

Godox LST80

Godox LST80 LED Mini Studio Box Instruction Manual

1. INTRODUCTION

Thank you for choosing the Godox LST80 LED Mini Studio Box. This product is designed to provide a professional and efficient lighting solution for macro, still life, and product photography. Its compact, portable design and high-quality LED lighting ensure excellent color accuracy and consistent illumination for your subjects.

The LST80 features three adjustable LED light boards, offering a color temperature of 5800K and a high Color Rendering Index (CRI) of over 96, ensuring true-to-life color representation. This manual will guide you through the assembly, operation, and maintenance of your studio box to help you achieve optimal photographic results.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Always ensure the power adapter and cable are in good condition. Do not use if damaged. Connect to a power source with the correct voltage as specified on the adapter.
- **Water and Moisture:** Keep the studio box and all electrical components away from water, rain, and excessive humidity. Do not operate with wet hands.
- **Ventilation:** Ensure adequate ventilation around the power adapter during operation to prevent overheating.
- **Handling:** Handle the LED light boards with care. Avoid direct impact or bending.
- **Children:** Keep the product out of reach of children to prevent accidents.
- **Disassembly:** Do not attempt to disassemble or modify the product. Repairs should only be performed by authorized service personnel.

3. PACKAGE CONTENTS

Please check the package contents upon unpacking to ensure all items are present and undamaged:

- 1 x Black Background Cloth
- 1 x White Background Cloth
- 15 x Metal Racks

- 3 x LED Light Boards
- 8 x Corner Connectors
- 6 x LED Light Board Holders
- 1 x Inner White Diffuser
- 1 x Black/Silver Outer Fabric (Main Tent)
- 1 x Power Cable
- 1 x Power Adapter
- 1 x Carry Bag



Figure 3.1: All components included in the Godox LST80 package.



Black & White Background Cloth



LED Light Board (CRI96+, 5800K)



Inner White Diffuser



15pcs Metal Racks

Figure 3.2: Detailed view of key components: Black & White Background Cloth, LED Light Board, Inner White Diffuser, and Metal Racks.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your Godox LST80 LED Mini Studio Box:

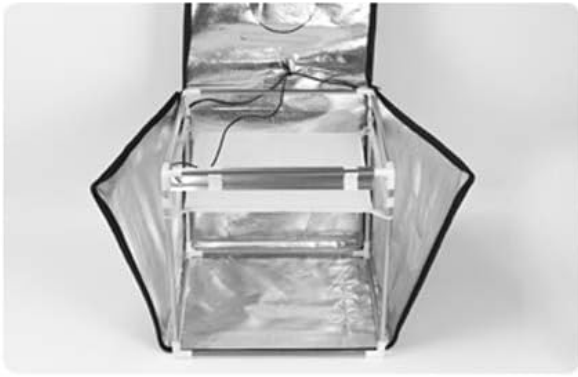
1. **Assemble the Frame:** Connect the 15 metal racks using the 8 corner connectors to form a cubic frame. Ensure all connections are secure.
2. **Attach the Outer Fabric:** Carefully drape the black/silver outer fabric over the assembled frame. The fabric is designed to fit snugly, forming the main structure of the studio box.
3. **Install LED Light Boards:** Position the three LED light boards inside the studio box. Use the 6 LED light board holders to secure them to the frame. The position of these boards can be adjusted later for optimal lighting.
4. **Connect Power:** Connect the power cable to the power adapter, and then connect the adapter to the LED light

boards. Plug the power cable into a suitable electrical outlet.

5. **Insert Background Cloth:** Choose either the black or white background cloth and secure it inside the studio box using the integrated fasteners or clips.
6. **Optional Diffuser:** For softer lighting, place the inner white diffuser inside the studio box, typically over the LED lights or in front of the subject.



Figure 4.1: The assembled Godox LST80 LED Mini Studio Box, illustrating its 80cm x 80cm x 80cm dimensions.



Arranged light boards and fast installation.



Light boards' location and brightness can be adjusted



Wide application



Great portability and convenience

Figure 4.2: Illustration of arranged light boards for fast installation and the portability of the studio box when packed in its carry bag.

5. OPERATING INSTRUCTIONS

The Godox LST80 offers flexibility for various shooting scenarios:

- **Power On/Off:** Use the power switch on the adapter to turn the LED lights on or off.
- **Brightness Adjustment:** The LED light boards feature adjustable brightness. Use the control knob on the power adapter to fine-tune the light intensity to suit your photographic needs.
- **Adjusting Light Board Position:** The LED light boards can be freely adjusted within the studio box to achieve different lighting angles and effects. Experiment with their placement to find the best illumination for your subject.
- **Shooting Angles:** The studio box is designed with multiple access points for shooting:

Using Method:



Shooting from the top.



Shooting from the front side's upper window.



Shooting from the front side's lower window.



Shooting from the front side's whole window.



Full shooting.

Figure 5.1: Various shooting methods: from the top, front upper window, front lower window, and through the full front window opening.

- **Top Shooting:** Utilize the top opening for overhead shots, ideal for flat lay photography or capturing the top view of products.



Figure 5.2: Demonstrates shooting from the top opening of the studio box.

- **Front Shooting:** The front panel offers multiple options: an upper window, a lower window, or a full opening for direct front-on shots.



Figure 5.3: Demonstrates shooting from the front opening of the studio box.

Experiment with different angles and lighting setups to achieve desired effects. The high CRI and adjustable brightness ensure professional-quality results.

