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› HIFFIN 40x40cm Portable Dimmable LED Photo Light Box Instruction Manual

Hiffin 40x40 LED Magnet Tent

HIFFIN 40x40cm Portable Dimmable LED Photo Light Box Instruction Manual

Model: 40x40 LED Magnet Tent

INTRODUCTION

Thank you for choosing the HIFFIN 40x40cm Portable Dimmable LED Photo Light Box. This professional photo box is designed to provide optimal lighting conditions for product photography, featuring 288 high Color Rendering Index (CRI) LED lights and five color PVC backdrops. Its portable and foldable design ensures quick setup and convenient storage, making it ideal for capturing high-quality images of jewelry, small items, and other products.



Image: The HIFFIN 40x40cm Portable Dimmable LED Photo Light Box in its assembled state.

PACKAGE CONTENTS

Before proceeding with setup, please ensure all components are present in the package:

- 1 x LED Shooting Tent (40x40cm)
- 2 x LED Light Boards
- 1 x Soft Light Cloth Diffuser
- 1 x Dimmer Controller with Power Adapter
- 5 x PVC Background Plates (Black, White, Red, Blue, Orange)
- 1 x Carry Bag

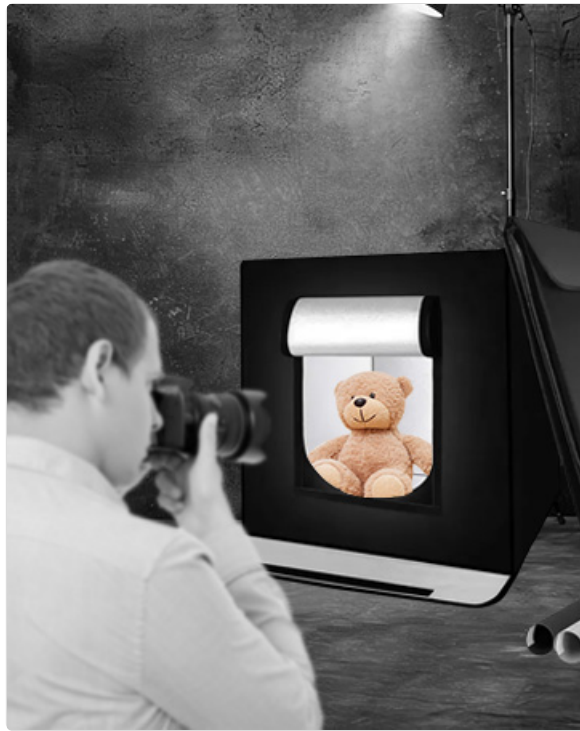


Image: Visual representation of the items included in the box, including the light boards, soft light cloth, dimmer, and PVC background plates.

SETUP INSTRUCTIONS

The HIFFIN Portable Light Box is designed for quick and easy assembly, typically taking less than a minute.

1. **Expand the Light Box:** Unfold the light box from its collapsed state. The magnetic structure will help it take shape.
2. **Open the Support:** Ensure the internal supports are fully extended to create a stable cube structure.
3. **Insert Background and Light Diffuser:** Choose one of the five PVC backdrops and place it inside the tent, securing it with the integrated clips or Velcro. Attach the soft light cloth diffuser to the top interior of the tent to soften the light from the LED strips.
4. **Connect Power:** Connect the LED light boards to the dimmer controller, then plug the power adapter into the dimmer controller and a power outlet.



Image: Step-by-step visual guide demonstrating how to expand the light box, open the support, insert the background and diffuser, and begin photography.

OPERATING INSTRUCTIONS

Powering On and Adjusting Lights

The light box features built-in LED lights with adjustable settings for optimal photography.

- **Power On/Off:** Use the ON/OFF button on the dimmer controller to turn the LED lights on or off.
- **Brightness Adjustment:** Use the 'Brightness +' and 'Brightness -' buttons to increase or decrease the light intensity. The lights offer stepless dimming from 10% to 100%.
- **Light Mode Selection:** Press the 'Mode Switch' button to cycle through three light modes: White Light, Soft Light, and Warm Light.



Image: Illustration of the dimmer controller and the three available light modes (White, Soft, Warm) with examples of product photography under each mode.

Color Rendering Index (CRI)

The LED lights provide a high Color Rendering Index (CRI) for accurate color reproduction in your photographs. A CRI of 95+ ensures true colors are captured, which is crucial for professional product imaging.



Image: Visual comparison demonstrating the difference in color accuracy between high CRI lighting (our product) and lower CRI lighting (others).

Multi-Angle Shooting

The light box features multiple openings to facilitate diverse shooting angles:

- **Front Opening:** Use the front door system for standard eye-level shots, minimizing reflections.
- **Top Hole:** Utilize the top opening for overhead shots, ideal for flat lays or capturing the top view of products.



Image: Examples of multi-angle shooting, illustrating how to use the front and top openings for different photographic perspectives.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your light box.

- **Cleaning the Tent:** Wipe the exterior and interior surfaces of the light tent with a soft, damp cloth. Avoid abrasive cleaners that may damage the material.
- **Cleaning Backdrops:** The PVC backdrops are water-proof and easy to clean. Use a soft cloth with mild soap and water to remove dust or smudges. Ensure they are completely dry before storage.
- **Storage:** When not in use, collapse the light box and store it in the provided carry bag to protect it from dust and damage. Store backdrops flat or rolled to prevent creases.



Image: Features of the included PVC backdrops, highlighting their durability and ease of cleaning.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	Power connection issue, faulty adapter/controller.	Check if the power adapter is securely plugged into the outlet and the dimmer controller. Ensure the LED light boards are properly connected to the controller. Test the outlet with another device.
Uneven lighting or shadows.	Incorrect light board placement, diffuser not used, external light interference.	Ensure both LED light boards are positioned correctly. Use the soft light cloth diffuser to evenly spread the light. Minimize external light sources that may cause unwanted shadows.
Reflections on product.	Direct light source, camera angle.	Adjust the camera angle. Utilize the front door system to maximize image angles while reducing outside reflections. Ensure the diffuser is in place.
Backdrops are creased.	Improper storage.	The PVC backdrops are wrinkle-resistant. If minor creases occur, lay them flat under a heavy object for a period or gently warm them with a hairdryer on a low setting from a distance.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	40x40 LED Magnet Tent
Dimensions (L x W x H)	40D x 40W x 40H Centimeters
Material	Cloth (Enclosure), PVC (Backdrops)
Light Source	LED
LED Beads	288 PCS
Color Temperature	5600 Kelvin
Color Rendering Index (CRI)	288 (High CRI)
Dimmable	Yes, Stepless Dimming (10%-100%)
Light Modes	White Light, Soft Light, Warm Light
Hardware Interface	Micro USB Type B
Compatible Devices	Smartphones, Cameras
Item Weight	2000 Grams
Country of Origin	India

WARRANTY AND SUPPORT

Warranty Information

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty duration and terms, refer to the documentation provided at the time of purchase or contact customer support.

Customer Support

For any questions, technical assistance, or support regarding your HIFFIN Portable Light Box, please contact our customer service team:

- **Manufacturer:** Master Digital
- **Address:** 33/14, Industrial Area, Site-2, Loni Road, Ghaziabad, Uttar Pradesh, India-201007
- **Contact Number:** +91-8076931173

You can also visit the official Hiffin store on Amazon for more information and related products: [Hiffin Store](#)