

4K Full HD Projector FHD TD80W

TD80W Mini Portable Projector User Manual

Model: 4K Full HD Projector FHD TD80W

Brand: Generic

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your TD80W Mini Portable Projector. Designed for versatility, this projector offers Full HD 1080P resolution with 4K video decoding support, Android 13.0 OS, dual-band WiFi, and Bluetooth connectivity, making it suitable for home theater, gaming, and presentations.



Image: The TD80W Mini Portable Projector, showcasing its compact design and projection capabilities.

WHAT'S IN THE BOX

Upon unboxing, please ensure all the following items are present:

- Remote Control
- Power Cord
- HDMI Cable
- AV Cable

SETUP

1. Placement and Power

Place the projector on a stable, flat surface. Ensure adequate ventilation around the device. Connect the power cord to the projector's power input and then to a suitable electrical outlet (AC110-240V / 50-60Hz).

2. Initial Power On

Press the power button on the projector or the remote control to turn on the device. The projector will boot into the Android 13.0 OS interface.

3. Focus and Keystone Correction

Adjust the focus manually using the focus ring on the projector lens until the image is clear. The TD80W supports 6D Keystone correction, including 4-point manual keystone correction and auto vertical keystone correction, to ensure a perfectly rectangular image even when the projector is not directly aligned with the screen. Utilize the settings menu to access these adjustments.



Image: Visual representation of the TD80W projector's features, including 150-degree rotating projection and 6D keystone correction.

4. Connectivity

The TD80W offers multiple connectivity options:

- **HDMI:** Connect external devices like laptops, gaming consoles, or TV boxes using the HDMI port.
- **USB:** Insert USB drives for direct media playback or to read office documents (Excel/Word/PDF/PowerPoint).

- **Wi-Fi:** Connect to your home network via 2.4G, 5G, or WiFi 6 for online streaming and app downloads. Navigate to *Settings > Network & Internet > Wi-Fi* to connect.
- **Bluetooth:** Pair Bluetooth-enabled devices like external speakers or headphones (BT 5.0). Go to *Settings > Connected devices > Pair new device*.
- **3.5mm Earphone Out:** For wired audio output to headphones or external speakers.

ADVANTAGES OF TD80W PROJECTOR

All allow you to enjoy the happiness home entertainment



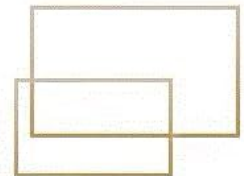
150° Rotating Projecting



Up to 250" Screen



Freely Zoom



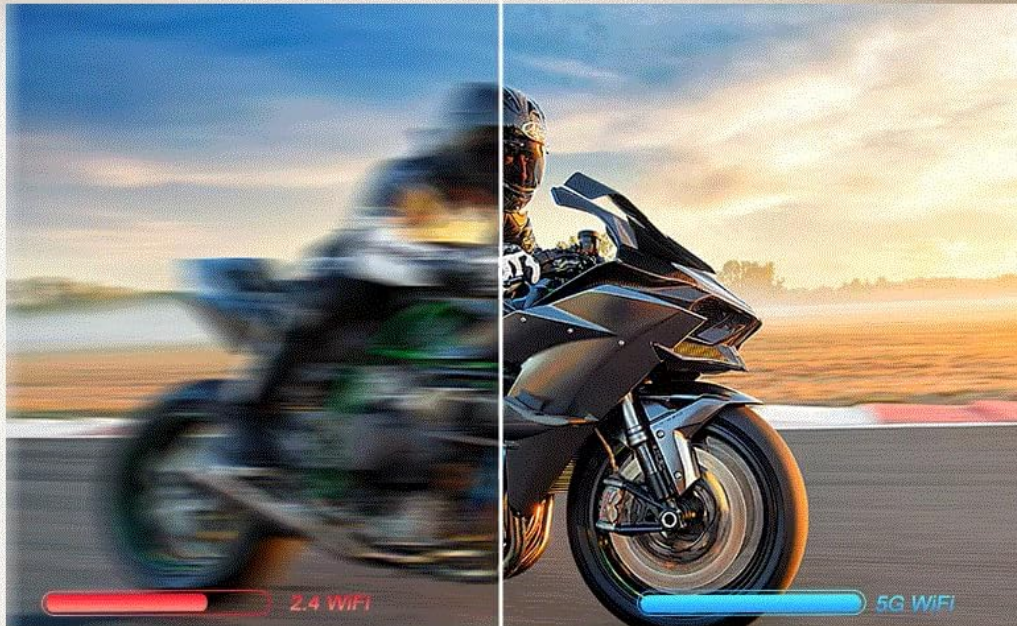
One click screen projection



Image: Diagram illustrating the various input/output ports on the TD80W projector, including USB, HD (HDMI), ON/OFF, Headset jack, and Power.

