 Lumen LED (490 ANSI) with a 10000:1 dynamic contrast ratio for bright and detailed projections.
- **Large Display Size:** Capable of projecting up to a 150-inch screen.
- **Smart Android 11 OS:** Pre-installed with popular streaming apps like YouTube, Netflix, Prime Video, and Hotstar.
- **Advanced Connectivity:** Dual-band WiFi 6 (2.4GHz + 5GHz), Bluetooth 5.0, HDMI, USB, and Audio Out.
- **Automatic Adjustments:** Features auto keystone correction (45° 4P+4D Digital Keystone) and digital zoom.
- **Integrated Audio:** Built-in 3W speakers for a complete audio-visual experience.
- **Wireless Screen Mirroring:** Supports Miracast for screen mirroring from Android and iOS devices.



Figure 2: The compact design of the Xnano Free Style Projector, illustrating its portability for easy transport and setup in various locations.

## SETUP GUIDE

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Follow these steps to set up your Xnano Free Style Projector for the first time.

### 1. Unboxing and Contents:

Carefully remove all items from the packaging. The box should contain:

- 1 x Xnano Free Style Projector
- 1 x Remote Controller
- 1 x Power Cable

- 1 x User Manual (this document)

## 2. Placement:

Position the projector on a stable, flat surface. Ensure there is adequate ventilation around the device. The projector can be placed on a tabletop or mounted. Consider the projection distance to achieve your desired screen size.



Figure 3: The projector's 180° rotatable design allows for flexible placement, including projecting onto ceilings for a unique viewing experience.



Figure 4: Another view of the projector's 180° rotation capability, enabling projection onto various surfaces like walls or ceilings for versatile entertainment.

### 3. Power Connection:

Connect the power cable to the projector's power input and then plug it into a wall outlet.

### 4. Initial Power On and Focus Adjustment:

Press the power button on the projector or the remote control to turn it on. Adjust the focus ring on the projector lens until the image appears clear and sharp on the screen.

### 5. Keystone Correction:

The projector features automatic keystone correction. If the projected image appears trapezoidal, the projector will automatically adjust it. For manual fine-tuning, navigate to the settings menu to access 45° 4P+4D Digital Keystone correction.



Figure 5: Illustration of the projector's auto keystone correction feature, which automatically adjusts the image for a perfect rectangular display, along with options for manual 4-point and vertical correction.

## OPERATING INSTRUCTIONS

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Learn how to navigate the projector's interface and connect your devices.

### 1. Navigating the Android 11 OS:

The projector runs on Android 11.0. Use the remote control to navigate the home screen, access pre-installed applications (YouTube, Netflix, Prime Video, Hotstar), and download new apps from the app store.



Figure 6: The Android 11 OS interface, providing access to various applications and content directly from the projector.

## 2. Connecting to Wi-Fi:

To access online content and updates, connect the projector to your Wi-Fi network. Go to *Settings > Network > Wi-Fi*, select your network, and enter the password. The projector supports dual-band Wi-Fi 6 (2.4GHz and 5GHz) for stable and fast connections.

