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Ejoyous Ejoyous5nyorte9s2

Ejoyous Mini Projector User Manual

Model: Ejoyous5nyorte9s2

1. INTRODUCTION

Thank you for purchasing the Ejoyous Mini Projector. This portable device is designed to provide a versatile home theater experience with its 1080p support, built-in speaker, and same-screen function for both iOS and Android devices. This manual provides essential information for setting up, operating, and maintaining your projector.

Package Contents

- 1 x Mini Projector
- 1 x Remote Control
- 1 x Power Cord
- 1 x Instruction Manual (this document)

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the projector to ensure safe and proper operation.

- **Power Supply:** Use only the provided power cord and ensure the power source meets the specified voltage requirements (5V 2A).
- **Ventilation:** Do not block the ventilation openings on the projector. Ensure adequate airflow to prevent overheating.
- **Placement:** Place the projector on a stable, level surface. Avoid placing it in direct sunlight, near heat sources, or in humid environments.
- **Eye Protection:** The projector uses diffuse imaging technology to protect eyesight. Avoid looking directly into the lens when the projector is operating.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Children:** Keep the projector and its accessories out of reach of small children.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Ejoyous Mini Projector.



Figure 3.1: Top-down view of the Ejoyous Mini Projector, showing the lens and control buttons.

Interfaces and Controls

Multiple Device Connectionu



Figure 3.2: Overview of the projector's connection ports, including Audio Output, 5V IN (power), USB, and IR Input.

- **Lens:** Projects the image onto the screen.
- **Control Buttons:** Located on the top surface for basic navigation and settings.
- **Audio Output (AUX):** Connect external headphones or speakers.
- **5V IN:** Power input port.
- **USB Port:** Connect USB disk drives for media playback.
- **IR Input:** Infrared receiver for the remote control.
- **Ventilation Grilles:** Located on the sides for heat dissipation.

4. SETUP

Powering the Projector

The Ejoyous Mini Projector can be powered by a standard wall charger or a mobile power bank, provided it supplies 5V 2A.



Figure 4.1: Power connection options for the projector, illustrating connection to a cell phone charger or a charging power bank, both requiring 5V 2A output.

1. Connect the power cord to the **5V IN** port on the projector.
2. Connect the other end of the power cord to a compatible 5V 2A power adapter or power bank.
3. The projector will power on automatically or can be turned on using the power button.

Placement and Projection

Position the projector to achieve the desired screen size and clarity.



Figure 4.2: The projector can project images ranging from 14 to 100 inches, with common sizes like 40, 50, 60, 70, and 80 inches shown.

- The optimal projection distance ranges from approximately 0.6 to 4 meters (2 to 13.1 feet).
- Adjust the focus ring around the lens until the image is clear.
- The projector supports projection sizes from 14 to 100 inches.

5. OPERATING

Connecting Devices

The projector offers various connectivity options for different devices.

Wired Same Screen Function (iOS/Android)

This feature allows you to mirror your smartphone or tablet screen directly to the projector using its charging cable.

1. Connect your iOS or Android device to the projector's USB port using your device's standard charging cable.
2. Follow any on-screen prompts on your device or the projector to initiate screen mirroring. No separate

phone adapter cable is required.

USB Disk Playback

Connect a USB disk to the USB port to play media files directly.

1. Insert a USB disk into the projector's USB port.
2. Navigate the projector's menu to select the USB input source and browse for your media files.

External Audio Connection

For enhanced audio, connect external headphones or speakers.

1. Connect your headphones or external speakers to the **Audio Output (AUX)** port on the projector.
2. The projector's built-in speaker will automatically mute when external audio is connected.

Audio Output

The projector features a built-in 4Ω 2W speaker for clear sound. For private listening or higher quality audio, external headphones or speakers can be connected via the AUX port.

6. MAINTENANCE

Cleaning the Lens

To maintain optimal image quality, keep the projector lens clean.

- Use a soft, lint-free cloth specifically designed for optical lenses.
- Gently wipe the lens in a circular motion. Avoid using abrasive materials or harsh chemicals.

General Care and Storage

- Store the projector in a cool, dry place when not in use.
- Protect the lens from dust and scratches by using a lens cap or storing it in a protective case.
- Avoid exposing the projector to extreme temperatures or humidity.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Projector does not turn on	No power, faulty power adapter/cable	Ensure power cable is securely connected. Verify power adapter provides 5V 2A. Try a different power source.
No image projected	Incorrect input source, device not connected properly	Check if the input source is correctly selected. Ensure your device is properly connected via USB for same-screen function.
Image is blurry	Focus not adjusted, projector too close/far	Adjust the focus ring on the lens until the image is clear. Ensure the projection distance is within 0.6-4m.

Problem	Possible Cause	Solution
No sound	Volume too low, external audio connected, audio format not supported	Increase projector volume. Disconnect external audio devices from the AUX port if you want to use the built-in speaker. Check if the media file's audio format is supported.
Same screen function not working	Incorrect cable, device settings, software incompatibility	Ensure you are using your device's original charging cable. Check your phone/tablet settings for screen mirroring options. Restart both devices.

8. SPECIFICATIONS

Detailed technical specifications for the Ejoyous Mini Projector.



Figure 8.1: Physical dimensions of the projector, approximately 110mm x 110mm x 47mm (4.3 x 4.3 x 1.9 inches).

Feature	Specification
Item Type	Mini Projector
Material	ABS

Feature	Specification
Dimensions (L x W x H)	Approx. 110 x 110 x 47mm (4.3 x 4.3 x 1.9in)
Projector Version	Wired Same Screen
Projection Technology	LCD and LED
Native Resolution	320 x 180
Maximum Resolution Support	1920 x 1080 (1080p)
LCD Display Size	1.6 Inches
Contrast Ratio	3000:1
Aspect Ratio	4:3, 16:9
Operating Noise	20db (less than 25db)
Projection Size	14-100 Inches
Projection Distance	Approx. 0.6-4m (2-13.1ft)
Speaker	4Ω 2W Built-in
Lamp Life	30000h
Lamp Wattage	8W
Power Consumption	10W
Interfaces	AUX, USB, 5V IN
Remote Control Battery	1 x CR2025 160mAh (Built-in)

