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LUXSWAY DY52IR-16C LED Color Light Bar Instruction Manual

Contents

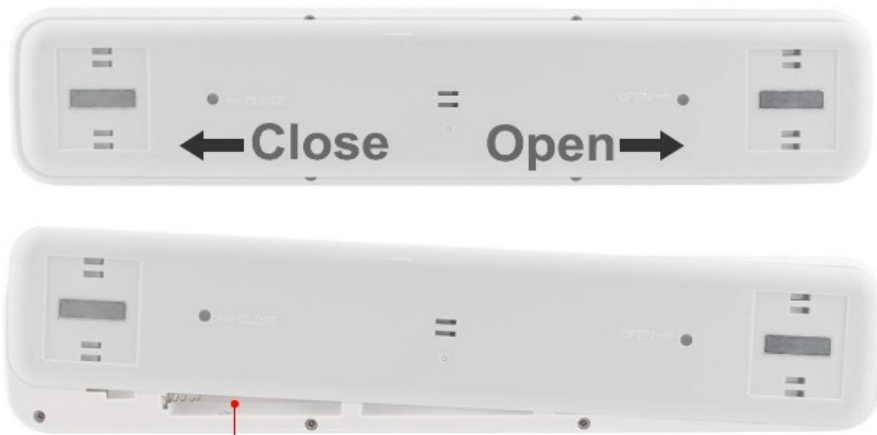**LUXSWAY DY52IR-16C LED Color Light Bar**

INTRODUCTION

The LUXSWAY DY52IR-16C LED Color Light Bar is a multipurpose lighting option that offers vivid, energy-efficient illumination to any area. With its remote-controlled system and infrared (IR) connectivity, this battery-operated LED light bar lets users easily change the color and brightness settings. This light bar is ideal for cabinets, beneath shelves, artwork displays, and accent lighting. It runs at 2 watts using a 9V power supply.

At 7.37 ounces, it is small and light, making installation simple and eliminating the need for wires. This product, which has been on the market since January 7, 2019, is made by LUXSWAY and has become well-liked due to its reasonable price of $18.99. The LUXSWAY DY52IR-16C is a dependable and reasonably priced option for adding ambient mood lighting or functional task lighting.

SPECIFICATIONS

Brand	LUXSWAY
Price	$18.99
Light Source Type	LED
Power Source	Battery Powered
Controller Type	Remote Control
Connectivity Technology	IR
Wattage	2 Watts
Lighting Method	LED
Voltage	9 Volts
Product Dimensions	2.17 D x 10.39 W x 0.81 H Inches
Weight	7.37 ounces
Item Model Number	DY52IR-16C
Date First Available	January 7, 2019
Manufacturer	LUXSWAY

Size

2.17"

10.39"

1.06"

←Close Open→

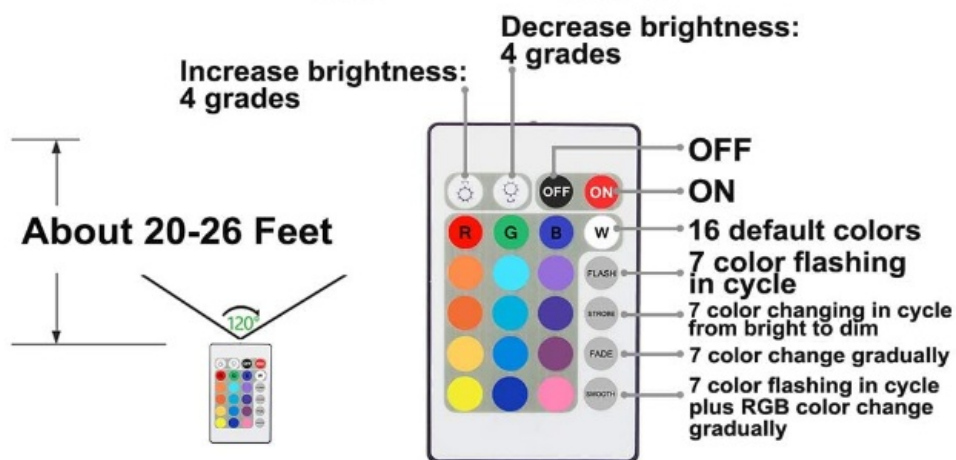Use AA Batteries (Not Included)