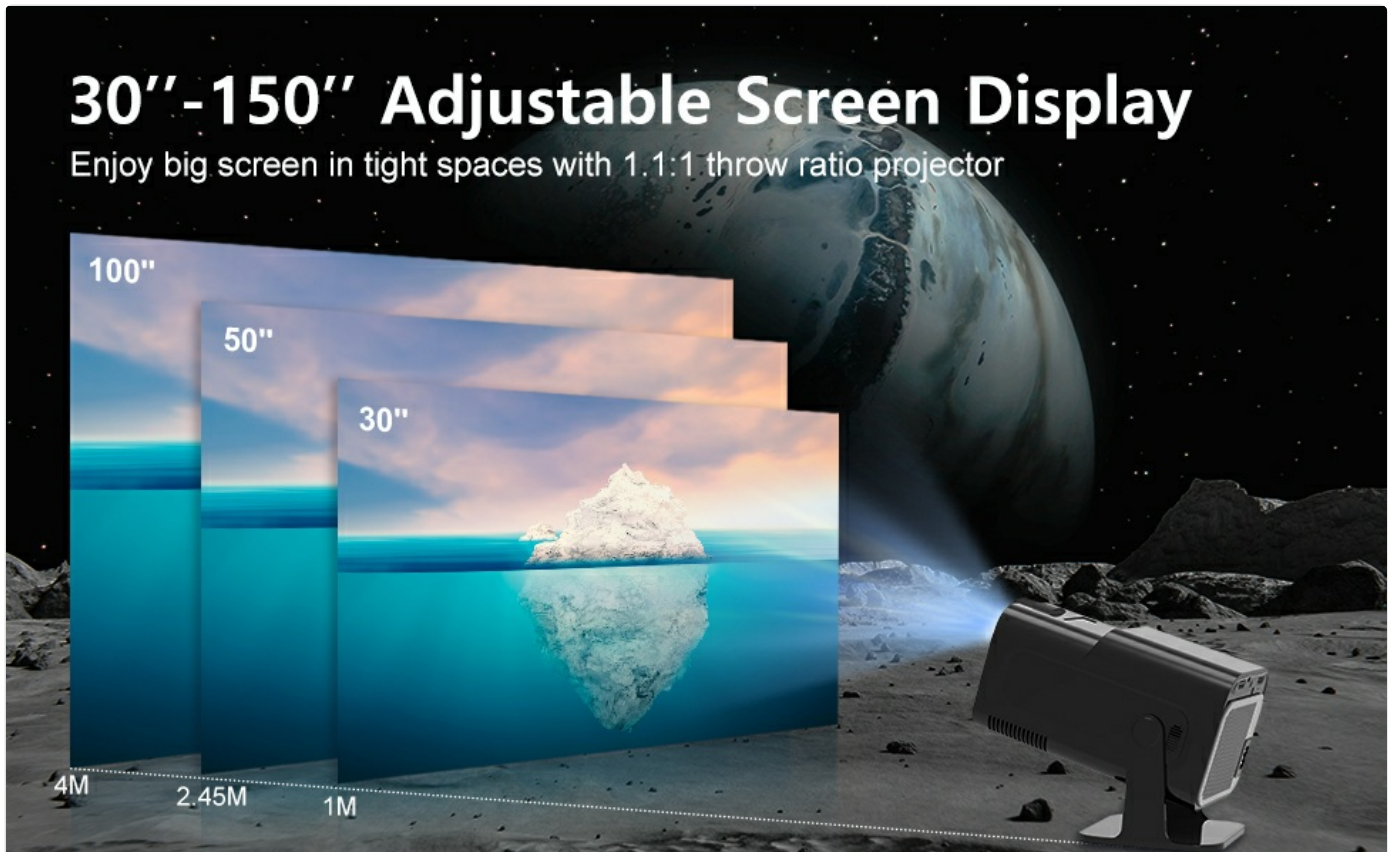


Figure 7: Demonstrates the improved stability and speed offered by the projector's WiFi 6 connectivity compared to older WiFi standards.

