pericat PT01

Pericat PT01 5G WiFi Bluetooth Projector User Manual

Model: PT01
Brand: pericat

Introduction

Thank you for purchasing the Pericat PT01 5G WiFi Bluetooth Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: Pericat PT01 Projector - Front View

The Pericat PT01 is designed to deliver a high-quality visual experience with its native 1080P resolution, 4K support, and advanced connectivity options. Its compact design makes it suitable for various environments, from home theaters to outdoor movie nights.

What's in the Box

Please check the package contents upon opening to ensure all items are present:

- PT01 Projector x 1
- HDMI Cable x 1
- AV Cable x 1

- AC Power Cable x 1
- Remote Control x 1
- Instruction Manual x 1

Product Features

- **Upgraded Native 1080P & 4K Support:** Delivers clear and vivid pictures with native 1920x1080P resolution and 4K support, 15000:1 contrast ratio, and 380ANSI brightness. Features upgraded high-quality projection lenses for eye protection.
- **2.4G/5G Dual Band WiFi & Bluetooth Connection:** Equipped with the latest dual-band 2.4G/5G WiFi for stable signal and fast transmission. Bluetooth 5.3 allows connection to external Bluetooth speakers and headphones.
- **Large Display & Hi-Fi Built-in Speakers:** Offers a display size from 50 to 200 inches with 4:3/16:9 aspect ratio. Features 15° keystone correction and built-in dual stereo speakers with HiFi system for quality sound.
- **Wide Compatibility:** Equipped with HDMI, AV, USB, and 3.5mm headphone ports. Compatible with TV Stick/Box, PS3/4/5, PCs, Smartphones, Tablets, Laptops, DVD players, and External Speakers.

Setup

1. Placement

Place the projector on a stable, flat surface. Ensure adequate ventilation around the unit. The projector can be installed in various ways:

- **Table Placement:** Position on a table or flat surface in front of the projection area.
- **Tripod Installation:** Use the threaded hole on the bottom to mount the projector on a tripod.
- **Ceiling Mount:** The projector can be inverted and mounted to the ceiling (mounting hardware not included).

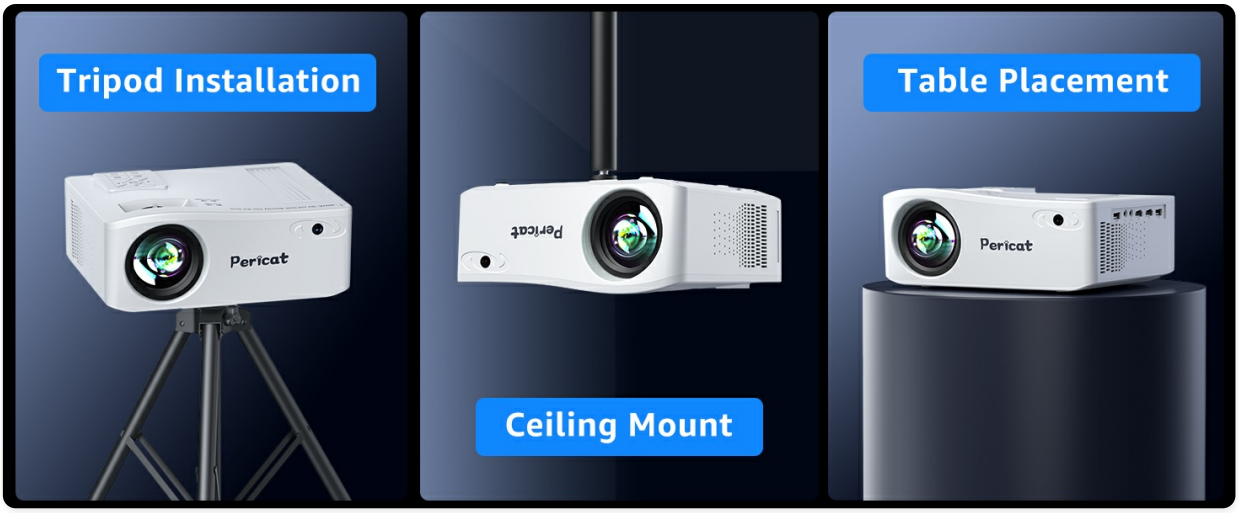


Figure 2: Flexible Installation Options

2. Power Connection

Connect the supplied AC Power Cable to the projector's power port and then to a power outlet.

3. Connecting Devices

The PT01 projector offers multiple input ports for various devices:

- **HDMI:** Connect TV sticks, gaming consoles (PS3/4/5), laptops, or PCs using the HDMI cable.
- **USB:** Insert USB drives for media playback.
- **AV:** Use the AV cable to connect older devices like DVD players.
- **3.5mm Headphone Jack:** Connect external speakers or headphones for enhanced audio.



Figure 3: Widely Compatible Projector with Multiple Ports



Figure 4: Detailed View of Projector Ports

Operating Instructions

1. Power On/Off

Press the power button on the projector or remote control to turn the unit on or off.

2. Focus and Keystone Correction

Adjust the focus ring and keystone correction dial on top of the projector to achieve a clear and rectangular image.



Figure 5: Adjusting Keystone and Display Size

3. Source Selection

Use the remote control or the buttons on the projector to navigate the on-screen menu and select your desired input source (HDMI1, HDMI2, AV, USB, Screen Mirroring).

