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GODOX LiteFlow

Godox KNOWLED LiteFlow 100 Double-Sided Cine Light Reflector Kit User Manual

Model: LiteFlow

Overview Features Contents Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The Godox KNOWLED LiteFlow 100 is a sophisticated double-sided cine light reflector kit designed for professional photography and videography. This system provides a versatile solution for redirecting and modifying light sources, offering precise control over illumination in various shooting environments. The kit includes two 40 x 40-inch mirror-like reflector boards with distinct diffusion levels, mounted on durable yoke frames, and a robust flight case for secure transport and storage.



Figure 1.1: Overview of the Godox KNOWLED LiteFlow 100 Double-Sided Cine Light Reflector Kit, showing the two reflector panels, a smaller diffusion panel, and the hard transport case.

2. Key Features

- **Superior Reflectivity:** Double-sided mirror design ensures maximum light reflection for enhanced illumination.
- **Enhanced Portability:** Includes a durable flight case for easy transportation and equipment protection, ideal for on-location shoots.
- **Versatile Mounting Options:** Features a 1-1/8" stud mount, compatible with a wide range of stands and support systems for flexible studio setups.
- **Durable Aluminum Build:** Crafted from high-quality aluminum for exceptional durability and longevity.
- **Optimized Reflector Size:** 40 x 40 inches provides a generous surface area for light manipulation, suitable for various photographic and videographic applications.

3. What's in the Box

Upon opening the Godox KNOWLED LiteFlow 100 kit, please verify that all components listed below are present and in good condition.

- Reflector Panels (2 units)
- Light Stand (1 unit)
- Hard Flight Case (1 unit)



Figure 3.1: The robust hard flight case included with the Godox KNOWLED LiteFlow 100 kit, designed for secure transport and storage of the reflector panels and accessories.

4. Setup Guide

Follow these steps to properly set up your Godox KNOWLED LiteFlow 100 reflector kit.

1. **Unpack the Kit:** Carefully open the hard flight case and remove the reflector panels and light stand. Inspect all components for any signs of damage from shipping.
2. **Assemble the Light Stand:** Extend the legs of the light stand to form a stable base. Adjust the height of the stand to your desired working level, ensuring all locking mechanisms are securely tightened.
3. **Mount the Reflector Panel:** The LiteFlow 100 reflector panels feature a 1-1/8" stud mount. Align the mount on the reflector's yoke frame with the receiver on your light stand. Insert the stud and secure it firmly using the locking knob on the stand.
4. **Adjust Reflector Angle:** Loosen the locking knobs on the reflector's yoke to adjust the angle of the panel. Position the reflector to direct light as needed, then tighten the knobs to secure its position.



Figure 4.1: A single Godox KNOWLED LiteFlow 100 reflector panel shown mounted on a light stand, illustrating its adjustable yoke frame and stud mount.

5. Operating Instructions

The Godox KNOWLED LiteFlow 100 is designed for efficient light manipulation. Understanding its dual-sided nature and proper positioning is key to achieving desired lighting effects.

5.1 Understanding the Double-Sided Panels

Each 40 x 40-inch reflector panel is double-sided, offering different light modification properties. One side typically provides a harder, more specular reflection, while the other offers a softer, more diffused reflection. Refer to the markings on the panel edges (e.g., color-

coded corners) to identify the specific diffusion levels.



Figure 5.1: A Godox KNOWLED LiteFlow 100 reflector panel, highlighting the green corner marking which indicates a specific diffusion level or side of the panel.

5.2 Light Redirection and Shaping

- **Direct Reflection:** Position the reflector to bounce light directly from a light source (e.g., a studio strobe, continuous light, or sunlight) onto your subject. Experiment with the angle to control the intensity and spread of the reflected light.
- **Fill Light:** Use the reflector to fill in shadows created by a main light source. Place it opposite the main light to soften contrast and reveal details in darker areas.

- **Edge/Rim Light:** Position the reflector behind or to the side of your subject to create a subtle edge or rim light, separating the subject from the background.
- **Controlling Spill:** The precise reflection capabilities allow you to direct light exactly where it's needed, minimizing unwanted light spill onto backgrounds or other areas.



Figure 5.2: A Godox KNOWLED LiteFlow 100 reflector panel, showing the yellow corner marking which indicates another specific diffusion level or side of the panel.

5.3 Safety Precautions

- Always ensure the light stand is stable and properly weighted, especially when using the reflector outdoors or in windy conditions.

- Avoid pointing the reflector directly at the sun or other intense light sources towards sensitive equipment or eyes, as concentrated light can cause damage or injury.
- Handle the reflector panels by their frames to avoid touching the reflective surfaces, which can leave fingerprints or smudges.

6. Care and Maintenance

Proper care and maintenance will extend the lifespan and maintain the performance of your Godox KNOWLED LiteFlow 100 kit.

- **Cleaning Reflective Surfaces:** Use a soft, lint-free microfiber cloth specifically designed for optics. For stubborn smudges, lightly dampen the cloth with a small amount of lens cleaning solution. Avoid abrasive cleaners or materials that could scratch the surface.
- **Frame and Stand Cleaning:** Wipe down the aluminum frames and light stand with a clean, damp cloth. Dry thoroughly to prevent corrosion.
- **Storage:** Always store the reflector panels in the provided hard flight case when not in use. This protects them from dust, scratches, and impacts. Ensure the panels are clean and dry before storage.
- **Inspection:** Periodically inspect all locking mechanisms, joints, and the overall structure for any signs of wear, looseness, or damage. Address any issues promptly to ensure safe operation.

7. Troubleshooting

This section addresses common issues you might encounter with your LiteFlow 100 reflector kit.

Problem	Possible Cause	Solution
Reflector surface appears dull or smudged.	Fingerprints, dust, or residue on the reflective coating.	Clean the surface using a soft microfiber cloth and, if necessary, a specialized lens cleaning solution. Avoid touching the reflective surface directly.
Reflector panel is unstable on the stand.	Loose locking knobs on the stand or yoke; stand not properly extended or weighted.	Ensure all locking knobs on the light stand and reflector yoke are securely tightened. Fully extend the stand legs and consider using sandbags for added stability, especially with heavy light sources or in windy conditions.
Difficulty adjusting reflector angle.	Locking knobs on the yoke are too tight.	Loosen the locking knobs on the reflector's yoke frame sufficiently to allow smooth adjustment, then re-tighten once the desired angle is achieved.

8. Technical Specifications

Attribute	Detail
Product Dimensions	54 x 51.5 x 16.3 inches
Item Weight	210 pounds
Model Number	LiteFlow
Manufacturer	Godox
First Available Date	November 21, 2023
Mounting Type	1-1/8" Stud Mount
Reflector Material	Aluminum-Coated

9. Warranty and Support

Godox products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Godox website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Godox customer support through their official channels.

Official Godox Website: www.godox.com

Manufacturer: Godox

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