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› E GATE /

› EGate O9 Android Projector EO9024 User Manual

E GATE EO9024

EGate O9 Android Projector EO9024 User Manual

Model: EO9024

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your EGate O9 Android Projector, Model EO9024. Please read this manual thoroughly before using the projector and retain it for future reference. The EGate O9 projector offers Full HD 1080p native resolution with 4K support, an Android 9.0 operating system, Triple WiFi connectivity, and Certified Dolby Digital audio for an enhanced viewing experience.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the projector and ensure user safety:

- Do not block ventilation openings. Ensure adequate airflow around the projector.
- Do not expose the projector to rain, moisture, or extreme temperatures.
- Use only the power cord supplied with the projector.
- Avoid looking directly into the projector lens when the lamp is on.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep the projector away from heat sources and direct sunlight.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

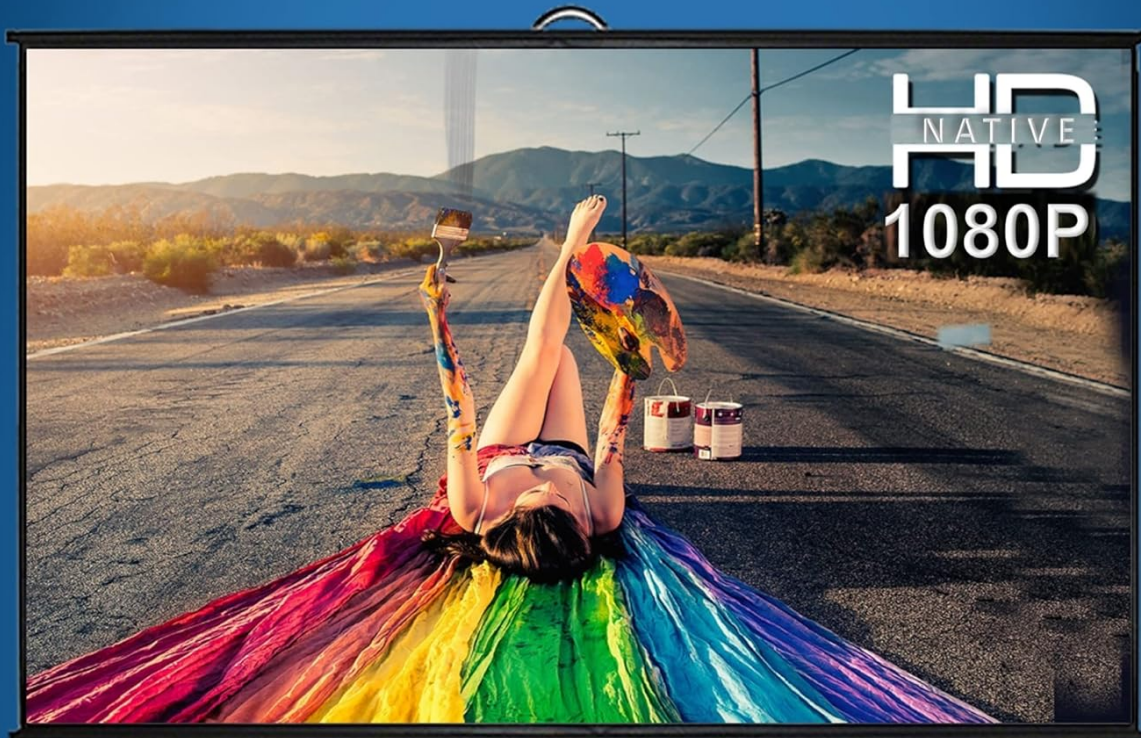
- 1 x EGate O9 Android Projector (Model EO9024)
- 1 x Remote Control
- 1 x Power Cord
- 1 x AV Connector Cable
- 1 x User Manual with Warranty Card

4. PRODUCT OVERVIEW

Familiarize yourself with the physical components and connection ports of your EGate O9 projector.



