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Artograph Flare150

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Model: Flare150

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1. INTRODUCTION

The Artograph Flare150 is a compact and portable LED digital art projector designed for artists and designers. It offers enhanced brightness and resolution compared to previous models, making it ideal for tracing, layout, and design of artwork. This projector supports various digital sources and includes built-in grids for precise work.



Figure 1.1: Front view of the Artograph Flare150 Art Projector, showcasing its lens and compact design.

2. SETUP

2.1 Unpacking and Components

Carefully unpack all components from the box. Ensure all items listed below are present:

- Artograph Flare150 Projector
- Power Adapter and Cable
- Remote Control
- HDMI Cable
- USB Cable
- User Manual (this document)
- Additional connection adapters (may be required for Mac/Apple users, sold separately)



Figure 2.1: The Artograph Flare150 projector along with its power adapter, remote control, and various cables.

2.2 Powering the Projector

The Flare150 can be powered in two ways:

1. **AC Power:** Connect the provided power adapter to the "DC IN" port on the projector and plug it into a standard electrical outlet.
2. **Built-in Battery:** The projector features a rechargeable built-in battery, providing approximately 2 hours of operation on a full charge. Ensure the battery is charged before portable use.



Figure 2.2: Rear panel of the Flare150, highlighting the DC IN port, USB, HDMI, and audio output connections.

2.3 Connecting a Source Device

The Flare150 can project from most digital sources, including smartphones, tablets, and computers. Use the appropriate cable (e.g., HDMI, USB) to connect your device to the projector's input ports.

- **HDMI:** For high-definition video and audio.
- **USB:** For connecting USB drives or certain devices.
- **Mac/Apple Devices:** Users of Mac or Apple devices may require an additional connection adapter (not included) to ensure compatibility.

2.4 Initial Placement and Focus

Place the projector on a stable surface or mount it using the tripod mount connection. Adjust the distance from the projection surface to achieve the desired image size. Use the focus knob located on the top of the projector to sharpen the image.



Figure 2.3: Top view of the Flare150, illustrating the location of the focus adjustment knob.



Figure 2.4: The Flare150 projector mounted on a stand, demonstrating its use for projecting an image onto a surface for tracing or design.

3. OPERATION

3.1 Basic Projection

Once powered on and connected to a source, the projector will display the content from your device. Use the remote control or the projector's onboard buttons to navigate menus and select input sources.

3.2 Image Adjustment Features

The Flare150 offers several features to optimize your projected image for artwork:

- **Flip/Reverse:** Adjust the image orientation for different projection setups (e.g., ceiling mount, rear projection).
- **Rotate:** Rotate the image to align with your workspace.
- **Grayscale:** Convert the image to grayscale for easier tracing of tonal values.

- **Color Temperature Adjustment:** Fine-tune the color balance of the projected image.
- **Tonal Value Adjustment:** Modify the brightness and contrast to enhance details.
- **Keystone Adjust:** Correct trapezoidal distortion if the projector is not perfectly perpendicular to the projection surface.
- **Magnify:** Zoom in on specific areas of the image.

3.3 Built-in Grids

The Flare150 includes 36 built-in grids, including 15 rule of thirds grids. These grids can be projected alone or overlaid onto your artwork to assist with layout, composition, and design accuracy.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Artograph Flare150 projector.

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or excessive force.
- **Cleaning the Exterior:** Wipe the projector's exterior with a soft, dry cloth. Avoid using liquid cleaners directly on the device.
- **Ventilation:** Ensure the projector's ventilation openings are not blocked during operation to prevent overheating.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Flare150 projector.

Problem	Possible Cause	Solution
No image projected	• Projector not powered on • Input source not selected • Source device not connected properly • Battery depleted	• Press the power button. • Select the correct input source using the remote or menu. • Check cable connections (HDMI, USB). • Connect to AC power or charge the battery.
Image is blurry	• Focus not adjusted • Projector too close/far from surface	• Adjust the focus knob on top of the projector. • Adjust the distance between the projector and the projection surface.
Image is distorted (trapezoid shape)	• Projector not perpendicular to surface	• Use the Keystone Adjustment feature in the projector's menu. • Reposition the projector to be more aligned with the surface.
No audio	• Volume too low • Source device audio settings • External speakers not connected/configured	• Increase projector volume. • Check audio output settings on your source device. • Ensure external speakers are properly connected to the audio output port.

If you encounter issues not listed here, please refer to the Warranty & Support section for assistance.

6. SPECIFICATIONS

Model Number	Flare150
Manufacturer	Artograph
Product Dimensions	4.5 x 4.5 x 1.7 inches
Item Weight	1.1 pounds
Display Resolution	1280 x 720 (HD)
Brightness	150 lumens
Connectivity Technology	USB, HDMI
Form Factor	Portable
Power Source	AC Power, Rechargeable Built-in Battery
Battery Life	Approximately 2 hours (on battery)
Included Components	Built-in grids, Rechargeable built-in battery, Tripod mount connection
Special Features	Lightweight, Portable, One-touch grayscale, Keystone adjust, Rotate, Magnify images, 36 built-in grids
Supported File Types	JPG, PNG, BMP, PDF

7. WARRANTY & SUPPORT

The Artograph Flare150 Art Projector is backed by Artograph's **1-year warranty**. Artograph also provides **lifetime customer technical support** for this product.

For technical assistance, warranty claims, or further inquiries, please contact Artograph customer support through their official website or contact information provided with your purchase.

Visit the [Artograph Store on Amazon](#) for more information and products.

