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POYANK TP-01

POYANK TP-01 Projector User Manual

Portable Movie Projector with Wireless Mirroring

Introduction

Thank you for choosing the POYANK TP-01 Projector. This portable movie projector is designed to provide an immersive home theater experience with its advanced features, including WiFi connectivity and broad compatibility. This manual will guide you through the setup, operation, and maintenance of your new projector to ensure optimal performance and enjoyment.

What's in the Box



The image displays the POYANK projector along with its included accessories: a user manual, remote control, AV cable, and HDMI cable. These items are essential for setting up and operating the projector.

- 1 x POYANK Projector
- 1 x HDMI Cable
- 1 x Remote Control (Batteries not included)
- 1 x Power Cable
- 1 x AV Cable
- 1 x Instruction Manual

Product Overview and Features

The POYANK TP-01 projector offers a range of features designed for a versatile viewing experience.

Key Features:

- **Enhanced Brightness and Resolution:** Features 7500Lux brightness and native 720P resolution, supporting up to 1080P, for clear and vibrant images.
- **Easy WiFi Connectivity:** Seamlessly connects to iOS and Android devices via WiFi for wireless mirroring, eliminating the need for extra cables.
- **Broad Multimedia Compatibility:** Equipped with HDMI, USB, VGA, and AV ports, compatible with TV sticks, Chromecast, smartphones, laptops, tablets, PCs, Blue-ray DVD players, USB flash drives, and gaming consoles like PS4.
- **Integrated Audio System:** Built-in HIFI stereo speakers provide clear sound. A 3.5mm mini jack output allows for connection to external speakers for enhanced audio.
- **Efficient Cooling System:** An upgraded cooling fan system ensures quieter operation compared to many other projectors.
- **Portable Design:** Weighing only 3.23 pounds, this lightweight projector is easy to transport for indoor or outdoor use.



The main product image shows the POYANK projector in action, projecting a movie onto a large screen, with a smartphone wirelessly connected and mirroring its display. This highlights the projector's primary function and wireless capabilities.



This image illustrates the superior brightness and contrast of the POYANK projector, comparing its 7500 Lumens and 8000:1 contrast ratio to other projectors with lower specifications, emphasizing visual quality.



The image details the technical specifications of the projector's light source and display, including its 3800:1 contrast ratio, 7500 Lumens brightness, and an impressive 50,000-hour LED lamp life, indicating durability and performance.



This diagram demonstrates the flexibility of the projector's throw distance, showing how different screen sizes (32 inches, 70 inches, 120 inches) can be achieved by adjusting the projector's distance from the projection surface (1 meter, 2 meters, 3.5 meters respectively).

Setup

Follow these steps to set up your POYANK TP-01 Projector:

1. **Placement:** Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the unit. For optimal viewing, position the projector directly in front of your projection surface (wall or screen).
2. **Power Connection:** Connect the power cable to the projector's power input and then to a power outlet.
3. **Initial Power On:** Press the power button on the projector or the remote control to turn on the device.
4. **Focus Adjustment:** Use the FOCUS ring on the projector lens to sharpen the image until it is clear and legible.
5. **Keystone Correction:** If the image appears trapezoidal, use the KEYSTONE correction dial to adjust the image shape until it is rectangular.

Operating Instructions

Connecting Devices:



This image illustrates the wide range of devices compatible with the POYANK projector, such as gaming consoles, laptops, and DVD players, and how they can be connected using various input ports like HDMI, USB, VGA, AV, and AUX.



A detailed view of the projector's connectivity options, including HDMI, USB, VGA, AV, and TF card slots. It also shows popular streaming devices like TV Stick, Roku Stick, and Chromecast, indicating their compatibility for accessing various content platforms.

- **HDMI Connection:** Connect your TV stick, laptop, gaming console (e.g., PS4), or Blue-ray DVD player to the projector's HDMI port using the provided HDMI cable. Select the corresponding HDMI input source on the projector.
- **USB Connection:** Insert a USB flash drive into the USB port to play media files directly.
- **AV Connection:** Use the AV cable to connect older devices like DVD players.
- **VGA Connection:** Connect a PC or laptop using a VGA cable.

Wireless Mirroring (WiFi Connection):



This image demonstrates the seamless iOS and Android Wi-Fi connection feature, where a smartphone's screen is wirelessly mirrored onto the projector's display, allowing for easy content sharing without physical cables.



The image contrasts two connection methods: a USB wired connection on the left and a Wi-Fi wireless connection on the right, both demonstrating how mobile devices can display content through the projector.

The POYANK projector supports wireless mirroring for iOS and Android devices. This feature simplifies content sharing from your smartphone or tablet.

1. Ensure your projector and mobile device are connected to the same WiFi network.
2. On the projector's main menu, select the 'Screen Mirroring' or 'WiFi Display' option.
3. For iOS devices, open Control Center and tap 'Screen Mirroring' or 'AirPlay Mirroring', then select the projector from the list.
4. For Android devices, enable 'Wireless Display', 'Multi-screen', or 'Smart View' (names may vary by device) in your settings, then select the projector.

Audio Output:

The projector has built-in stereo speakers. For a more immersive audio experience, you can connect external speakers:

- Connect external speakers to the projector's 3.5mm mini jack output.
- Adjust the volume using the projector's remote control or the buttons on the unit.

Maintenance

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

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid abrasive materials or harsh chemicals.
- **Ventilation:** Ensure the projector's ventilation vents are clear of obstructions to prevent overheating. Do not block the airflow.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Dust Removal:** Periodically use a can of compressed air to gently blow dust from the vents and around the lens area.



The image highlights the projector's silent cooling system, showing a child and a dog sleeping undisturbed next to the device, emphasizing its low noise operation for a comfortable viewing environment.

Troubleshooting

If you encounter issues with your POYANK TP-01 Projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Incorrect input source selected; loose cable connection; device not powered on.	Verify the input source matches the connected device. Check all cable connections. Ensure the connected device is powered on.
Blurry image	Out of focus; incorrect keystone adjustment.	Adjust the FOCUS ring until the image is sharp. Use the KEYSTONE dial to correct trapezoidal distortion.
No sound	Volume too low; external speakers not connected properly; audio format not supported.	Increase the volume. Check external speaker connections. Ensure the media's audio format is supported by the projector.
WiFi mirroring issues	Network instability; device compatibility; incorrect mirroring steps.	Ensure both devices are on the same stable WiFi network. Restart both the projector and the mobile device. Follow the wireless mirroring steps carefully.

Specifications

Feature	Specification
Brand	POYANK
Model Number	TP-01
Item Weight	3.39 pounds
Package Dimensions	10 x 9.8 x 4.69 inches

Feature	Specification
Special Features	Wireless, Portable, Built-In Wi-Fi
Speaker Type	Stereo
Connectivity Technology	Wireless
Display Resolution (Native)	1280 x 720 Pixels
Display Resolution (Maximum)	1920 x 1080 Pixels
Brightness	7500 Lux
LED Lamp Life	50,000 Hours

Warranty and Support

POYANK is committed to providing excellent customer service. If you have any issues or questions regarding your projector, please do not hesitate to contact our customer support team. Your understanding and satisfaction are highly valued.
For support, please refer to the contact information provided in your product packaging or on the official POYANK website.

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