Figure 4.1: EGate O9 Android Projector (Model EO9024) - Main View



Wireless Screen Mirroring on 210" wide screen



iOS



Android



Windows

Figure 4.2: Connectivity Ports on EGate O9 Projector

4.1. Front Panel

The front panel features the projection lens and an infrared receiver for the remote control.

4.2. Top Panel

The top panel includes control buttons for power, navigation, and source selection.

4.3. Rear Panel

The rear panel houses various input/output ports:

- **HDMI Ports (x2):** For connecting devices such as TV set-top boxes, Fire TV Sticks, PCs/Laptops, DVD players, and gaming consoles.
- **USB Ports (x2):** For connecting USB storage devices.
- **AV Input:** For connecting older devices using an AV cable.
- **Audio Out (3.5mm Jack):** For connecting external speakers or headphones.
- **Power Input:** For connecting the power cord.

4.4. Wireless Connectivity

The projector supports Triple WiFi (6 + 5 + 2.4 GHz) and Bluetooth 5.1 for wireless connections.

5. SETUP

5.1. Placement

Place the projector on a stable, flat surface or mount it on a ceiling. Ensure the projector is positioned perpendicular to the projection surface for optimal image geometry. Maintain adequate distance from the screen to achieve the desired screen size (up to 210 inches).

5.2. Power Connection

1. Connect the supplied power cord to the projector's power input port.
2. Plug the other end of the power cord into a suitable electrical outlet.

5.3. Initial Power On

1. Press the power button on the projector or the remote control to turn on the device.
2. The projector will boot up, displaying the Android 9.0 interface.

5.4. Focus Adjustment

Rotate the focus ring located around the lens to achieve a clear and sharp image on the screen.

5.5. Keystone Correction

The EGate O9 features Triple Keystone Correction (4P + 4D + Manual) to adjust image distortion when the projector is not perfectly aligned with the screen.



Figure 5.1: Triple Keystone Correction in action

- Access the keystone correction settings via the projector's menu.
- Use the 4-point (4P) and 4-directional (4D) digital adjustments to correct horizontal and vertical image distortion.
- Manual keystone adjustment is also available for fine-tuning.
- This feature allows reducing the image size by up to 50% without moving the projector.

6. OPERATING INSTRUCTIONS

6.1. Android 9.0 Interface

The projector runs on Android 9.0, providing access to a smart interface with preinstalled applications such as Netflix, Prime Video, Hotstar, and SonyLiv. Navigate using the remote control's directional buttons and select options with the 'OK' button.



Figure 6.1: Android 9.0 Interface with Preinstalled Apps

6.2. Input Sources

To switch between input sources:

1. Press the 'Source' button on the remote control or projector.
2. Select the desired input (HDMI1, HDMI2, USB1, USB2, AV) from the on-screen menu.

6.3. Wireless Connectivity

WiFi:

- Go to 'Settings' > 'Network & Internet' > 'Wi-Fi'.
- Select your desired network (supports 2.4GHz, 5GHz, and WiFi 6) and enter the password.

Bluetooth:

- Go to 'Settings' > 'Connected Devices' > 'Pair new device'.
- Select your Bluetooth device (e.g., speaker, headphones) from the list to pair.

6.4. Screen Mirroring

The projector supports wireless screen mirroring from Android, iOS, and Windows devices.



Figure 6.2: Wireless Screen Mirroring Capability

- Ensure your device and the projector are connected to the same Wi-Fi network.
- Select the screen mirroring function on the projector (e.g., 'Miracast', 'AirPlay').
- Initiate screen mirroring from your smartphone, tablet, or laptop.

6.5. Audio Settings

The projector features a built-in 5-watt speaker with Certified Multi-Channel DOLBY DIGITAL PLUS Decoder. For external audio:

- **Bluetooth Audio Out:** Pair with Bluetooth speakers or headphones as described in Section 6.3.
- **3.5mm Audio Out Jack:** Connect external wired speakers or a sound system using a 3.5mm audio cable.

