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Dragon Touch Z1

Dragon Touch Z1 Mini Projector

Instruction Manual

INTRODUCTION

Thank you for choosing the Dragon Touch Z1 Mini Projector. This portable DLP projector offers advanced features including 5G WiFi, a built-in Android 7.1 OS, and 150 ANSI lumens for a vibrant viewing experience. This manual provides detailed instructions for setting up, operating, and maintaining your projector to ensure optimal performance and longevity.

SAFETY INFORMATION

Please read all safety instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Do not expose the projector to rain or moisture.
- Do not block ventilation openings. Ensure adequate airflow around the projector.
- Use only attachments/accessories specified by the manufacturer.
- Avoid direct exposure to the projector lens light.
- Do not attempt to disassemble the projector. Refer all servicing to qualified service personnel.
- Operate the projector in a well-ventilated area and avoid extreme temperatures.

PACKAGE CONTENTS



Figure 1: Dragon Touch Z1 Mini Projector and Included Accessories

The Dragon Touch Z1 Mini Projector package includes the following items:

- Dragon Touch Z1 Mini Projector
- Remote Control
- 360° Rotatable Projector Tripod
- HDMI Cable
- Power Adapter
- Quick Start Guide

PRODUCT OVERVIEW



Figure 2: Front View of Projector on Tripod

The Dragon Touch Z1 Mini Projector is designed for portability and ease of use. Its compact size (4.4 x 4.4 x 1.1 inches) and lightweight design (2.1 lbs) make it ideal for various settings.

Compact but Powerful Design



4.4*4.4*1.1Inch



1080P



DLP



2.1lb



50"-150" Screen



Rechargeable
8000mAh battery



±40°Keystone
Correction



Figure 3: Compact Design and Key Features

The projector features a top-mounted touchpad for intuitive navigation and control. It includes multiple ports for versatile connectivity.

Ports and Controls

Multiple Connection Options

Sharing made easy



Figure 4: Projector Ports

- **USB Ports (USB 1, USB 2):** For connecting USB drives, keyboards, or other peripherals.
- **Headphone Jack:** For connecting external audio devices or headphones.
- **HDMI Input:** For connecting external video sources like laptops, game consoles, or TV boxes.
- **DC 12V Power Input:** For connecting the power adapter to charge the built-in battery or power the projector.
- **Focus Wheel:** Located on the side, used to manually adjust the image clarity.
- **Power Button:** Located on the side, press and hold to power on/off.
- **MicroSD Card Slot:** For expanding storage or playing media directly from a card.

SETUP

Initial Charging

For first-time use, it is recommended to charge the projector for approximately 3 minutes before powering it on. The projector has a built-in 8000mAh battery, allowing for portable use without constant power connection.

Power On/Off

To power on the projector, press and hold the power button on the side for about 3 seconds until the light from the lens appears. To power off, press and hold the power button again.

Placement and Keystone Correction



$\pm 40^{\circ}$

G-Sensor & Auto Keystone



Figure 5: Automatic Keystone Correction

The projector can project an image up to 150 inches (50-120 inches recommended) at a projection distance of 1.64 ft to 14.6 ft. It features automatic vertical $\pm 40^{\circ}$ keystone correction, which helps to correct the image from virtually any angle quickly, both indoors and outdoors. The included 360° rotatable projector tripod allows for flexible positioning.

Focus Adjustment

Use the focus wheel located on the side of the projector to manually adjust the clarity of the projected image. Rotate the wheel until the image appears sharp and clear on the screen or wall.

OPERATING

Navigation

The projector can be navigated using the top-mounted touchpad or the included remote control. Both methods provide intuitive control over the Android 7.1 OS interface.

