BenQ TK800M

BenQ TK800M 4K UHD Home Theater Projector Instruction Manual

Model: TK800M | Brand: BenQ

1. INTRODUCTION

Welcome to the instruction manual for your BenQ TK800M 4K UHD Home Theater Projector. This projector is designed to deliver an immersive viewing experience with stunning 4K UHD image quality, HDR, and HLG support. With 3000 lumens of brightness, it's suitable for various lighting conditions, making it ideal for enjoying movies, sports, and gaming.

This manual provides essential information on setting up, operating, maintaining, and troubleshooting your projector to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- Always place the projector on a stable, level surface to prevent damage or injury.

- Do not block ventilation openings. Ensure adequate airflow around the projector to prevent overheating.

- Avoid looking directly into the projector lens when the lamp is on, as the intense light can harm your eyes.

- Keep the projector away from water, moisture, and extreme temperatures.

- Use only the power cord supplied with the projector.

- Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Please check that all items are included in your package:

- BenQ TK800M Projector

- Remote Control

- Power Cord
- User Manual (this document)
- Quick Start Guide
- Lens Cover

4. PRODUCT OVERVIEW

Familiarize yourself with the various components and connection ports of your BenQ TK800M projector.

This image displays the rear panel of the BenQ TK800M projector, highlighting its connectivity options including HDMI, VGA, audio in/out, USB, and RS-232 ports.

Connectivity Ports:

- **HDMI (HDMI 1, HDMI 2):** For connecting high-definition sources like Blu-ray players, gaming consoles, and streaming devices.
- **PC (VGA):** For connecting computers or laptops.
- **Audio In/Out (3.5mm Mini Jack):** For connecting external audio devices or outputting audio to external

speakers.

- **USB (Type-A, Mini-B):** USB Type-A for power output, Mini-B for service.
- **RS-232 (DE-9/DB-9):** For control system integration.
- **12V Trigger:** For synchronized control of external devices like motorized screens.

5. SETUP

5.1 Placement

Optimal projector placement is crucial for the best viewing experience. Consider the following:

- **Screen Size & Throw Distance:** The distance between the projector and the screen determines the image size. Refer to the throw distance calculator on the BenQ website for precise measurements.
- **Keystone Correction:** Use the keystone adjustment feature to correct trapezoidal images if the projector is not perfectly perpendicular to the screen.
- **Optical Zoom:** The projector features optical zoom for fine-tuning image size without moving the projector.

5.2 Connections

Connect your video and audio sources to the appropriate ports on the projector. Ensure all cables are securely connected.

- **HDMI:** Connect your HDMI cable from your source device (e.g., Blu-ray player, game console) to either HDMI 1 or HDMI 2 on the projector.
- **VGA:** Connect a VGA cable from your computer's VGA output to the PC port on the projector.
- **Audio:** For external audio, connect a 3.5mm audio cable from your source to the Audio In port, or from the Audio Out port to external speakers.

5.3 Mounting

The BenQ TK800M can be ceiling-mounted. Ensure you use a compatible projector mount and follow the mount manufacturer's instructions for secure installation. The projector's menu allows you to adjust the image orientation for ceiling installations.

Official product video showcasing the BenQ TK800M 4K UHD HDR Home Theater Projector's features and capabilities, including its 8.3 million pixels, 3000 lumens, 3D support, keystone correction, and HDMI connectivity.

6. OPERATING

6.1 Power On/Off

- **Power On:** Press the power button on the projector or the remote control. The power indicator light will turn on.
- **Power Off:** Press the power button twice. The projector will enter a cooling down phase before completely shutting off. Do not unplug the projector during this phase.

6.2 Menu Navigation

Use the Menu button on the remote or projector to access the on-screen display (OSD) menu. Navigate using the arrow keys and press Enter to select options.

6.3 Picture Adjustments

- **Focus:** Rotate the focus ring on the lens to achieve a sharp image.

- **Zoom:** Adjust the zoom ring on the lens to change the image size.

- **Keystone:** Use the keystone correction feature (digital or manual, depending on model) to square the image if it appears trapezoidal.

- **Color Modes:** Select from various preset color modes (e.g., Cinema, Sport, Vivid) or customize settings like brightness, contrast, and color temperature to suit your viewing preference.

6.4 Audio Settings

The projector includes a built-in speaker. You can adjust the volume using the remote control. For a more immersive audio experience, connect external speakers to the Audio Out port.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your projector.

7.1 Lens Care

- Use a soft, lint-free cloth and a specialized lens cleaning solution to gently wipe the lens.

- Avoid abrasive cleaners or excessive pressure, which can scratch the lens.

7.2 Air Filter Cleaning

Clean the air filter regularly to prevent dust buildup, which can lead to overheating and reduced performance. Refer to the Quick Start Guide for specific instructions on accessing and cleaning the air filter.

7.3 Lamp Replacement

The projector uses a high-performance lamp. When the lamp life is nearing its end, a warning message will appear on the screen. Replace the lamp with an original BenQ replacement lamp to ensure continued optimal performance. Follow the instructions in the Quick Start Guide for safe lamp replacement.

8. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common troubleshooting tips:

- **No Image:** Check all cable connections (HDMI, VGA). Ensure the correct input source is selected on the projector. Verify the power cord is securely connected.

- **Distorted Image:** Adjust focus and zoom. Use keystone correction to fix trapezoidal images. Ensure the projector is placed on a stable surface.

- **No Audio:** Check audio cable connections. Adjust the volume on the projector and your source device. Ensure the audio output is not muted.

- **Remote Control Not Responding:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the projector's IR receiver.

For more detailed troubleshooting, please consult the comprehensive User Manual or contact BenQ customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	BenQ
Model Number	TK800M
Display Resolution	4096 x 2160 (4K UHD)
Item Weight	9.2 pounds
Product Dimensions	10.7 x 13.9 x 5.3 inches
Color Name	White/Blue
Special Feature	Portable
Connectivity Technology	2 x HDMI, 1 x VGA, Audio In/Out, 1 x USB 2.0 (Type-A), 1 x USB 2.0 (Mini-USB), 1 x RS-232, 1 x 12V Trigger

10. WARRANTY AND SUPPORT

Your BenQ TK800M projector comes with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official BenQ website for detailed terms and conditions.

For technical assistance, product inquiries, or support, please contact BenQ customer service through their official website or the contact information provided in your Quick Start Guide.