5G+2.4G WiFi6 Connection

Faster seamless video streaming



IOS



Image: Depiction of the projector's dual-band WiFi 6 capabilities, showing seamless video streaming for both 2.4G and 5G connections.

OPERATING INSTRUCTIONS

1. Android 13.0 OS Navigation

The projector runs on Android 13.0 OS. Use the remote control to navigate the interface. The home screen provides access to installed applications, settings, and media inputs. You can download and install additional applications from the Play Store.

2. Screen Mirroring

The TD80W supports DLAN, Airplay, and Mirocast for wireless screen synchronization with Android and iOS phones. Follow the on-screen instructions within the respective mirroring app on the projector to connect your mobile device.

3. 3D Functionality

The projector supports red-blue 3D content. To experience 3D, you will need compatible red-blue 3D glasses (sold separately) and 3D content. Activate the 3D mode through the projector's display settings if available, or ensure your

media player supports 3D output.

Your browser does not support the video tag.

Video: A comparison video showcasing the clarity and color vibrancy of the TD80W projector compared to the HY320 model, highlighting improved image quality and features like easy dust cleaning.



Image: A side-by-side comparison of the TD80W and HY320 projectors, illustrating the TD80W's superior native 1080P resolution, 11000 lumens brightness, and 10000:1 contrast ratio.

Native 1080P, 4K Support



Image: Various scenarios demonstrating the TD80W projector's versatility, including home entertainment, business presentations, and outdoor movie nights.

MAINTENANCE

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

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** The TD80W is designed for easy dust cleaning. Refer to the video demonstration in the Operating section for visual guidance on accessing and cleaning internal dust accumulation.
- **Ventilation:** Ensure the projector's ventilation ports are clear of obstructions to prevent overheating.
- **Lamp Life:** The LED light source has an estimated lifespan of 50,000 hours, providing long-term reliability.

TROUBLESHOOTING

If you encounter issues with your projector, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No image or distorted image	<ul style="list-style-type: none"> ◦ Check power connection. ◦ Ensure correct input source is selected (HDMI, USB). ◦ Adjust focus and keystone correction. ◦ Verify cable connections are secure.
Poor image quality (blurry, dim colors)	<ul style="list-style-type: none"> ◦ Clean the projector lens. ◦ Adjust brightness and contrast settings. ◦ Ensure the projection surface is suitable. ◦ Check for dust inside the projector (refer to Maintenance section).
No sound	<ul style="list-style-type: none"> ◦ Check volume levels on both projector and source device. ◦ Ensure external speakers are properly connected if used. ◦ Verify audio output settings on the source device.
Cannot connect to Wi-Fi/Bluetooth	<ul style="list-style-type: none"> ◦ Ensure Wi-Fi/Bluetooth is enabled in settings. ◦ Check network password. ◦ Move closer to the Wi-Fi router or Bluetooth device. ◦ Restart the projector and router.

SPECIFICATIONS

Detailed technical specifications for the TD80W Mini Portable Projector:

Feature	Description
Brand	Generic
Model Number	4K Full HD Projector FHD TD80W
Native Resolution	1920x1080P Full HD
Max Resolution Support	4K Video Decoding 30fps
Brightness	11000 Lumens (450 Ansi Lumens)
Contrast Ratio	10,000:1 - 20,000:1
Operating System	Android 13.0 OS
CPU + GPU	Amlogic950S 4-core A53 + Mali-450
Memory	RAM 1G + ROM 8G
Wi-Fi	2.4G / 5G / WiFi 6
Bluetooth	BT 5.0

Feature	Description
Keystone Correction	Electronic Corr, Auto Correction (6D Keystone)
Projected Dimension	40-120 inches (up to 250" screen mentioned in image)
Projection Distance	1.2-4 meters
Light Source	LED (50,000 hours lamp life)
Speaker	4Ohms, 3W HIFI STEREO
Working Voltage	AC110-240V / 50-60Hz
3D Function	Support red blue 3D
Image Flip	360 degree flip
Zoom	0-100%
Connectivity Technology	VGA, Bluetooth, Wi-Fi, USB, HDMI

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. General product support and FAQs may also be available on the brand's official website.

Note: Specific warranty terms and conditions may vary by region and retailer.