

TD98 / TD98W

TD98 LED Projector User Manual

Model: TD98 / TD98W

Brand: Generic

1. INTRODUCTION

Thank you for purchasing the TD98 LED Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

1.1. Package Contents

- TD98 LED Projector
- Remote Control
- Power Cord
- HDMI Cable
- User Manual (this document)

2. KEY FEATURES

- **Native Full HD 1080P Resolution:** Supports up to 2K and 4K UHD from HD signals, providing clear and detailed images.
- **High Brightness & Contrast:** Features 21000 Lumens brightness and a 20000:1 dynamic contrast ratio for vibrant visuals.
- **Large Projection Size:** Capable of projecting a display from 50 to 300 inches, with a projection distance of 1.5 to 8 meters.
- **Auto Focus & Auto Keystone Correction:** Equipped with automatic focus and 4-point corner auto keystone correction ($\pm 70^\circ$ horizontal and vertical) for easy setup and image adjustment.
- **Android 9.0 OS:** Integrated Android 9.0 operating system allows for direct app downloads and internet browsing.
- **Dual-Band WiFi & Bluetooth:** Supports 2.4G/5G WiFi for seamless screen mirroring (Airplay/Miracast/WiFi display) and Bluetooth for audio connectivity.
- **Built-in HiFi Stereo Speaker:** Features a powerful 15W stereo speaker with SRS sound system.
- **Dust-proof Optical Engine:** New tech full-enclosed optical LED machine reduces noise (less than 35db) and prevents dust entry, extending service life.
- **Office File Support:** Directly supports reading Microsoft Office files (Excel/Word/PDF/PowerPoint) via USB

stick.



Figure 2.1: Overview of TD98 Projector Key Features.

3. SETUP GUIDE

3.1. Placement

Place the projector on a stable, flat surface. Ensure adequate ventilation around the device. The projection distance can range from 1.5 to 8 meters to achieve a screen size of 50 to 300 inches.



Figure 3.1: Recommended Projection Distances and Screen Sizes.

3.2. Power Connection

1. Connect the power cord to the projector's power input.
2. Plug the other end of the power cord into a standard AC outlet (AC100-240V / 50-60Hz).
3. Press the power button on the projector or remote control to turn on the device.

3.3. Initial Image Adjustment

Upon first power-on, the projector will automatically perform focus and keystone correction. If further adjustments are needed, navigate to the "Projection" settings in the main menu.

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Video 3.1: Demonstrates the initial setup, including power-on, automatic focus, and keystone correction features of the TD98 projector. This video also shows the main menu interface and various settings.

4. OPERATION

4.1. Navigation

Use the included remote control to navigate the projector's interface. The main menu provides access to various inputs, settings, and applications.

4.2. Android 9.0 OS

The projector runs on Android 9.0 OS, allowing you to download and install applications from the Play Store, browse the internet, and play Android games directly on the projector.



Figure 4.1: Android 9.0 OS Interface.

4.3. Screen Mirroring (Wireless Sync Display)

The projector supports Airplay, Miracast, and WiFi display for wireless screen mirroring from Android and iOS phones/tablets. Ensure your device and the projector are connected to the same WiFi network.

1. Navigate to the "Wireless Sync Display" or "Screen Mirroring" option in the projector's menu.

2. On your mobile device, enable screen mirroring (e.g., Smart View, Screen Cast, Airplay).
3. Select the projector's name (e.g., "Android-7a87") from the list of available devices.

