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LOFTEK KD-B150

LOFTEK 20-inch LED Light Ball User Manual

Model: KD-B150 | Brand: LOFTEK



1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your LOFTEK 20-inch LED Light Ball. This product is a versatile, rechargeable, and waterproof LED light ball designed for various indoor and outdoor decorative applications. It features RGB color-changing capabilities, dimmable settings, and remote control functionality.

2. SAFETY INFORMATION

- Ensure the charging port is completely dry before connecting the adapter.
- Do not attempt to open or modify the product, as this may void the warranty and pose a safety risk.
- While the product is IP65 waterproof, prolonged immersion in water is not recommended.
- Keep the product away from extreme temperatures and direct sunlight for extended periods.
- Use only the provided charging adapter.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x LOFTEK 20-inch LED Light Ball
- 1 x Remote Control
- 1 x Power Adapter/Charger
- 1 x User Manual (this document)



Image 3.1: Contents of the LOFTEK 20-inch LED Light Ball package, showing the light ball, remote control, and power adapter.

4. SETUP

4.1 Initial Charging

1. Locate the charging port at the bottom of the light ball.
2. Connect the provided power adapter to the charging port.
3. Plug the adapter into a standard electrical outlet.
4. Allow the light ball to charge for approximately 5-6 hours for a full charge. The indicator light (if present) will change to indicate charging status. A full charge provides 6-13 hours of illumination depending on brightness and mode.

4.2 Remote Control Preparation

Before first use, remove the clear plastic insulation tab from the battery compartment of the remote control.



Image 4.1: Remote control for the LOFTEK LED Light Ball, illustrating the removal of the battery insulation tab.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **Using the Remote Control:** Press the **ON** button to turn the light ball on, and the **OFF** button to turn it off.
- **Using the Bottom Button:** Press the button located at the bottom of the light ball to cycle through colors and turn it on/off.

5.2 Remote Control Functions

The remote control allows for comprehensive customization of the light ball's settings. Ensure the remote is pointed towards the light ball within a range of 16-26 feet (5-8 meters).



Image 5.1: Remote control layout and functions for the LOFTEK LED Light Ball.

Remote Control Button Functions

Button	Function
ON / OFF	Turns the light ball on or off.
R, G, B, W	Directly selects Red, Green, Blue, or White static colors.
Color Buttons (12 colors)	Selects 12 additional static RGB colors.
Brightness Up/Down	Adjusts the brightness of static colors (5 levels).
FLASH	Cycles through 7 colors with a flashing effect.
STROBE	Causes the white light to blink constantly.
FADE	Cycles through 7 colors with a gradual fading effect between colors.
SMOOTH	Cycles through 7 colors with smooth transitions.
Speed Up/Down	Adjusts the speed of dynamic modes (FLASH, STROBE, FADE, SMOOTH).

5.3 Memory Function

The light ball features a memory function. After restarting, it will recall the last color and brightness setting used before it was turned off.

6. MAINTENANCE

6.1 Cleaning

To clean the light ball, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the polyethylene shell.

6.2 Battery and LED Base Replacement

If the internal battery or LED light source reaches the end of its lifespan, the base unit can be replaced. Unscrew the screws on the bottom of the light ball to access and replace the base. Replacement bases can be purchased using ASIN: B07TYD56SC.

7. TROUBLESHOOTING

Troubleshooting Guide

Problem	Possible Cause	Solution
Light ball does not turn on.	Battery is depleted.	Charge the light ball for 5-6 hours.
	Power adapter or cable is faulty.	Ensure the adapter is securely connected and try a different outlet. If issues persist, contact support.
Remote control is not working.	Battery insulation tab not removed.	Remove the clear plastic tab from the remote's battery compartment.
	Remote battery is depleted.	Replace the remote control battery (CR2025 or equivalent).
	Remote is out of range or obstructed.	Ensure the remote is within 16-26 feet of the light ball and has a clear line of sight.
Light is dim or flickers.	Low battery.	Recharge the light ball.
	LED base unit issue.	Consider replacing the LED base unit as per Section 6.2.

If you encounter defective or damaged products, or persistent operational failures, please contact LOFTEK customer service for assistance.

8. SPECIFICATIONS

Product Specifications

Feature	Detail
Model Number	KD-B150

Feature	Detail
Dimensions	20"D x 20"W x 20"H
Item Weight	1.1 Pounds
Material	Toy-grade Polyethylene (LDPE)
Finish Type	Matte
Light Source Type	LED
Color Options	16 RGB Static Colors
Brightness Adjustment	5 levels
Dynamic Modes	FLASH, STROBE, FADE, SMOOTH
Control Method	Remote Control, Bottom Button
Power Source	Battery Powered (Rechargeable Lithium Polymer)
Battery Capacity	4000mAh
Charging Time	5-6 hours
Operating Time	6-13 hours (depending on settings)
Water Resistance	IP65 Waterproof
Voltage	5 Volts (DC)
Wattage	14.8 Watt-hours
Special Features	Color Changing, Cordless, Dimmable, Memory Function

9. WARRANTY AND SUPPORT

The LOFTEK 20-inch LED Light Ball comes with a **12-month warranty** covering product quality issues. This warranty ensures free replacement for eligible defects.

For any inquiries, technical support, or warranty claims, please contact LOFTEK customer service. Provide your product model number (KD-B150) and purchase details for efficient assistance.

Contact information can typically be found on the LOFTEK official website or through your point of purchase.