# 2.4G & 5G Faster WiFi 6

Dual-wifi 6 ensuring stable and fast playback

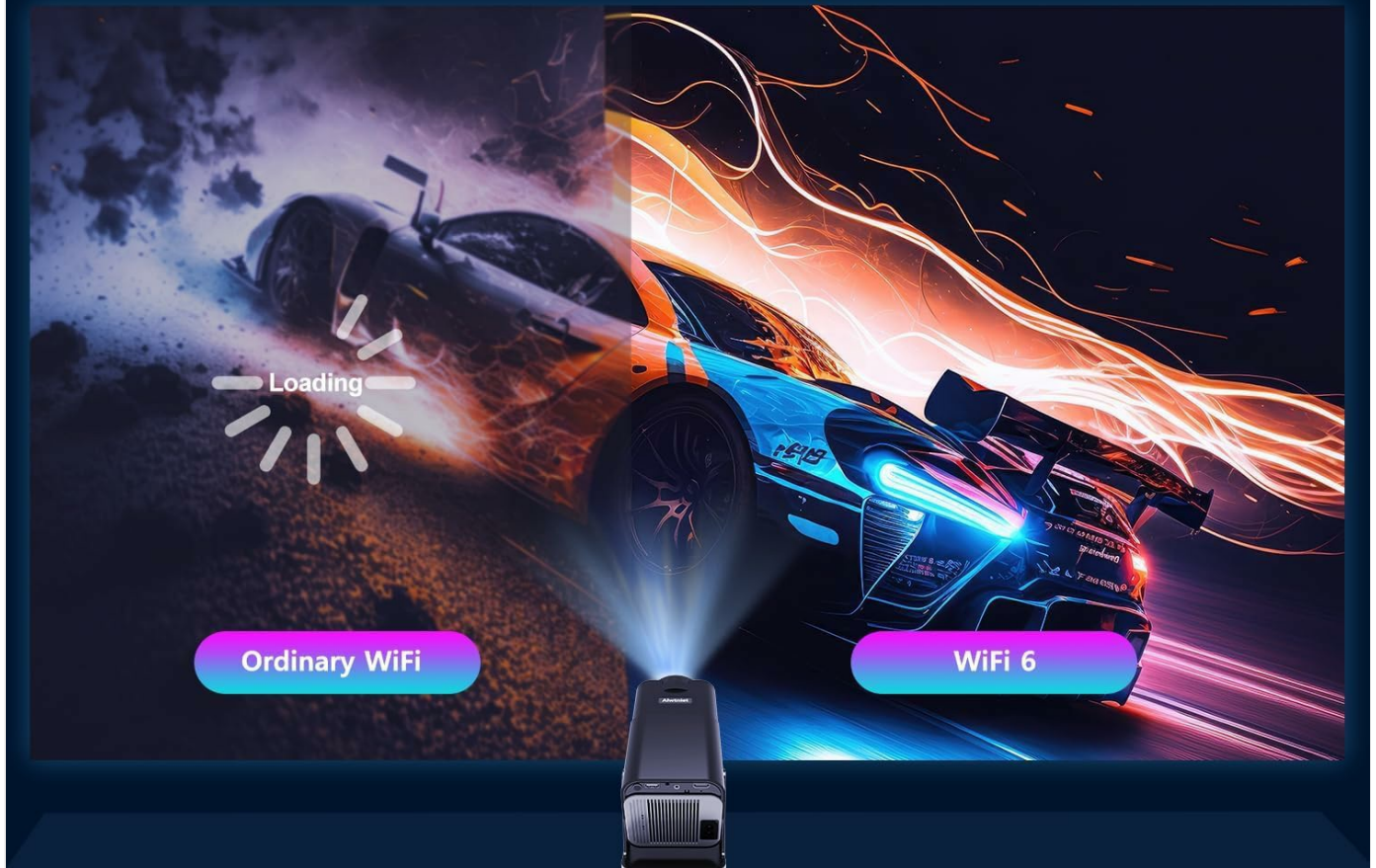


Figure 8: Visual representation of the speed advantage of 2.4G & 5G Faster WiFi 6 for smoother streaming and faster loading times.

### 3. Connecting External Devices:

The projector offers multiple connectivity options:

- **HDMI:** Connect laptops, Blu-ray players, TV sticks, TV boxes, DVD players, or gaming consoles (PS4, Xbox) using an HDMI cable.
- **USB:** Plug in USB drives or hard disks to play media files directly.
- **Bluetooth 5.0:** Connect external Bluetooth speakers or headphones for enhanced audio. The projector can also be used as a Bluetooth speaker itself.
- **Audio Out (3.5mm):** Connect wired external speakers or headphones.



*Figure 9: Overview of the projector's versatile connectivity ports, allowing connection to a wide range of devices for diverse entertainment needs.*



Figure 10: Demonstrates the Bluetooth 5.0 connectivity for audio output and wireless screen mirroring capabilities from mobile devices.

#### 4. Wireless Screen Mirroring:

Use Miracast to wirelessly mirror your Android or iOS device screen to the projector. Ensure both devices are connected to the same Wi-Fi network. Select the screen mirroring option on the projector and follow the instructions on your mobile device.