Shooting Effects:

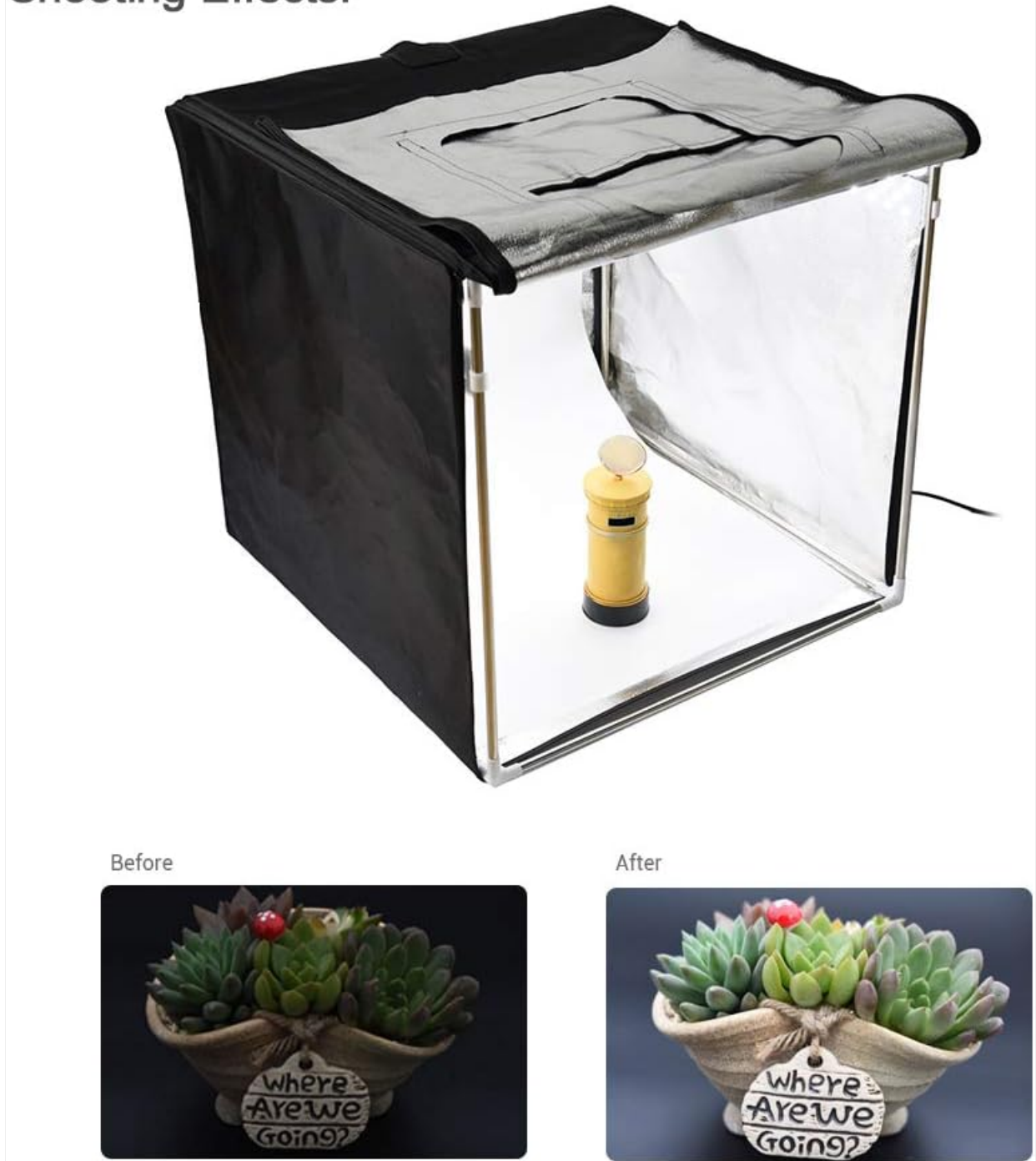


Figure 5.4: Example of shooting effects, demonstrating the improvement in lighting and clarity when using the studio box.

6. MAINTENANCE

- **Cleaning the Fabric:** The outer fabric and background cloths can be gently wiped with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Cleaning LED Boards:** Use a dry, soft cloth to clean the LED light boards. Do not use liquids directly on the electrical components.
- **Storage:** When not in use, disassemble the studio box and store all components in the provided carry bag. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power cable, adapter, and LED boards for any signs of wear or damage.

7. TROUBLESHOOTING

If you encounter issues with your Godox LST80 LED Mini Studio Box, please refer to the following common problems and solutions:

- **Lights Not Turning On:**
 - Ensure the power cable is securely connected to both the adapter and the electrical outlet.
 - Verify that the power switch on the adapter is in the 'ON' position.
 - Check if the electrical outlet is functioning correctly by plugging in another device.
 - Ensure the LED light boards are properly connected to the power adapter.
- **Inconsistent Brightness:**
 - Check the brightness control knob on the power adapter to ensure it is set to the desired level.
 - Ensure all LED light boards are securely connected and receiving power.
- **Unstable Frame:**
 - Verify that all metal racks are fully inserted into the corner connectors.
 - Ensure the outer fabric is correctly aligned and taut over the frame.

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

8. SPECIFICATIONS

Model	LST80
Brand	Godox
Dimensions (L x W x H)	80 cm x 80 cm x 80 cm (31.5 x 31.5 x 31.5 inches)
Material	Metal (frame), Fabric (tent)
Light Source Type	LED
Number of LED Light Boards	3
Power	60 W
Color Temperature	5800K ± 200K
Color Rendering Index (CRI)	> 96
TLCI	≥ 98
Internal Light Brightness	13500 ~ 14500 Lumens
Weight (Item)	4.56 kg
GTIN	799410697626
ASIN	B07H4R13VB

9. WARRANTY AND SUPPORT

Warranty Information: This product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific warranty period may vary by region and retailer. Please retain your proof of purchase for

warranty claims.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your retailer or visit the official Godox website for support resources and contact information.