WHAT'S IN THE BOX

- LED Color Light Bar
- Manual

FEATURES

- **16 Color Changing Options:** To personalize your illumination, select from 16 RGB colors that are customizable.
- **Remote Control Operation:** Using an infrared remote, you can effortlessly change the lighting modes, color, and brightness.
- **Battery-Powered Convenience:** It runs wirelessly for up to 52 hours on six AA batteries.
- **170-Lumen Brightness:** Offers sufficient illumination for a number of areas, such as beneath cabinets, staircases, and closets.
- **Warm White 3000K Mode:** Provides a warm, inviting glow for a relaxing atmosphere.
- **Dimmable Brightness Levels:** Modify the brightness levels to suit your requirements.
- **Four Dynamic Lighting Modes:** SMOOTH, FLASH, STROBE, and FADE.
- **Touch and Remote Control:** Use the touch button or remote to turn the light on or off and alter its color.

Brightness -   5%   100%   Brightness +

Decrease brightness: 4 grades

Increase brightness: 4 grades

About 20-26 Feet

120°

OFF
ON
16 default colors
7 color flashing in cycle
7 color changing in cycle from bright to dim
7 color change gradually
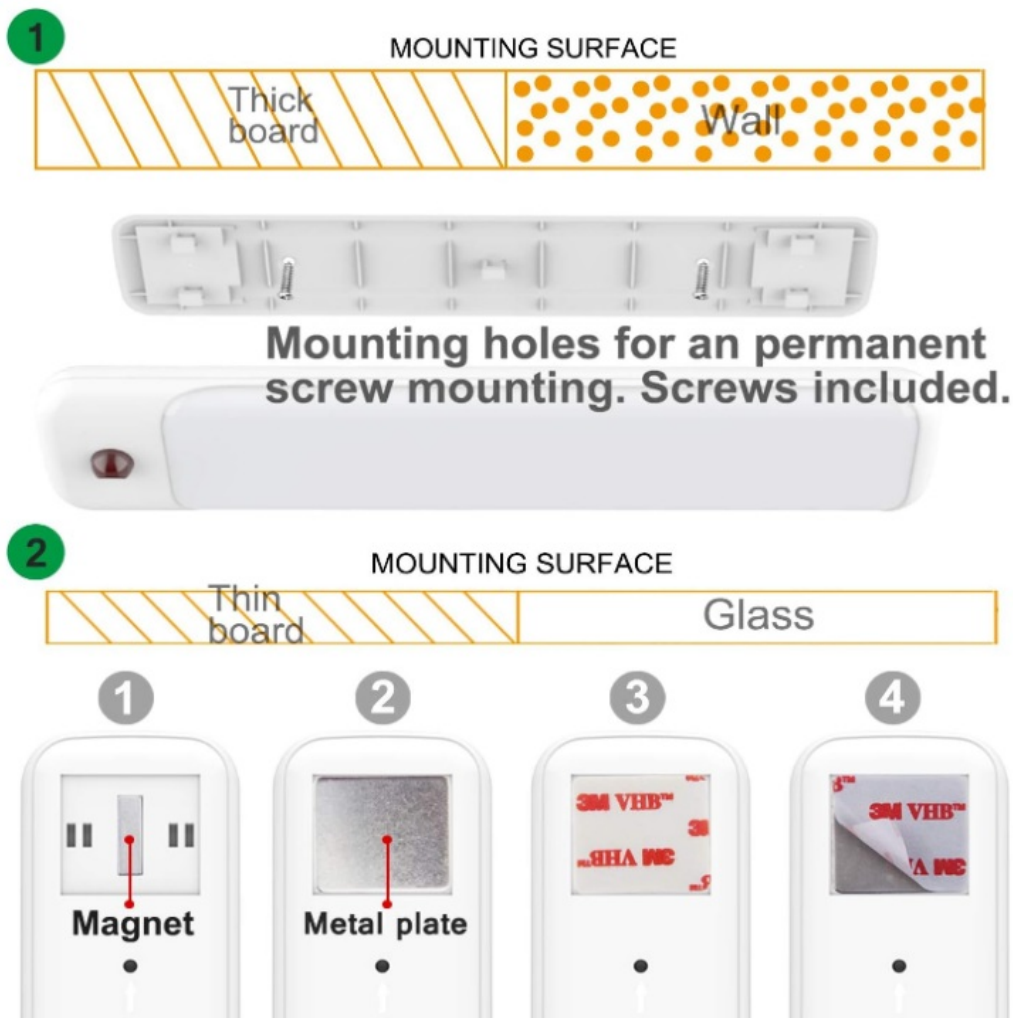7 color flashing in cycle plus RGB color change gradually