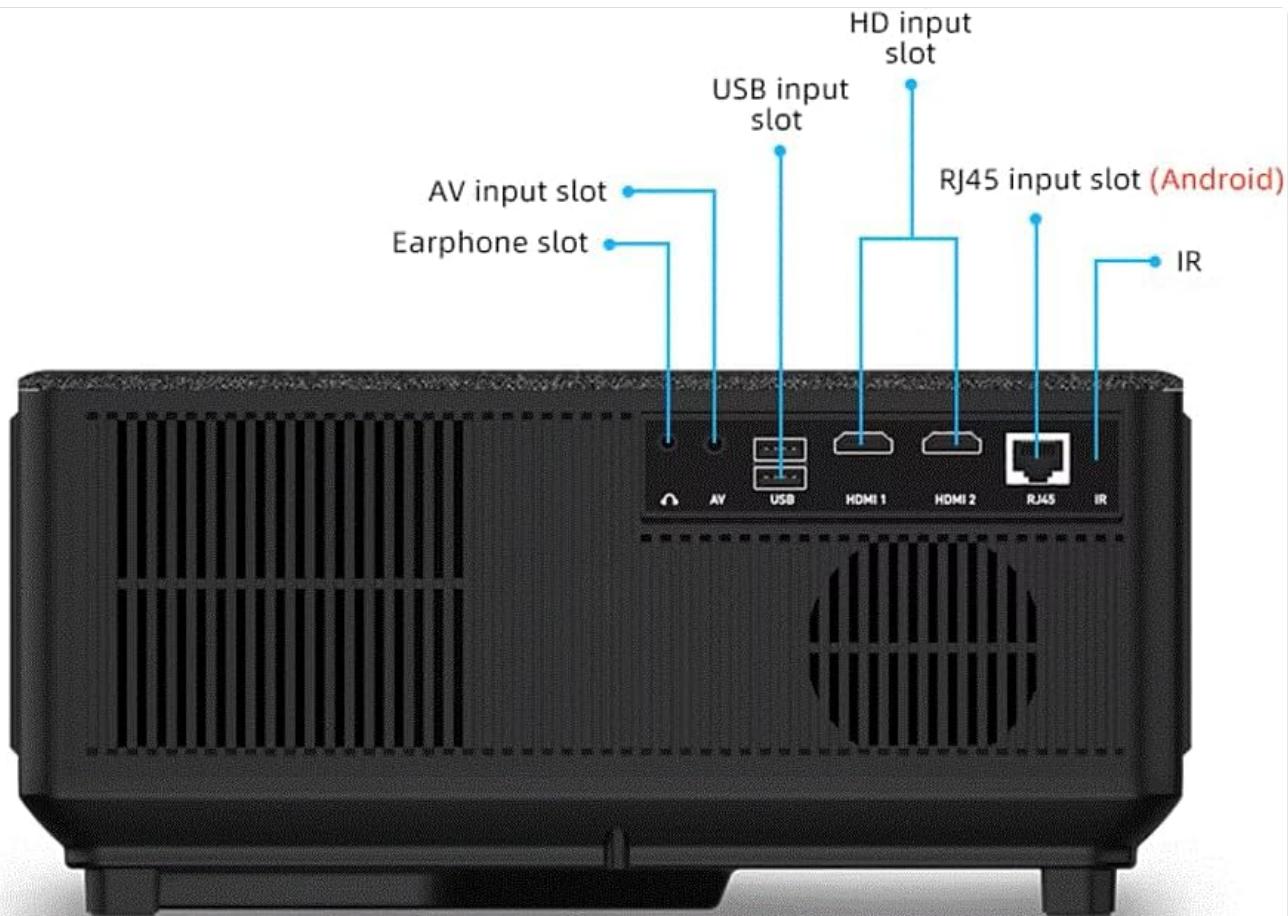
4.4. Image Adjustment (Manual)

While the projector features auto-focus and auto-keystone, manual adjustments can be made for fine-tuning:

- **Manual Keystone:** Adjust the image shape to correct trapezoidal distortion.
- **Manual Focus:** Fine-tune the image clarity.
- **Zoom:** Adjust the image size from 50% to 100%.

5. CONNECTIVITY

The TD98 projector offers a variety of input and output ports for connecting external devices:



Multi-Media Connections



Figure 5.1: Multi-Media Connections Overview.