##### **Important Note:**

- Due to copyright protections (HDCP), content from streaming services like Netflix, Amazon Prime Video, and similar providers **cannot** be wirelessly mirrored directly from your phone. For these services, please use a Fire Stick, computer, or laptop connected via HDMI, or use the pre-installed apps on the projector.
- If you experience no picture but only sound when playing movies, it may be due to copyrighted content.
- If there is no sound when playing copyrighted videos (e.g., Netflix), please turn off Dolby Sound in the projector's audio settings.

#### 5. Digital Zoom:

Adjust the screen size without moving the projector using the digital zoom feature. This allows you to zoom in or out from 100% to 50% via the settings menu.

# Auto Keystone Correction



Figure 11: Illustrates the automatic keystone correction and digital zoom features, allowing for precise image adjustment and scaling.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your projector.

### 1. Dust Filter Cleaning:

It is crucial to clean the dust filter monthly. A blocked dust filter can impede cool airflow, leading to overheating and potential damage to the LCD panel. Refer to the projector's physical layout for the location of the dust filter and instructions on how to clean it.

### 2. General Care:

- Keep the projector in a clean, dust-free environment.
- Avoid exposing the projector to extreme temperatures or humidity.
- Do not block the ventilation openings.
- Clean the lens gently with a soft, lint-free cloth designed for optical surfaces.
- When not in use, cover the projector to protect it from dust.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your projector.

Problem	Possible Cause	Solution
No picture, only sound when playing movies.	Copyrighted content (HDCP protection).	Connect a Fire Stick, computer, or laptop via HDMI. Use pre-installed apps on the projector for streaming services.
No sound from copyrighted videos (e.g., Netflix).	Dolby Sound setting interference.	Turn off Dolby Sound in the projector's audio settings.
Image is blurry.	Incorrect focus adjustment.	Adjust the focus ring on the projector lens until the image is clear.
Image is trapezoidal.	Projector not perpendicular to screen.	The projector has auto keystone correction. If needed, manually adjust using 45° 4P+4D Digital Keystone in settings.
Projector overheats or shuts down.	Blocked ventilation or dust filter.	Ensure adequate ventilation. Clean the dust filter monthly.
Cannot connect to Wi-Fi.	Incorrect password or network issue.	Double-check Wi-Fi password. Restart router and projector. Ensure projector is within Wi-Fi range.

## SPECIFICATIONS

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Detailed technical specifications for the Xnano Free Style 1080p Projector.

Feature	Detail
Brand	XNANO
Model Name	Free Style 1080p Projector
Native Resolution	1920 x 1080 Pixels (Full HD)
4K Support	Yes
Brightness	6000 lm (LED), 490 ANSI Lumens
Contrast Ratio	10000:1
Display Technology	LCD
Aspect Ratio	16:9
Operating System	Android 11.0
RAM / ROM	1 GB RAM / 8 GB ROM
Wi-Fi	Dual Band WiFi 6 (2.4G & 5G)
Bluetooth	Bluetooth 5.0
Connectivity	HDMI, USB 2.0, 3.5mm Audio Out
Special Features	Auto Keystone Correction (45° 4P+4D), Digital Zoom, Wireless Screen Mirroring

Feature	Detail
Built-in Speaker	3W
Lamp Life	50,000 Hours
Max Display Size	150 inches
Product Dimensions	20 x 13 x 25 cm
Item Weight	1.5 kg
Power Source	AC

## WARRANTY AND SUPPORT

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This section outlines the warranty policy and how to obtain support for your Xnano Free Style Projector.

### Warranty Terms and Conditions:

- **1 Year Warranty:** Covers manufacturing defects, technical defects, and software defects.
- **Exclusions:**
  - No warranty for LCD panel and LCD panel burns.
  - No warranty for dust-related issues inside projectors.
  - No warranty for damage from misuse (e.g., broken, burns, physical damages).
  - No warranty for repairs conducted by third parties.
- **Maintenance Requirement:** Clean the dust filter monthly to ensure proper ventilation and prevent damage.

### Customer Support:

For any support inquiries, technical assistance, or warranty claims, please contact Sree Projectors:

**Email:** [sreeprojectors@gmail.com](mailto:sreeprojectors@gmail.com)

**WhatsApp:** 8341888860

Please provide your product model and a detailed description of the issue when contacting support.