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› ABOOLON P6 4K Projector User Manual

ABOOLON P6

ABOOLON P6 4K Projector User Manual

Model: P6 | Brand: ABOOLON

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the ABOOLON P6 4K Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. The ABOOLON P6 is designed to deliver a high-quality visual experience with its native 1080P resolution, 4K support, and advanced connectivity features.



Figure 1.1: ABOOLON P6 4K Projector with projected image and smartphone screen mirroring.

Key features of the ABOOLON P6 Projector include:

- **Native 1080P & UHD 4K Support:** Experience crisp and detailed images with true 1920x1080P resolution, compatible with 4K content.
- **1000 ANSI Lumens Brightness:** Enjoy vibrant and clear projections even in ambient light conditions.
- **5G WiFi 6 Connectivity:** Seamless wireless screen mirroring from iOS, Android, and Windows devices with faster speeds and lower lag.
- **Bluetooth 5.1:** Connect external audio devices like headphones, Bluetooth speakers, and AirPods for enhanced sound.
- **Large Display & Flexible Correction:** Project images from 60 to 500 inches with 4D/4P keystone correction and 50-100% image zoom.
- **Multimedia Support:** Directly display Excel, Word, and PDF files via USB, and connect various devices via HDMI, USB, SD, AV, and TV inputs.

2. SETUP GUIDE

2.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the product contents are present and undamaged. If any items are missing or damaged, please contact customer support.

2.2 Placement

Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the unit to prevent overheating. For optimal projection, position the projector perpendicular to the screen or wall. The projector supports table, tripod, and ceiling installations.

2.3 Power Connection

Connect the power cord to the projector's power input and then to a suitable electrical outlet. The power indicator light will illuminate.

2.4 Connecting Devices

The ABOOLON P6 offers multiple connectivity options:

- **HDMI:** Connect Blu-ray players, gaming consoles, laptops, or streaming devices (e.g., TV Stick).
- **USB:** Insert USB drives for direct media playback or document viewing (Excel, Word, PDF).
- **VGA:** Connect older computers or laptops.
- **AV:** Use for composite video sources.
- **Audio Out (3.5mm):** Connect external speakers or headphones.
- **RJ-45:** For wired network connection.

WiFi Connection

Project the phone app's video

Project phone screen synchronously



Figure 2.1: Available input and output ports on the ABOOLON P6 Projector.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Press the power button on the projector or the remote control to turn the unit on or off. Allow a few seconds for the projector to warm up or cool down.

3.2 Focus and Keystone Correction

Adjust the focus ring on the lens until the image is clear. The ABOOLON P6 features 4D/4P digital keystone correction, allowing you to adjust vertical and horizontal angles ($\pm 50^\circ$) to achieve a perfectly rectangular image, even from an off-center projection angle.

Wireless Bluetooth 5.1
Send out bluetooth signal, connect to other speakers.
Receive bluetooth signal, become a professional speaker.

Dolby Audio
Support Dolby Speakers, you feel like in a real cinema

Haut-parleurs Bluetooth Bluetooth Earphone Earphone

Figure 3.1: Digital Keystone Correction for image alignment.

3.3 Image Zoom Function

Use the ZOOM function to adjust the image size from 50% to 100% without physically moving the projector. This feature is accessible via the projector's menu or remote control.



Figure 3.2: 500-inch large screen with 50-100% zoom function.

3.4 Wireless Connectivity (5G WiFi 6)

The projector supports 5G WiFi 6 for seamless screen mirroring from your smartphone, tablet, or laptop. Navigate to the 'WiFi' or 'Screen Mirroring' option in the projector's menu, then follow the on-screen instructions to connect your device. This allows you to project content from your phone's apps or mirror your device's screen directly.

SUPPORT 4K

10W UNRIVALED SURROUND

COLOR GAMUT UP TO 99% OF NTSC FOR OUR 5" LCD DISPLAY

6"LCD
HUAOUNUO

5.0"LCD
Others

4.0"LCD
Others

3.5"LCD
Others

Others

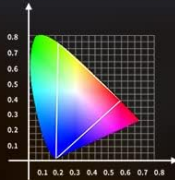





Figure 3.3: Wireless WiFi Connection for screen mirroring.