Connecting to Wi-Fi

5G WiFi

Real Time Low Latency



5G

2.5G

Dragon Touch

USB 1 USB 2 HDMI DC 12V

Figure 6: 5G WiFi Connectivity

The projector supports 2.4G/5G WiFi for a faster and more stable projection experience. To connect to Wi-Fi:

1. Navigate to the 'Settings' icon on the home screen.
2. Select 'Network & Internet'.
3. Choose your desired Wi-Fi network and enter the password.

Connecting via Bluetooth

The projector supports Bluetooth wireless connection. To connect a Bluetooth device:

1. Navigate to the 'Settings' icon on the home screen.
2. Select 'Connected Devices' or 'Bluetooth'.
3. Enable Bluetooth and select your device from the list to pair.

Connecting via HDMI

Connect external devices such as laptops, game consoles, or TV boxes using an HDMI cable. Select the HDMI input option from the projector's home screen to display content from the connected device.

Connecting via USB

Insert a USB drive into one of the USB ports. Use the 'File Explorer' app on the home screen to browse and play media files directly from the USB drive.

Screen Mirroring

The projector supports Multi-screen technology including AirPlay, Miracast, EShare, and DLNA. Use the 'EShare' or 'iMirror' apps on the home screen to initiate screen mirroring from compatible smartphones or tablets.

Using Built-in Android 7.1 OS and Streaming Apps

Stream Your Favorite Apps

Enjoy your favorite apps, shows, movies, and games up to 150" big



Built-in
Android 7.1 OS



2GB RAM +
16GB ROM



Figure 7: Android 7.1 OS Interface

The projector comes with a built-in Android 7.1 OS, 2GB RAM, and 16GB ROM. You can download and install various apps directly from the Google Play Store. Stream content from popular services like Netflix and YouTube for an enhanced entertainment experience.

NOTE:

Copyrighted content from services like Hulu and Netflix cannot be mirrored or screen-cast via wireless transmission due to content protection. However, you can download their official apps from Google Play or browse them directly through the projector's Android system to view copyrighted content.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.
- **Cleaning the Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge it regularly, even if not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Image is blurry/out of focus	Incorrect focus adjustment; Projector too close/far from screen	Adjust the focus wheel. Ensure proper projection distance (1.64 ft to 14.6 ft).
Image is trapezoidal/distorted	Projector is not perpendicular to the screen	Utilize automatic vertical $\pm 40^\circ$ keystone correction. Adjust projector position.
No image/signal	Incorrect input source; Loose cable connection	Ensure correct input source (HDMI, USB). Check all cable connections.
Low brightness/poor visibility	Ambient light too high	Use in darker environments for optimal viewing.
Wi-Fi/Bluetooth connectivity issues	Interference; Incorrect settings	Ensure projector is within range of router/device. Recheck Wi-Fi/Bluetooth settings.
Battery drains quickly	High brightness setting; Old battery	Reduce brightness. Ensure full charge before use. Battery life is approx. 2.5 hours for video.

SPECIFICATIONS

Feature	Detail
Brand	Dragon Touch
Model Number	Z1

Feature	Detail
Display Technology	DLP
Brightness	150 ANSI Lumens
Native Resolution	854 x 480
Supported Resolution	1080P
Projection Size	Up to 150 inches (50-120 inches recommended)
Projection Distance	1.64 ft to 14.6 ft
Keystone Correction	Automatic Vertical $\pm 40^\circ$
Operating System	Android 7.1 OS
RAM	2GB
ROM	16GB
Connectivity	2.4G/5G WiFi, Bluetooth, HDMI, USB
Battery Capacity	8000mAh
Battery Life (Video)	Approx. 2.5 hours
Battery Life (Music)	Approx. 6 hours
Dimensions	4.4 x 4.4 x 1.1 inches
Weight	2.1 lbs

WARRANTY AND SUPPORT

Dragon Touch provides a limited warranty for this product. For detailed warranty information, product support, or technical assistance, please refer to the Quick Start Guide included in your package or visit the official Dragon Touch website.

You can also reach out to our customer support team for any inquiries or issues you may encounter.