E GATE Duster 8X

E Gate Duster 8X Projector User Manual

Model: Duster 8X (EL9030)

1. Introduction

Thank you for choosing the E Gate Duster 8X Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. The Duster 8X is designed for home cinema use, featuring native 1080p resolution with 4K support, a dust-free sealed optical engine, and the Whale OS for a smart entertainment experience.



Figure 1: E Gate Duster 8X Projector

2. Package Contents

Verify that all items are present in the box:

- Projector
- Remote Control
- Power Cord
- HDMI Cable
- Manual with Warranty Card

3. Setup

3.1 Placement

Position the projector on a stable, flat surface. The Duster 8X features a 360-degree free-angle projection design, allowing it to be mounted or placed at various angles to project onto walls or ceilings. Ensure adequate ventilation around the projector.



Figure 2: Flexible Placement Options

3.2 Power Connection

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

3.3 Initial Power On and Automatic Adjustments

Press the power button on the projector or the remote control to turn on the device. The Duster 8X is equipped with intelligent AI-powered features for automatic display correction:

- **Auto Focus:** The projector will automatically adjust the image clarity.
- **Auto Keystone:** Corrects distorted images (trapezoidal effect) automatically. It also supports 4P and 6D electronic correction for fine-tuning.
- **Auto Screen Fit:** Adjusts the projected image to fit the screen area.
- **Obstacle Avoidance:** Detects and adjusts the projection to avoid objects in the path.



Figure 3: Instant Display Correction Features

3.4 Connecting External Devices

The projector offers multiple connectivity options:

- **HDMI:** Connect devices like laptops, gaming consoles, or media players using an HDMI cable. The projector supports HDMI with ARC (Audio Return Channel) and CEC.
- **USB:** Two USB ports are available for media playback from USB drives or for connecting compatible accessories.
- **Bluetooth 5.2:** Connect external Bluetooth speakers, headphones, or other compatible devices wirelessly.
- **Wi-Fi 6 (2.4GHz + 5GHz):** Connect to your home network for online streaming and screen mirroring.

4. Operation

4.1 Whale OS Interface

The Duster 8X runs on the certified Whale OS (Android 13), providing a user-friendly interface for accessing apps and settings. Navigate using the remote control.



Figure 4: Whale OS and Key Features Overview

4.2 Voice Control

The included Bluetooth remote features a dedicated microphone for voice commands, powered by Chat GPT integration. Simply press the voice button and speak your command to launch apps, search for content, or control settings.



Figure 5: Voice Control with Chat GPT Remote

4.3 Streaming Applications

Enjoy pre-installed and certified streaming applications such as Netflix, Prime Video, SonyLIV, and Hotstar. These apps are optimized to display content in Full HD. Additional apps can be downloaded from the integrated app store, which also provides access to hundreds of free live TV channels.

4.4 Screen Mirroring

Wirelessly cast content from your Android, iOS, Mac, or Windows devices to the projector. Use the dedicated screen

mirroring apps for seamless content sharing.



Figure 6: Wireless Screen Mirroring

4.5 Digital Zoom

Adjust the screen size from 50% to 100% using the digital zoom function without physically moving the projector. This feature is accessible via the projector's settings menu.

4.6 Audio Output

The projector features a built-in 12W dedicated grill speaker for clear audio. For an enhanced audio experience, connect external speakers or headphones via Bluetooth or the audio out port.



Figure 7: Seamless Sound with 12W Speaker

5. Maintenance

5.1 Dust-Free Design

The Duster 8X features a 100% dust-proof sealed optical engine, which minimizes dust accumulation and helps maintain picture quality over time. This design reduces the need for frequent internal cleaning.



Figure 8: Dust-Proof Sealed Optical Engine

5.2 Lamp Life

The projector's light source has a lifespan of up to 60,000 hours, providing extended usage without the need for frequent lamp replacement.

5.3 Cleaning

- **Exterior:** Use a soft, dry cloth to wipe the exterior of the projector. For stubborn marks, slightly dampen the cloth with water.
- **Lens:** Gently clean the projector lens with a lens cleaning cloth or specialized lens cleaning solution. Avoid abrasive materials that could scratch the lens.
- **Ventilation:** Ensure the ventilation ports are clear of dust and obstructions to prevent overheating.

6. Troubleshooting

If you encounter issues with your E Gate Duster 8X Projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No picture or blurry image	Power issue, input source not selected, focus/keystone not adjusted, lens cap on.	Check power connection. Ensure correct input source is selected. Allow auto-focus/keystone to complete or adjust manually. Remove lens cap.
No sound	Volume too low, incorrect audio output selected, external device audio issue.	Increase projector volume. Check audio output settings (internal speaker, Bluetooth, HDMI ARC). Verify audio on the connected device.
Remote control not working	Batteries low/dead, remote not paired, obstruction.	Replace batteries. Ensure line of sight to the projector's IR receiver. Re-pair Bluetooth remote if necessary.
Wi-Fi/Bluetooth connectivity issues	Out of range, interference, incorrect password, device not discoverable.	Ensure projector is within range of router/Bluetooth device. Check Wi-Fi password. Restart projector and router. Make sure Bluetooth device is in pairing mode.
System Error message appears	Software glitch, temporary system issue.	Restart the projector. If the issue persists, perform a factory reset (refer to settings menu) or contact support.

7. Specifications

Feature	Detail
Brand	E GATE
Model Name	Duster 8X
Model Number	EL9030
Recommended Uses	Home Cinema
Display Resolution	Native 1920 x 1080 (Full HD)
Maximum Display Resolution	1080p Full HD Pixels (4K HDR + HLG Support)
Display Type	LCD
Brightness	800 True ISO Lumens

Feature	Detail
Contrast Ratio	8000:1
Light Source Operating Life	Up to 60,000 Hours
Maximum Image Size	762 Centimeters (300 inches)
Minimum Throw Distance	3 Feet
Maximum Throw Distance	12 Feet
Connectivity Technology	HDMI (ARC/CEC), USB, Bluetooth 5.2, Wi-Fi 6
Operating System	Whale OS (Android 13)
Special Features	Netflix Certified, Dust Proof Sealed Optical Engine, Auto Focus, Auto Keystone, Auto Obstacle Avoidance, Auto Screen Fit, Chat GPT Voice Remote
Audio	12 Watt Stereo Speaker
Item Dimensions (L x W x H)	24.5L x 22.4W x 10.2H Centimeters
Item Weight	2500 Grams
Country of Origin	China

8. Warranty and Support

8.1 Warranty Information

The E Gate Duster 8X Projector comes with a **1-year warranty** provided by the manufacturer from the date of purchase. Product registration is mandatory to avail warranty benefits. Free home pickup and drop service are provided during the warranty period.

8.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please visit the official E Gate website or contact the importer:

- **Importer:** Optroniq India
- **Manufacturer Contact:** 504, SG Alpha Tower-II, Sector-9, Vasundhara, Ghaziabad, Uttar Pradesh 201012
- **Packer Contact:** Egate Infotel Pvt Ltd, A-201, Sector 63, Noida, Uttar Pradesh 201012

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question