- **HDMI (x2):** Connect to laptops, gaming consoles (PS5, Xbox), TV boxes, Blu-ray players, etc. Supports 2K/4K input.
- **USB (x2):** Connect USB drives for direct media playback (videos, photos, documents) or external peripherals.
- **AV Input:** For connecting older devices with composite video and stereo audio output.
- **3.5mm Earphone Out:** For connecting external speakers or headphones.
- **RJ45 (Ethernet):** For wired internet connection, especially useful for the Android OS.
- **Bluetooth:** Connect to external Bluetooth speakers or headphones for enhanced audio.



Figure 5.2: Projector in a business presentation scenario, demonstrating USB input capability.

6. MAINTENANCE

- **Cleaning the Lens:** Use a professional lens cleaning cloth and solution. Avoid abrasive materials.
- **Cleaning the Casing:** Wipe the projector's exterior with a soft, dry cloth. Do not use liquid cleaners directly on the surface.
- **Ventilation:** Ensure the ventilation vents are clear of obstructions to prevent overheating. The projector features a full-enclosed optical engine to minimize dust accumulation, but regular checks are still recommended.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Input source not selected; Device not powered on.	Check power connection; Select correct input source (HDMI, USB, AV); Ensure connected device is on.
Blurred image	Out of focus; Incorrect projection distance.	Use auto-focus or manual focus adjustment; Adjust projection distance.
Image is trapezoidal	Projector not perpendicular to screen.	Use auto-keystone or manual keystone correction.
No sound	Volume too low; Audio cable disconnected; Incorrect audio output selected.	Increase volume; Check audio connections; Ensure correct audio output is selected (e.g., internal speaker, Bluetooth, 3.5mm jack).
Wireless mirroring issues	Not on same WiFi network; Network interference.	Ensure both devices are on the same 2.4G/5G WiFi network; Try restarting both devices.

8. SPECIFICATIONS

Feature	Detail
Native Resolution	1920x1080P Full HD
Max Resolution Support	2K 4K UHD (from HD signal)
Brightness	21000 Lumens
Contrast Ratio	20,001:1-50,000:1 (Dynamic)
Projected Dimension	50-300 inches
Projection Distance	1.4-7 meters
Light Source	LED (50,000 hours life)
System	Android 9.0 OS
CPU	CA53x4
GPU	Mali450
Memory	RAM 1G DDR3 + ROM 8G
WiFi	2.4G / 5G WiFi
Bluetooth	Yes

Feature	Detail
Keystone Correction	Electronic, Auto Correction (4-point Corner +/- 70°, Auto Vertical +/- 70°)
Focus	Auto Focus
Zoom	50-100%
Built-in Speaker	15W HiFi Stereo
Input/Output	HDMI (x2), USB (x2), AV, 3.5mm Earphone Out, RJ45
Power	205W (AC100-240V / 50-60Hz)
Weight	4.0kg
3D Function	Supports Red-Blue 3D

9. WARRANTY AND SUPPORT

The TD98 LED Projector comes with a 1-Year manufacturer's warranty. For technical support, troubleshooting assistance, or warranty claims, please contact the seller or manufacturer directly through the platform where the product was purchased.

Please retain your proof of purchase for warranty purposes.

Related Documents - TD98 / TD98W

INSTRUCTION MANUAL  <small>Please read the manual carefully before operating projector.</small>	<p>Thundeal TD98W Full HD 1080P Projector Instruction Manual</p> <p>Comprehensive instruction manual for the Thundeal TD98W Full HD 1080P projector, covering important safeguards, accessories, projector knowledge, installation, operation, settings, specifications, multimedia format support, and troubleshooting.</p>
INSTRUCTION MANUAL  <small>Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.</small> <small>Please read the manual carefully before operating projector.</small>	<p>Thundeal TD98 Pro Projector Instruction Manual</p> <p>Comprehensive instruction manual for the Thundeal TD98 Pro projector, covering installation, operation, settings, and troubleshooting for optimal home theater experience.</p>