4. Screen Mirroring (WiFi)

Connect your smartphone or tablet wirelessly via 2.4G or 5G WiFi for screen mirroring. Ensure both your device and the projector are connected to the same WiFi network.



Figure 6: 5G+2.4G WiFi Connection for Screen Mirroring



Figure 7: Stable WiFi Connection for Wireless Mirroring

5. Bluetooth Audio Output

Pair your Bluetooth speakers or headphones with the projector for a more immersive audio experience.



Figure 8: Bluetooth 5.3 for Enhanced Sound



Figure 9: Built-in HiFi Speaker and Bluetooth Connectivity

6. Zoom Function

Adjust the image size from 50% to 100% using the zoom function in the settings menu.

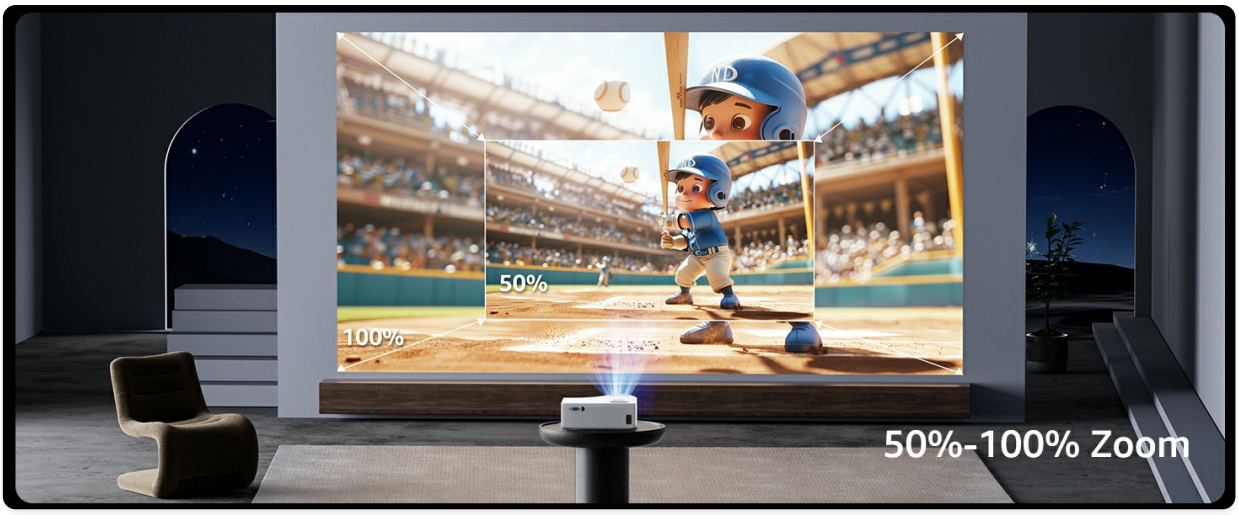


Figure 10: 50%-100% Zoom Adjustment

7. Usage Scenarios

The PT01 projector is versatile for various uses:

- Home Theater
- Outdoor Movie Nights
- Gaming
- Office Presentations



Figure 11: Perfect for Various Activities

Video 1: HD Home Theater Projector - Official Pericat Store video showcasing the projector's capabilities for home entertainment.

Video 2: Outdoor Movie Projector - Official Pericat Store video highlighting the projector's suitability for outdoor use.

Maintenance

Proper maintenance ensures the longevity and performance of your projector:

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to clean the projector lens. Avoid abrasive materials.
- **Ventilation:** Ensure that nothing blocks the air inlet and air outlet when using the projector. This helps prevent overheating and the formation of black spots on the screen.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Here are some common issues and tips for resolution:

- **No Picture/Mirroring Issues with Streaming Apps (Netflix, Prime Video, Disney+, Hulu):** Due to copyright protection, videos from these platforms are not supported for direct screen mirroring from a smartphone. You must connect a TV stick (e.g., Fire TV Stick) to the projector to play content from these services.
- **WiFi Connection Issues:** Ensure both your smart device and the projector are connected to the exact same WiFi

network (e.g., both on 2.4G or both on 5G, not one on each).

- **Poor Image Quality:** For the best performance, it is recommended to use the projector in a dark environment. Adjust the focus and keystone correction dials.
- **Black Spots on Screen:** This can be caused by overheating. Ensure that nothing blocks the air inlet and air outlet of the projector during operation.

Specifications

Feature	Detail
Brand Name	pericat
Model Number	PT01
Item Weight	3 pounds
Product Dimensions	8.85 x 7.28 x 2.95 inches
Color Name	WHITE5
Display Resolution	1920 x 1080 (Native 1080P)
4K Support	Yes
Brightness	380ANSI
Contrast Ratio	15000:1
Connectivity Technology	WiFi (2.4G/5G Dual Band), Bluetooth (5.3), HDMI, USB, AV, 3.5mm Headphone Jack
Speaker Type	Built-In Dual Stereo Speakers with HiFi System
Keystone Correction	15°
Zoom Function	50%-100%
Recommended Uses	Family Party, Home Cinema, Outdoor, Indoor, Gaming, Birthday Party, Meeting Solution

Warranty and Support

All Pericat projectors come with a **3-year warranty**. We are committed to providing excellent customer service and offer **lifetime technical support** and **24/7 hour professional customer service** to assist you with any questions or issues you may encounter.
For support, please refer to the contact information provided in your product packaging or on the official Pericat website.