3.5 Bluetooth Audio Connection

Utilize the built-in Bluetooth 5.1 to connect external audio devices such as Bluetooth headsets, speakers, or AirPods. This provides a more immersive audio experience. Access the Bluetooth settings in the projector's menu to pair your devices.



Figure 3.4: Wireless Bluetooth 5.1 connectivity for audio.

3.6 Presentation via USB

The ABOOLON P6 supports direct display of Microsoft Office (Excel, Word) and PDF documents from a USB drive, making it convenient for business and educational presentations without needing a connected computer.



Figure 3.5: Convenient for Business and Education Via USB.

3.7 Official Product Video

Your browser does not support the video tag.

Video 3.1: This video demonstrates the ABOOLON P6 projector's features, including its brightness, sound quality, keystone correction, and wireless connectivity options. It highlights the projector's performance in various lighting conditions and its ability to mirror content from mobile devices.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ABOOLON P6 Projector.

4.1 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.

4.2 Dust Protection (Sealed Optical Engine)

The ABOOLON P6 features a sealed optical engine design, which helps protect the LCD screen from dust and blemishes, reducing the need for frequent internal cleaning and extending the projector's lifespan.



Figure 4.1: Sealed Optical Engine for Dust Protection.

4.3 General Cleaning

Wipe the exterior of the projector with a soft, dry cloth. Do not use liquid or aerosol cleaners directly on the unit.

4.4 Storage

When not in use for extended periods, store the projector in a cool, dry place, ideally in its original packaging or a protective case, to prevent dust accumulation and potential damage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ABOOLON P6 Projector. For more complex problems, please contact customer support.

5.1 No Image or "No Signal" Message

- Ensure the projector is powered on and the power indicator light is active.
- Check all cable connections (HDMI, VGA, AV, etc.) to ensure they are secure and correctly inserted into both the projector and the source device.
- Verify that the correct input source is selected on the projector. Use the 'Source' button on the remote or projector to cycle through inputs.
- If using wireless screen mirroring, ensure both the projector and your device are connected to the same WiFi network and the mirroring function is activated on both ends.

5.2 Blurry Image

- Adjust the focus ring on the projector lens until the image is sharp.
- Ensure the projection distance is within the recommended range for the desired screen size.
- Use the keystone correction feature to adjust the image shape if it appears distorted (trapezoidal).

5.3 No Sound or Low Volume

- Check the volume settings on both the projector and the connected source device.
- If using external speakers via Bluetooth or audio out, ensure they are properly connected and powered on.
- Verify that the audio output settings on your source device are configured correctly.
- Ensure the projector's internal speakers are not muted.

5.4 Remote Control Not Working

- Check and replace the batteries in the remote control.
- Ensure there are no obstructions between the remote control and the projector's IR receiver.

5.5 Overheating Warning

- Ensure the projector's ventilation vents are not blocked.
- Allow sufficient space around the projector for airflow.
- Turn off the projector and let it cool down for at least 30 minutes before restarting.

6. SPECIFICATIONS

Feature	Detail
Brand	ABOOLON
Model Number	P6
Display Resolution	Native 1920 x 1080 (Supports 4K UHD)
Brightness	1000 ANSI Lumens
Connectivity Technology	HDMI, USB, VGA, AV, RJ-45, 5G WiFi 6, Bluetooth 5.1
Projection Size	60-500 inches
Keystone Correction	4D/4P Digital Keystone (Vertical and Horizontal ±50°)
Zoom Function	50% to 100%
Speaker Type	Built-In Dual Stereo Speakers (10W HiFi with SRS)

Feature	Detail
Special Features	Sealed Optical Engine, PPT/Excel/Word/PDF via USB, Supports Table/Tripod/Ceiling Installation
Item Weight	6.8 pounds
Product Dimensions	10.6 x 9 x 4.7 inches

7. WARRANTY AND SUPPORT

ABOOLON products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card included with your product or visit the official ABOOLON website.

If you encounter any issues or have questions regarding your ABOOLON P6 Projector, please contact our customer support team. Provide your model number and a detailed description of the issue for prompt assistance.

Customer Support Contact: Please refer to your product packaging or the ABOOLON official website for the most up-to-date contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question