

## TOPTRO TR23

# TOPTRO TR23 Mini Portable Projector User Manual

Model: TR23 | Brand: TOPTRO

## INTRODUCTION

Thank you for choosing the TOPTRO TR23 Mini Portable Projector. This manual provides essential information for setting up, operating, and maintaining your projector. The TR23 is designed to deliver a Full HD 1080P viewing experience with 18000 lumens brightness, featuring advanced 4P/4D keystone correction, electric focus, and versatile connectivity options including WiFi 6 and Bluetooth 5.2. Its sealed optical engine ensures dust protection and quiet operation, making it an ideal choice for home theater and various multimedia applications.

## SAFETY INFORMATION

- Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- Ensure proper ventilation around the projector. Do not block ventilation openings.
- Use only the power adapter supplied with the projector.
- Keep the projector away from water or other liquids. Do not operate in humid environments.
- Avoid placing the projector on unstable surfaces.
- Unplug the projector from the power outlet during lightning storms or when unused for long periods.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.

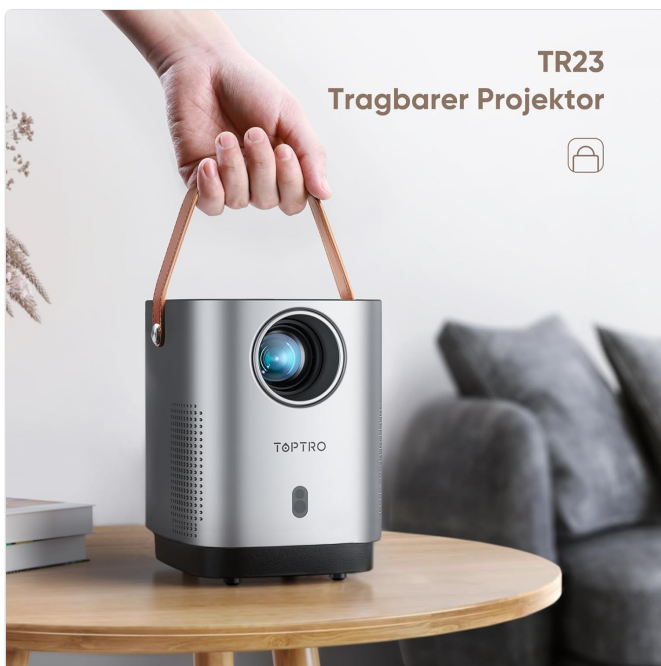
## WHAT'S IN THE BOX

- TOPTRO TR23 Mini Beamer 1080P Full HD WiFi Bluetooth (x1)
- Remote Control (x1) (Batteries not included)
- User Manual (x1)
- Power Cable (x1)
- HDMI Cable (x1)
- Cleaning Cloth (x1)

## PRODUCT OVERVIEW



Front view of the TOPTRO TR23 Mini Portable Projector, showcasing its compact design and lens.



The TOPTRO TR23 Portable Projector with its integrated handle, highlighting its portability.

## Key Features

- **4P/4D Keystone Correction:** Allows for flexible adjustment of the projected image into a clear rectangle from various angles (front, side, ceiling).
- **Electric Focus:** Easily adjust focus by clicking the 'F' button on the remote control for clear videos and images.
- **WiFi 6 & Bluetooth 5.2:** Faster and more stable wireless transmission for screen mirroring from Android and iPhone devices, and connecting Bluetooth headphones/speakers/AirPods.
- **Fully Sealed Optical Engine:** Unique craftsmanship designed to reduce dust ingress, screen yellowing, black spots, and noise, contributing to a longer lifespan.
- **Extensive Interfaces:** Equipped with HDMI, USB, and 3.5mm headphone jack for connecting TV devices, TV boxes, Chromecast, laptops, PCs, tablets, USB flash drives, PS5, and external speakers.

## SETUP

---

### 1. Placement

For optimal projection quality, it is recommended to use the projector in a dark environment. Position the projector on a stable, flat surface. The projector features a metal thread on the bottom for tripod or ceiling/wall mounting.

### 2. Power Connection

Connect the supplied power cable to the projector's power input and then to a wall outlet. The projector does not have a built-in battery and requires continuous power.

### 3. Initial Focus and Keystone Correction



Comparison illustrating the ease of electric focus on the TR23 versus manual focus on older versions.



Diagram showing various keystone correction methods including 4-point, horizontal, and vertical adjustments.

- **Electric Focus:** Use the 'F+' or 'F-' buttons on the remote control to achieve a sharp image.
- **4P/4D Keystone Correction:** If the image appears distorted (trapezoidal), use the keystone correction settings in the projector menu to adjust the image corners or sides until it forms a perfect rectangle.