6.6. Display Settings

Adjust image parameters through the projector's settings menu:

- **Resolution:** Native Full HD 1080p, with support for 4K input.
- **Aspect Ratio:** Default 16:9 widescreen. Other options may be available.
- **Brightness & Contrast:** Adjust image brightness (8100 Lumens LED, 510 ANSI on screen) and contrast (5000:1 Static, 20,000:1 Dynamic) to suit your viewing environment.
- **Digital Zoom:** Use the digital zoom feature to adjust the projection size by up to 50% without physically moving the projector.

7. MAINTENANCE

7.1. Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force.

7.2. Cleaning the Projector Body and Vents

Wipe the projector's exterior with a soft, dry cloth. Use a small brush or vacuum cleaner with a brush attachment to remove dust from the ventilation openings to ensure proper cooling.

7.3. Lamp Life

The LED lamp in your EGate O9 projector has a long lifespan of approximately 30,000 hours, reducing the need for frequent lamp replacement.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cord disconnected, power outlet faulty	Check power cord connection, try a different outlet.
No image on screen	Incorrect input source, cable not connected, device not powered on	Select correct input source, ensure cables are securely connected, power on connected device.
Image is blurry	Focus not adjusted, projector too close/far	Adjust the focus ring, reposition the projector.
Image is distorted (trapezoid shape)	Projector not perpendicular to screen	Use keystone correction (Section 5.5) to adjust.
No sound	Volume too low, incorrect audio output, external device muted	Increase volume, check audio output settings, unmute connected device.
Remote control not working	Batteries low/dead, obstruction, remote out of range	Replace batteries, remove obstructions, ensure remote is pointed at the projector's IR receiver.

If the problem persists after trying these solutions, please contact EGate customer support.

9. SPECIFICATIONS

Detailed technical specifications for the EGate O9 Android Projector (Model EO9024):

Feature	Specification
Brand	E GATE
Model	EO9024
Display Technology	LED
Native Resolution	1920 x 1080 (Full HD)
Supported Resolution	Up to 3840 x 2160 (4K)
Image Brightness	8100 Lumens LED (510 ANSI on Screen)
Image Contrast Ratio	5000:1 (Static), 20,000:1 (Dynamic)
Max Screen Size	210 inches (534 cm)
Aspect Ratio	16:9
Operating System	Android 9.0
Processor	Quad Core CPU 64 bit + MALI GPU
Memory (RAM/ROM)	1GB RAM / 8GB ROM
Keystone Correction	Triple Keystone Correction (4P + 4D + Manual)
Connectivity	2 x HDMI, 2 x USB, AV, Audio Out, Bluetooth 5.1, Triple WiFi (6 + 5 + 2.4 Ghz)
Audio	Certified Multi-Channel DOLBY DIGITAL PLUS Decoder, 5-watt speaker
Lamp Life	30,000 Hours
Product Dimensions	24.5 x 19.2 x 9.4 cm
Item Weight	1.5 kg
Power Source	AC (90 Watts)
Refresh Rate	60 Hz

10. WARRANTY AND SUPPORT

10.1. Warranty Information

Your EGate O9 Android Projector (Model EO9024) comes with a **1-year warranty** provided by EGate from the date of purchase. To avail warranty benefits, it is mandatory to register your product. During the warranty period, free home pickup and drop service is provided.

10.2. Customer Support

For any assistance regarding service, warranty support, or pre-purchase inquiries, please contact EGate customer support:

- **Service & Warranty Support:** support@egate-world.com
- **Pre-Purchase Inquiries:** ecom@egate-world.com

10.3. Legal Disclaimer

Egate is a registered trademark, and any unauthorized use of its brand is not permitted without consent. Lumens refers to the brightness of the LED at the source; ANSI refers to the on-screen brightness and is mentioned separately. All non-claimable information above is for reference only. Any dispute regarding price, product, specification, and warranty will be entertained in the jurisdiction of Ghaziabad court only.