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Irfora T100

Mini Projector User Manual

Model: T100 | Brand: Irfora

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Irfora T100 Mini Projector. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.
Key features of your projector include:

- 720p high-definition display with support for 36" to 150" screen sizes.
- Advanced 2.69" LCD screen with high-intensity LED light source and diffuse reflection imaging for eye comfort.
- Automatic focus and electronic keystone correction for clear and proportionate images.
- Wired and wireless screen mirroring (DLNA) for iOS and Android devices.
- Fast and stable dual-band WiFi (2.4G and 5G) connectivity.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x Irfora T100 Mini Projector
- 1 x Remote Controller (2*AAA batteries not included)
- 1 x Power Adapter (EU Plug)
- 1 x User Manual

3. Product Overview

Familiarize yourself with the components and interfaces of your projector.



Figure 3.1: Front and side view of the Irfora T100 Mini Projector, showing the lens, ventilation grilles, and compact design.

3.1. Interfaces and Ports

The projector is equipped with multiple ports for connecting various external devices.



Figure 3.2: Illustration of the projector's rich interface, including ports for connecting external devices such as headphones, game controllers, and other media sources.

- **HDMI Port:** For connecting devices like laptops, TV boxes, gaming consoles.
- **USB Port:** For connecting USB drives for media playback.
- **Audio Out:** For connecting external speakers or headphones.
- **Power Input:** For connecting the power adapter.

4. Setup

4.1. Placement

Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the projector to prevent overheating. The optimal projection distance for a 150-inch screen is approximately 300cm (9.8ft).

4.2. Power Connection

1. Connect the provided power adapter to the projector's power input port.
2. Plug the power adapter into a suitable electrical outlet (100-240V).
3. Press the power button on the projector or remote control to turn it on.

4.3. Focus and Keystone Correction

The Irfora T100 features automatic focus and electronic keystone correction. Upon startup or movement, the projector will automatically adjust the image for clarity and correct trapezoidal distortion. Manual adjustments are typically not required.



Figure 4.1: The projector's upgraded HD image quality, featuring a 2.69" LCD and 720p native resolution for true-to-texture color reproduction.



Figure 4.2: Diffuse reflection imaging technology, which projects light indirectly to protect eye health, with an LED lamp life exceeding 20,000 hours.

5. Operating Instructions

5.1. Remote Control

Insert two AAA batteries (not included) into the remote control. Use the remote to navigate menus, adjust settings, and control playback.

5.2. Connecting External Devices

Connect your desired device (e.g., TV box, computer, gaming console) to the projector using an HDMI cable. Select the corresponding input source from the projector's menu.

5.3. Wireless Screen Mirroring (Same Screen)

The projector supports wired and wireless screen mirroring for iOS and Android devices, as well as DLNA functionality.



Figure 5.1: Illustration of the "Same Screen" feature, allowing wired or wireless mirroring from computers, Android, and iOS devices to the projector.



Figure 5.2: The DLNA feature enables mobile phone screen projection with a single click to a larger screen, as depicted by an astronaut image.



Figure 5.3: Icons illustrating support for wireless screen mirroring, wired screen mirroring, and DLNA for iOS and Android devices.

5.4. WiFi Connection

The projector supports dual-frequency WiFi (2.4G and 5G) for faster and more stable transmission rates.

1. Navigate to the WiFi settings in the projector's menu.
2. Select your desired WiFi network (2.4G or 5G).
3. Enter the password if prompted and connect.



Figure 5.4: Depiction of the projector's dual-frequency WiFi 6 (2.4G+5G) support, enabling faster transmission rates, wider coverage, and lower latency for online viewing and screen mirroring.

5.5. Zoom Function

The projector includes a global zoom function, allowing you to adjust the image size without moving the projector. Access this feature through the projector's settings menu.

6. Specifications

Model	T100
Chip	Hi3751 V352
CPU	4X ARM Corex-A53@1.5
GPU	Mali-G31

RAM/ROM	1GB RAM+16GB ROM
Lamp	2.69" LCD
Native Resolution	1280x720
Throw Ratio	1.25:1
Lens	HD Coating Lens
Power	75W Max
Input Voltage	100-240V
Image Size	36-150 inch
Image System	LED
WiFi	WiFi 6 (2.4G+5G)
Focus Mode	Electric focus
Keystone Correction	Automatic up and down
Zoom Function	Global zoom (Standard configuration)
Product Dimensions	185x112x107mm (7.28x4.41x4.21 inches)
Product Weight	0.8kg (1.76lb)
Country of Origin	China

7. Maintenance

7.1. Cleaning the Lens

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

7.2. Cleaning the Projector Body

Wipe the exterior of the projector with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid using chemical cleaners.

7.3. Ventilation

Ensure that the ventilation grilles are not blocked. Blocked vents can lead to overheating and affect the projector's performance and lifespan. Periodically check for dust accumulation and gently clean with a soft brush or compressed air if necessary.

8. Troubleshooting

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

- **No Power:**

- Ensure the power adapter is securely connected to both the projector and a working electrical outlet.
- Check if the power indicator light on the projector is on.
- Verify that the power button on the projector or remote control has been pressed.

- **No Image / "No Signal":**
  - Confirm that the correct input source (e.g., HDMI 1, USB) is selected in the projector's menu.
  - Check the connection cable (HDMI, USB) between the projector and the source device. Try re-plugging or using a different cable.
  - Ensure the source device is powered on and outputting a signal.
- **Blurry Image:**
  - The projector features automatic focus. If the image is blurry, try restarting the projector or slightly moving it to trigger the auto-focus function.
  - Ensure the projector lens is clean.
- **Image is Trapezoidal / Distorted:**
  - The projector has automatic keystone correction. Ensure the projector is placed on a relatively flat surface and facing the screen directly.
  - Slightly adjust the projector's position to trigger auto-correction.
- **No Sound:**
  - Check the volume level on both the projector and the source device.
  - If using external speakers, ensure they are properly connected and powered on.
  - Verify that the audio output settings on your source device are correctly configured.
- **WiFi Connection Issues:**
  - Ensure your WiFi router is working correctly and within range.
  - Double-check the WiFi password.
  - Try restarting both the projector and your WiFi router.
  - Ensure you are connecting to the correct 2.4G or 5G network.

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Irfora website. Contact details for customer support are typically provided on the manufacturer's website or in your purchase documentation.

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