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› OPPSK 240W 448LED RGBWA DMX Light Bar Instruction Manual

OPPSK OK-0125-448RGBWA

OPPSK 240W 448LED RGBWA DMX Light Bar Instruction Manual

Model: OK-0125-448RGBWA

Brand: OPPSK

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1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your OPPSK 240W 448LED RGBWA DMX Light Bar. Please read this manual thoroughly before operating the device and retain it for future reference.



Image 1.1: The OPPSK 240W 448LED RGBWA DMX Light Bar, showcasing its multi-color capabilities.

2. SAFETY INFORMATION

WARNING: To prevent fire and electric shock, do not expose this unit to rain or moisture.

- Always connect the unit to a grounded circuit to avoid the risk of electrocution.
- Ensure the power voltage matches the voltage specified on the unit.
- Do not open the housing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source.
- Ensure proper ventilation around the unit. Do not block ventilation openings.
- Disconnect from power before cleaning or servicing.
- Do not operate the unit if the power cord is damaged.

3. KEY FEATURES

- **Versatile LED Configuration:** Features a central strip of 112 x 0.5-Watt cool white and 112 x 0.5-Watt Amber SMD LEDs, surrounded by 224 x 0.5-Watt RGB color mixing SMD LEDs.
- **Dynamic Lighting Effects:** Capable of intense white strobing, colored washes, and strobe effects with independently controllable zones (16 white & amber, 32 RGB).
- **Enhanced Focus:** Advanced rounded convex lenses deliver concentrated, brighter light output for powerful, focused stage lighting.
- **Wide Beam Angle:** 65-degree beam angle, suitable for large venues.
- **Adjustable Strobe Speed:** Allows for customization of strobe effects.
- **Multiple DMX Modes:** Supports 5 DMX modes (7, 13, 82, 130, and 135 channels) for flexible control.
- **Built-in Programs:** Includes 68 RGB LED and 36 white & amber LED program macros for quick setup.
- **User-Friendly Interface:** Rear LCD menu with 4 touch buttons for easy DMX addressing and mode configuration.
- **Seamless Connectivity:** Locking end caps on both sides enable easy installation and end-to-end pixel spacing for uninterrupted lighting effects.
- **Durable and Portable Design:** Lightweight aluminum casing, measuring 1m (39.4") in length and weighing 5.8 lbs (2.7 kg), with locking power input/output sockets and DMX in/out ports for daisy-chaining.



Image 3.1: Visual representation of the light bar's operating modes and features.

4. WHAT'S IN THE BOX

- 1 x 448LEDs 240W Stage Wash Light Bar
- 1 x Power Cable
- 1 x User Manual (this document)
- 2 x Screws Knobs
- 2 x Metal Brackets



Image 4.1: All components included with your OPPSK 240W 448LED RGBWA DMX Light Bar.

5. SPECIFICATIONS

Feature	Detail
Model Number	OK-0125-448RGBWA
Light Source Type	Light Emitting Diode (LED)
LED Configuration	224 RGB LEDs, 112 White LEDs, 112 Amber LEDs (Total 448 LEDs)
Wattage	240 Watts
Voltage	110 Volts
Beam Angle	65 Degrees
DMX Modes	7, 13, 82, 130, 135 Channels
Material	Aluminum

Color	Black
Product Dimensions	41.2"L x 4.8"W x 3.2"H (104.5cm x 12cm x 8cm)
Item Weight	5.8 lbs (2.7 kg)
Mounting Type	Surface Mount (with included brackets)



Image 5.1: Dimensions and key components of the light bar.

6. SETUP

6.1 Mounting

The light bar is designed for versatile mounting. Use the included metal brackets and screws to secure the unit to a truss,

wall, or floor. Ensure the mounting surface can support the weight of the fixture and any additional equipment.

- Attach the metal brackets to the light bar using the provided screw knobs.
- Secure the brackets to your desired mounting surface. The adjustable brackets allow for precise positioning.