## OPERATING INSTRUCTIONS

---

### 1. Power On/Off

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

### 2. Connecting Devices

The TR23 offers multiple connectivity options:

- **HDMI:** Connect TV sticks, TV boxes, Chromecast, laptops, PCs, or gaming consoles (e.g., PS5) using an HDMI cable.
- **USB:** Insert USB flash drives for direct media playback. The USB port can also power devices like an Amazon TV Stick.
- **3.5mm Audio Jack:** Connect external wired speakers or headphones.
- **Wireless Screen Mirroring (WiFi 6):**



Illustration of the TR23's WiFi 6 capability for faster and more stable wireless screen mirroring compared to WiFi 5.

- Navigate to the screen mirroring option in the projector's menu.
- For Android and iPhone devices, connect your smartphone to the same WiFi network as the projector.
- Select the projector from your device's screen mirroring/cast options.
- **Important Note:** Due to HDCP copyright issues, streaming services like Netflix, Amazon Prime, and Disney+ cannot be played via mirrored screens from smartphones. To watch content from these services, you must connect a TV stick (e.g., Amazon Fire TV Stick) to the projector's HDMI port.

- **Bluetooth 5.2:**



# Schockierender Stereo-Sound



The projector's stereo sound capabilities, emphasizing clear highs and deep bass, and its ability to connect to external Bluetooth speakers.

- Go to the Bluetooth settings in the projector's menu.
- Enable Bluetooth on your headphones or external speaker and put them in pairing mode.
- Select your device from the list on the projector's screen to connect.
- **Note:** The projector does not support Dolby audio.

## 3. Zoom Function

The zoom function allows you to adjust the image size from 100% down to 50% using the remote control, without moving the projector. This is particularly useful when the projector is ceiling-mounted or in a fixed position.

## MAINTENANCE

---

### 1. Cleaning the Lens

Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.



Internal view of the projector highlighting the fully sealed optical unit designed to prevent dust accumulation and improve heat dissipation.

The TR23 features a fully sealed optical engine designed to effectively reduce dust ingress, which helps prevent screen yellowing and black spots, and contributes to a longer product lifespan. While the design minimizes dust issues, regular cleaning of the exterior and ensuring a dust-free environment will further enhance performance.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Remote control not working.	<ul style="list-style-type: none"><li>◦ Ensure batteries are correctly inserted and not depleted.</li><li>◦ If the remote is faulty, contact customer support for a replacement. You can connect a USB mouse to the projector for temporary control.</li></ul>

Problem	Possible Cause / Solution
---------	---------------------------

Cannot play Netflix/Amazon Prime/Disney+ from smartphone screen mirroring.	<ul style="list-style-type: none"><li>◦ This is due to HDCP copyright protection.</li><li>◦ Connect a TV stick (e.g., Amazon Fire TV Stick) to the projector's HDMI port to access these streaming services.</li></ul>
No sound or poor sound quality.	<ul style="list-style-type: none"><li>◦ Check volume settings on both the projector and connected device.</li><li>◦ Ensure Bluetooth audio device is properly paired.</li><li>◦ The projector does not support Dolby audio. Ensure your audio source is not Dolby encoded if experiencing issues.</li><li>◦ Consider connecting external speakers via Bluetooth or the 3.5mm audio jack for enhanced sound.</li></ul>
Image is not clear or out of focus.	<ul style="list-style-type: none"><li>◦ Use the electric focus ('F+' / 'F-') buttons on the remote control to adjust sharpness.</li><li>◦ Adjust keystone correction if the image is distorted.</li></ul>
Projector fan noise is noticeable.	<ul style="list-style-type: none"><li>◦ The projector has a cooling fan, which produces some operational noise.</li><li>◦ Ensure adequate ventilation around the projector to prevent overheating, which can increase fan speed.</li><li>◦ Using external audio devices (e.g., Bluetooth headphones) can help mask fan noise.</li></ul>

## SPECIFICATIONS

Feature	Detail
Brand	TOPTRO
Model/Series	TR23 Mini Beamer
Product Dimensions	30 x 14 x 30 cm
Item Weight	1.76 Kilograms
Color	Grey Silver
Form Factor	Portable
Native Resolution	720P (Supports 1080P HD)



Feature	Detail
Brightness	18000 lm
Contrast Ratio	16000:1
Connectivity Technology	USB, Audio 3.5 mm, HDMI, Bluetooth 5.2, WIFI 6
Special Features	4D+4P Correction, Electric Focus, Fully Sealed Optical Machine Design
Display Type	LCD
Mounting Type	Floor Mount
Power Consumption	60 Watt

## WARRANTY AND SUPPORT

TOPTRO provides technical support for the TR23 Mini Portable Projector. If you encounter any issues or require assistance, please refer to the contact information provided in your product packaging or visit the official TOPTRO website for support resources.

For common issues like a non-functional remote control, please contact customer service for a replacement.

