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BOXPUT Xnano X1 AOSP

Xnano X1 AOSP Smart Projector User Manual

Model: Xnano X1 AOSP | Brand: BOXPUT

1. INTRODUCTION

Thank you for purchasing the Xnano X1 AOSP Smart 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.



Image: The Xnano X1 AOSP Smart Projector, a compact device with a lens on the front and control buttons on top.

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.
- Do not attempt to disassemble or repair the projector yourself. Contact qualified service personnel.

3. PACKAGE CONTENTS

Please check that all items are present and in good condition:

- Xnano X1 AOSP Smart Projector
- Remote Control (Voice or IR, depending on option)
- Power Cable
- HD Cable (HDMI)
- Screws (for mounting, if applicable)
- User Manual



Image: A visual representation of the Xnano X1 AOSP projector and its included accessories, such as the remote control, power cable, and HDMI cable.

4. PRODUCT OVERVIEW

4.1. Interfaces

The Xnano X1 AOSP projector features various ports for connectivity:

- **HDMI Ports:** For connecting external devices like laptops, gaming consoles, or Blu-ray players.
- **USB Ports:** For connecting USB drives, keyboards, or mice.
- **Audio Out:** For connecting external speakers or headphones.
- **Power Input:** For connecting the power adapter.



Image: A diagram illustrating the various input and output ports on the Xnano X1 AOSP projector, including HDMI, USB, and audio connections.

5. SETUP

5.1. Placement

Place the projector on a stable, flat surface. Ensure there is adequate space around the projector for ventilation. The projection distance will determine the screen size. For optimal viewing, a distance of 2.5 meters can project an 80-inch screen.

Large projection screen can be projected at close range

In 2.5m distance it can project 80 inch 1080P HD large screen. Make your living room like a private home theater!



Image: A visual guide showing recommended projection distances for various screen sizes, indicating that a 2.5m distance yields an 80-inch screen.

5.2. Power Connection

Connect the power cable to the projector's power input port, then plug the other end into a power outlet.

5.3. Initial Power On & Focus Adjustment

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

5.4. Keystone Correction

The Xnano X1 AOSP supports automatic keystone correction for side projection, with $\pm 45^\circ$ horizontal and vertical, and $\pm 15^\circ$ left and right correction. The screen will automatically be corrected regardless of how you place the projector.

Keystone correction for side projection

$\pm 45^\circ$ horizontal and vertical, $\pm 15^\circ$ left and right keystone correction. No matter how you place the projector, screen will be automatically corrected.



Image: A diagram demonstrating the automatic keystone correction feature, showing how a distorted image from an angled projector is automatically squared on the screen.

5.5. Network Connection (Wi-Fi)

Navigate to the network settings menu. Select your Wi-Fi network and enter the password. The projector supports 2.4G & 5.8G Wi-Fi (802.11ac) for faster transfer speeds.



Image: An illustration highlighting the projector's dual-band Wi-Fi capabilities (2.4G and 5.8G) and Bluetooth connectivity, indicating two transmission channels for faster data transfer.

5.6. Bluetooth Pairing

In the settings menu, find the Bluetooth option. Turn on Bluetooth and select the device you wish to pair with (e.g., Bluetooth speakers, headphones).

6. OPERATING INSTRUCTIONS

6.1. Navigation with Remote Control

Use the provided remote control to navigate the projector's interface. The remote allows for easy selection of apps, settings, and input sources. If you have the voice remote, you can use voice commands for easier control.



Image: A close-up of the projector's voice-enabled remote control, showing its buttons and microphone icon for voice commands.

6.2. Input Sources

Select the desired input source from the main menu (e.g., HDMI 1, HDMI 2, USB, or internal Android system).

6.3. Wireless Screen Casting

The projector supports multi-screen interaction, allowing you to cast content wirelessly from your mobile phone or tablet. This feature enables watching movies, playing games, making reports, or online teaching without affecting your phone's ability to perform other tasks.

Wireless Screen Casting

Support multi-screen interaction, such as watching movies, playing games, making reports, online teaching, etc. Without affecting the mobile phone to do other things when sharing video.



Image: A scene depicting wireless screen casting from various mobile devices (phone, tablet) to the projector, displaying a dinosaur image.

6.4. Audio Settings (Dolby Audio)

The projector fully supports Dolby Digital Plus, Dolby Digital, and Dolby AC3 for a surprising and shaking sound effect. Adjust audio settings in the system menu for your preferred sound experience.



Image: An illustration showing the projector's internal speakers and the Dolby Audio logo, emphasizing its support for advanced audio formats.

6.5. Android 9.0 System & 8K Decoding

The projector runs on Android 9.0 and is powered by an Amlogic T972 Quad Core A55 CPU, enabling 8K decoding. This ensures incredibly clear and smooth playback of videos and images in various formats, including H.265/HEVC.



Image: A graphic detailing the Amlogic T972 Quad Core A55 CPU and its capabilities, including 8K HDR, Android 9.0, anti-aliasing, image enhancement, sharpening, and denoising.



Support 8K decoding in different formats

REALISTIC COLORS

Incredibly clear and smooth playback of videos and images

8K
DECODING

50%

H.265 | **H.264**

H.265/HEVC

40%

H.265 takes up 40% bandwidth

85%

H.264 takes up 85% bandwidth

Image: A comparison showing the efficiency of H.265/HEVC for 8K decoding, highlighting reduced bandwidth usage compared to H.264.

7. MAINTENANCE

7.1. Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.

7.2. Cleaning the Projector Body

Wipe the exterior of the projector with a soft, dry cloth. For stubborn stains, a slightly damp cloth can be used, followed by a dry cloth.

7.3. 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 to protect it from dust.

8. TROUBLESHOOTING

8.1. No Image or Poor Image Quality

- Check power connection and ensure the projector is turned on.
- Verify the input source selection matches the connected device.
- Adjust the focus ring for clarity.
- Check keystone correction settings if the image is distorted.
- Ensure the projection surface is suitable.

8.2. No Sound

- Check the volume level on the projector and the connected device.
- Ensure external speakers (if used) are properly connected and powered on.
- Verify audio output settings in the projector's menu.

8.3. 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.
- For voice remotes, ensure it's properly paired via Bluetooth.

9. SPECIFICATIONS

Feature	Specification
Brand Name	BOXPUT
Model Number	Xnano X1 AOSP
Product Dimensions	12.09 x 4.68 x 8.78 inches
Special Features	Built-In Wi-Fi, Wireless
Connectivity Technology	HDMI
Display Resolution	1920 x 1080 (Full HD)
Maximum Display Resolution	1920 x 1080
Visible Screen Diagonal	200" / 508 cm
Operating System	Android 9.0
CPU	Amlogic T972 Quad Core A55
Video Decoding	8K Decoding (H.265/HEVC)
Audio Support	Dolby Digital Plus, Dolby Digital, Dolby AC3

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official BOXPUT website or contact their customer service. Keep your purchase receipt for warranty claims.

You can visit the BOXPUT Store for more information: [BOXPUT Official Store](#)



Image: A person sitting at a desk using a computer, symbolizing customer support and assistance.

