pericat K12

Pericat K12 Mini Projector User Manual

Model: K12

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Pericat K12 Mini Projector. Please read this manual thoroughly before using the projector to ensure optimal performance and longevity.

Image: Front view of the Pericat K12 Mini Projector, showcasing its compact, cylindrical design with the lens and ventilation on the front, and a rotatable stand at the base.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Projector Main Unit
- Remote Control
- AC Power Adapter
- Power Cord
- HDMI Cable
- Projector Lens Cover
- User Manual (this document)

SETUP GUIDE

1. Placement

Position the projector on a stable, flat surface. The unique 210° rotatable stand allows for flexible projection angles, including ceiling projection. Ensure there is adequate ventilation around the projector.

Image: The Pericat K12 Mini Projector positioned on a table, projecting an image onto a wall, demonstrating its 210-degree rotatable stand and auto vertical keystone correction feature.

2. Power Connection

1. Connect the AC Power Adapter to the projector's power input port.
2. Plug the power cord into a standard electrical outlet.
3. Press the power button on the projector or remote control to turn on the device.

3. Focus and Keystone Correction

The projector features auto vertical keystone correction (±15°) and manual focus for a clear image.

- **Auto Vertical Keystone Correction:** The projector will automatically adjust vertical distortion.
- **Manual Focus:** Rotate the focus ring near the lens until the image appears sharp and clear.

Image: A visual representation of the Pericat K12 Mini Projector's projection capabilities, showing adjustable screen sizes from 50 to 200 inches at various distances, along with an inset demonstrating the keystone correction feature.

OPERATING INSTRUCTIONS

1. Connectivity Options

The Pericat K12 Mini Projector offers versatile connectivity:

- **HDMI:** Connect TV Sticks, XBox, PS3/4/5, PCs, Laptops, and DVD players.
- **USB:** For media playback from USB drives.
- **3.5mm Headphone Jack:** For external audio devices.
- **Wi-Fi (6G):** Supports wireless screen mirroring for iOS, Android, and Windows devices.
- **Bluetooth (5.3):** Connect to external Bluetooth speakers or headphones.

Image: An illustration detailing the wide compatibility of the Pericat K12 Mini Projector, showing various input options like HDMI, USB, and earphone jack, and devices such as smartphones, TV sticks, laptops, and gaming consoles that can connect to it.

2. Screen Mirroring (Wi-Fi)

To mirror your smartphone, tablet, or laptop screen wirelessly:

1. Ensure both your device and the projector are connected to the same Wi-Fi network.
2. Select the screen mirroring function on the projector's menu.
3. Follow the on-screen instructions to connect your specific device (iOS, Android, or Windows).

Note: Due to copyright restrictions, streaming content from apps like Netflix, Hulu, and Prime Video cannot be mirrored directly from your phone. For these services, please use a TV Stick or connect the projector to a PC/laptop via HDMI cable.

Image: A comparison graphic illustrating the benefits of using a TV Stick with the Pericat K12 Projector for streaming services, contrasting it with other projectors that might use pirated Android systems and have compatibility issues.

3. Bluetooth Audio Connection

To connect to external Bluetooth speakers or headphones:

1. Enable Bluetooth on your external audio device and set it to pairing mode.
2. On the projector, navigate to the Bluetooth settings menu.
3. Select your audio device from the list of available devices to pair.

Image: A scene depicting the Pericat K12 Mini Projector in use, with a person playing a piano on screen, and sound waves emanating from the projector to external Bluetooth speakers, highlighting its Bluetooth 5.3 audio capabilities.

MAINTENANCE

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.

2. Ventilation

Ensure that the air inlet and air outlet vents are not blocked during operation. This prevents overheating and maintains optimal performance. Regularly check for dust accumulation and gently clean the vents if necessary.

Image: An illustration showing the Pericat K12 Mini Projector with arrows indicating airflow for noise reduction, emphasizing its fan noise reduction technology which reduces noise by 80%.

3. Storage

When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided lens cover to protect the lens from dust and scratches.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power not connected; Input source incorrect; Lens cap on.	Check power connection; Select correct input source (HDMI, USB, etc.); Remove lens cap.
Image blurry	Out of focus; Incorrect projection distance.	Adjust manual focus ring; Adjust projector distance to screen.
No sound	Volume too low; Muted; External audio device not connected properly.	Increase volume; Unmute; Check audio cable connections or Bluetooth pairing.
Cannot mirror streaming apps (Netflix, Prime Video)	Copyright restrictions.	Use a TV Stick (e.g., Fire TV Stick) or connect via HDMI to a PC/laptop.
Projector overheating	Blocked ventilation.	Ensure air inlets and outlets are clear; Operate in a well-ventilated area.

SPECIFICATIONS

Feature	Detail
Brand	Pericat
Model	K12
Display Resolution	Native 1920 x 1080 (Full HD)
Contrast Ratio	20,000:1

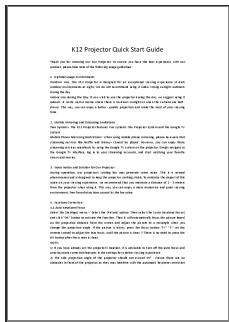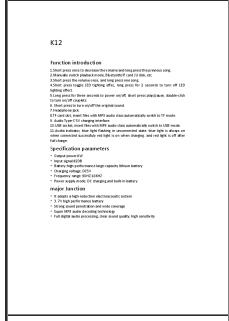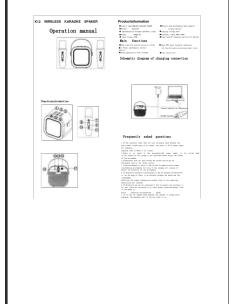| Feature	Detail
Connectivity Technology	3.5mm Jack, Bluetooth 5.3, HDMI, USB, Wi-Fi 6 (2.4G+5G)
Special Features	Auto Vertical Keystone Correction, Built-In Speaker, Built-In Wi-Fi, Portable, 210° Rotatable Stand
Item Weight	1.6 pounds
Product Dimensions	4.72 x 6.69 x 4.72 inches
Recommended Uses	Business, Education, Gaming, Home Cinema

WARRANTY AND SUPPORT

Pericat is committed to providing high-quality products and excellent customer service. Your K12 Mini Projector comes with comprehensive support:

- **Lifetime Service Warranty:** We are dedicated to improving product quality and service.
- **24/7 Customer Service:** If you encounter any problems, please contact our customer service team for assistance.
- **30-Day Return Policy:** Enjoy a 30-day no-reason return policy.
- **1-Year Free Replacement:** A 1-year free replacement policy is provided.

For support, please refer to the contact information provided on the product packaging or the official Pericat website.

Image: A graphic summarizing Pericat's customer support: 24 Hours quick service, 30 Days no reason return policy, 1 Year free replacement, and Lifetime support.

Related Documents

[K12 Projector Quick Start Guide](#)

A quick start guide for the K12 Projector, covering optimal usage environments, mobile mirroring and streaming limitations, noise notice, keystone correction, and frequently asked questions.

[K12 Wireless Karaoke Speaker Operation Manual](#)

Operation manual for the K12 Wireless Karaoke Speaker, detailing product information, functions, charging, and troubleshooting.

[K12 Wireless Speaker User Manual and Specifications](#)

Detailed user manual and technical specifications for the K12 wireless speaker, covering function introduction, major features, and FCC compliance information.

[K12 Wireless Karaoke Speaker Operation Manual](#)

User manual for the K12 Wireless Karaoke Speaker, detailing product information, functions, charging, troubleshooting, and warranty terms. Features high-quality audio, Bluetooth connectivity, and microphone support.