- **Magnetic Mounting:** Allows for a tool-free installation by simply adhering to metal surfaces.
- **Adhesive Tape Installation:** For non-metal surfaces, sturdy double-sided tape can be used for mounting.
- **Screw Mount Option:** This option adds rigidity for a permanent fixture by employing screws.
- **Compact & Lightweight Design:** At only 7.37 ounces, this device is incredibly portable and adaptable.
- **Energy-Efficient LED Technology:** LED technology Reduces energy usage by using only 2 watts of power.
- **Long Lifespan:** LEDs have a lifespan of roughly 30,000 hours.
- **Versatile Uses:** Perfect for closets, stairwells, shelves, under cabinets, and do-it-yourself projects.

SETUP GUIDE

- **Unpack the Light Bar:** Take the light bar out of the box together with its attachments (remote, screws, sticky tape, and magnetic mounts).
- **Place Batteries:** As directed, place six AA batteries into the battery compartment.
- **Verify the Remote Control:** For best results, make sure the battery is operational.
- **Choose the Installation Method:** Depending on the surface, choose between screws, magnetic mounting, or adhesive tape.
- **Clean the Surface:** To improve adhesion, wipe off the installation area to get rid of any dust or oil.
- **Apply Adhesive Tape (Option 1):** Attach the light to the selected surface by adhering the double-sided tape that comes with it to the back of the lamp.
- **Use Magnetic Mount (Option 2):** To make repositioning the light simple, attach it to a magnetic surface.

Mounting holes for an permanent screw mounting. Screws included.

- **Screw Installation (Option 3):** Use the supplied screws to fasten the lamp after drilling tiny pilot holes.
- **Turn the Light On:** To turn on the light, press the touch button or use the remote control.
- **Choose Light Color:** To choose from 16 different colors, press the color buttons on the remote.
- **Adjust Brightness:** To change the intensity, use the brightness sliders.
- **Alter Lighting Mode:** For a variety of effects, experiment with the four dynamic modes (FLASH, STROBE, FADE, and SMOOTH).
- **Set Timer:** Some remote controls include the ability to automatically switch off lights by setting a timer.
- **Test Position & Adjust:** Use the magnetic base to make sure everything is positioned correctly and to move it if necessary.
- **Secure Final Position:** After you're happy, tighten screws for a stable fit or press forcefully for improved adherence.

CARE & MAINTENANCE

- **Replace Batteries Promptly:** As soon as the brightness begins to diminish, replace the AA batteries.
- **Clean the Light Surface:** Dust and debris can be removed off the light bar using a soft cloth.
- **Avoid Water Exposure:** To avoid damage, keep light away from damp areas.
- **Verify Adhesive Stability:** To make sure adhesive tape stays in place, press it firmly every so often.
- **Examine Magnetic Mounts:** Make sure the light is securely fastened if you want to use the magnetic option.
- **Test the Remote Frequently:** If the reaction time starts to lag, change the battery.
- **Stay Away from Extreme Heat:** Keep the light away from heat sources that could shorten the battery's

lifespan.

- **Avoid Rough Handling:** Avoid dropping the light bar as this could harm the LED parts.
- **Store in a Dry Place:** To avoid deterioration, store the light bar in a dry location when not in use.
- **Avoid Extended Use:** To save battery life, turn off the light when not in use.
- **Make Sure Batteries Are Oriented Correctly:** In order to avoid damaging the circuit, make sure batteries are inserted appropriately.
- **Verify Screw Tightness:** To ensure stability, tighten screws if the item is mounted with them on a regular basis.
- **Remove Batteries During Extended Storage:** To avoid leaks, take the batteries out of the lamp if you won't be using it for a long time.
- **Use New Batteries Only:** To preserve efficiency, only use brand-new batteries of the same kind. Avoid mixing old and new ones.
- **Handle Carefully When Repositioning:** To prevent destroying adhesive or surface coatings, carefully remove the light when moving it.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Light does not turn on	Dead or improperly inserted batteries	Replace batteries and check polarity
Remote is not working	Blocked IR sensor or dead battery	Ensure direct line of sight and replace remote battery
Light flickers randomly	Low battery power	Replace with fresh batteries
Colors do not change properly	Remote signal interference	Ensure no obstacles between remote and light
Light is too dim	Batteries running low	Replace batteries for optimal brightness
Remote range is too short	Weak IR signal	Use remote closer to the light
Light turns off unexpectedly	Auto-off timer activated	Check remote settings for timer functions
Uneven lighting output	LED strip issue or loose battery connection	Adjust battery placement or contact support
Adhesive not sticking properly	Dusty or uneven surface	Clean and dry the surface before sticking
Light bar not responding	Internal circuit issue	Reset by removing and reinserting batteries

PROS & CONS

Pros	Cons
Wireless & battery-powered for easy installation	Requires frequent battery replacement
Remote control functionality for added convenience	Not as bright as wired LED bars
Compact & lightweight design for versatility	Limited color customization options
Affordable price at $18.99	IR remote requires a direct line of sight
Energy-efficient 2W power consumption	No app or Bluetooth control option

WARRANTY

The LUXSWAY DY52IR-16C LED Color Light Bar comes with a **one-year limited warranty** covering manufacturing defects and malfunctions under normal use. The warranty does not cover damage due to improper installation, modifications, or battery-related issues. Customers can contact LUXSWAY customer support for claims and replacements.

FREQUENTLY ASKED QUESTIONS

What type of controller does the LUXSWAY DY52IR-16C LED Color Light Bar use?

The LUXSWAY DY52IR-16C comes with a remote control that utilizes IR (Infrared) connectivity technology for easy operation.

What is the wattage of the LUXSWAY DY52IR-16C LED Color Light Bar?

The LUXSWAY DY52IR-16C has a low energy consumption of 2 watts, making it an energy-efficient lighting choice.

What is the voltage requirement for the LUXSWAY DY52IR-16C LED Color Light Bar?

The LUXSWAY DY52IR-16C operates on 9 volts, ensuring safe and efficient performance.

What is the size and weight of the LUXSWAY DY52IR-16C LED Color Light Bar?

The LUXSWAY DY52IR-16C measures 0.85 x 4.09 x 0.32 inches and weighs 7.37 ounces, making it a compact and lightweight lighting option.

What is the lighting method used in the LUXSWAY DY52IR-16C LED Color Light Bar?

The LUXSWAY DY52IR-16C utilizes LED lighting technology, providing bright and energy-efficient illumination.

Does the LUXSWAY DY52IR-16C LED Color Light Bar have adjustable brightness?

LUXSWAY DY52IR-16C includes a remote control that allows users to adjust brightness levels for customized lighting.

Why is my LUXSWAY DY52IR-16C LED Color Light Bar not turning on?

Ensure the batteries are properly installed and have sufficient charge. Also, check if the remote control has a clear line of sight to the IR sensor.

Why is the remote control not working with my LUXSWAY DY52IR-16C LED Color Light Bar?

Make sure the batteries in the remote are functional and that you are operating it within the IR signal range.

References

- **[User Manual](#)**