6.2 Power Connection

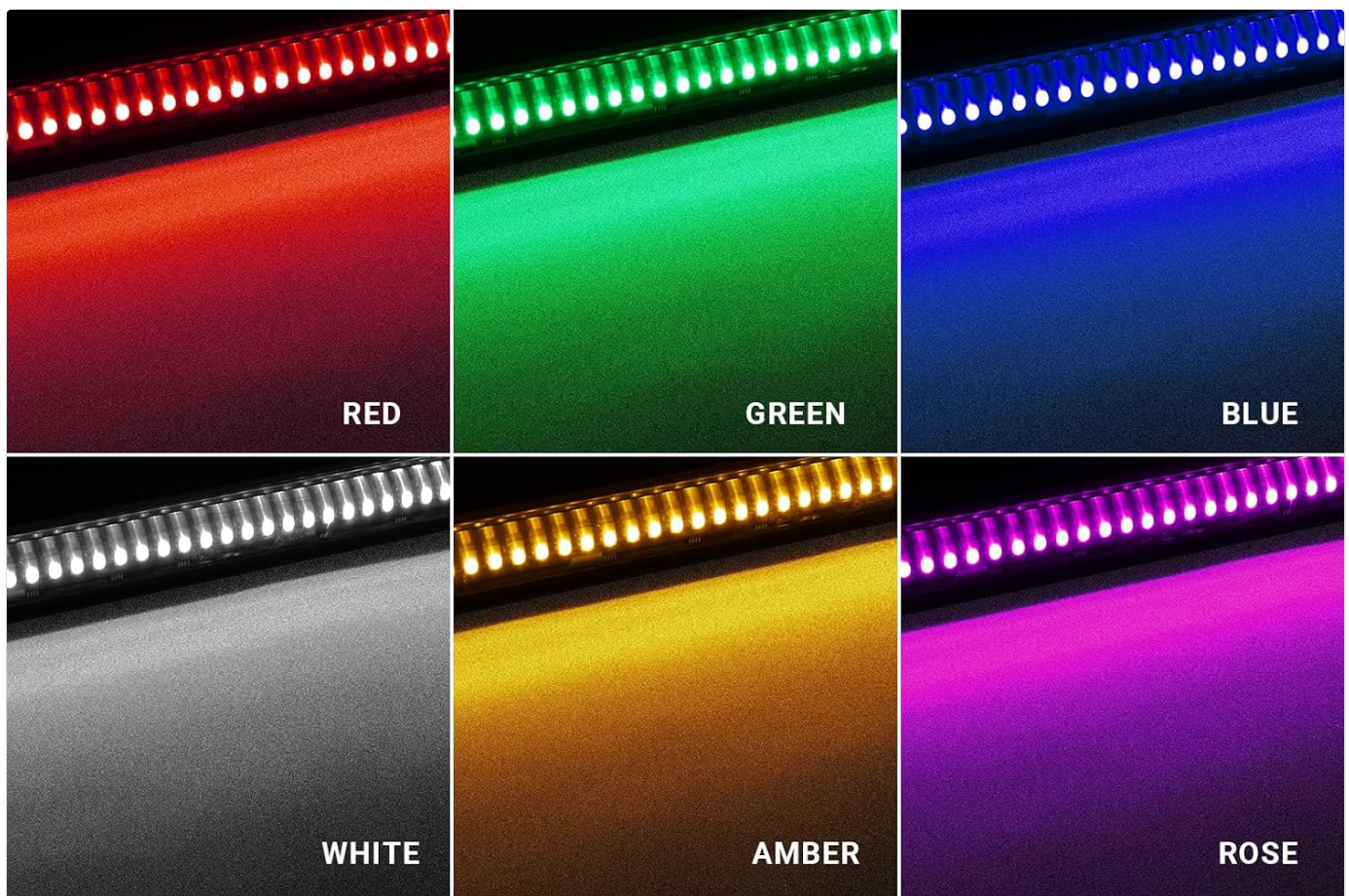
Connect the included power cable to the power input socket on the light bar. Plug the other end into a standard 110V AC power outlet. The light bar features locking power input/output sockets for secure connections.

6.3 Daisy-Chaining Power

For multiple units, you can daisy-chain power by connecting the power output of one fixture to the power input of the next. This allows for a tidy setup and reduces the number of power outlets required. The light bar supports daisy-chaining up to 6 fixtures.

6.4 DMX Connection

To control the light bar via DMX, connect a DMX controller to the DMX IN port using a 3-pin DMX cable. If daisy-chaining multiple DMX fixtures, connect the DMX OUT of the first fixture to the DMX IN of the next. Ensure the last fixture in the chain has a DMX terminator connected to its DMX OUT port (not included).



240W 448LEDs STAGE PIXEL BAR

RGBWA Color Mixing

224LEDs RGB | 112 White & 112 Amber LEDs

32 RGB | 16 White & Amber Controllable Zones

Image 6.1: The light bar's RGBWA LED configuration for diverse color mixing.

7. OPERATION

The light bar can be operated in various modes, including DMX, auto, sound-activated, and master-slave. Use the rear LCD menu and touch buttons (MENU, UP, DOWN, ENTER) to navigate and configure settings.

7.1 DMX Control

For advanced control, connect the light bar to a DMX controller. The unit supports 5 DMX channel modes: 7, 13, 82, 130, and 135 channels. Select the desired DMX mode and set the DMX address using the LCD menu. Refer to your DMX controller's manual for specific programming instructions.

7.2 Built-in Programs

The light bar includes 68 RGB LED and 36 white & amber LED built-in program macros. These programs offer quick and impactful lighting effects without the need for a DMX controller. Navigate through the programs using the LCD menu to select your preferred effect.

PIXEL STROBE CHASES STAGE LIGHT BAR

224PCS RGB COLOR WASH



112PCS AMBER STROBE EFFECTS / 112PCS WHITE STROBE EFFECTS



PIXEL MAPPING GENERATE STROBE CHASES



32 RGB PIXEL + 16 COOL WHITE PIXEL + 16 AMBER PIXEL

Image 7.1: Example of pixel strobe chases generated by the light bar.

7.3 Sound-Activated Mode

In sound-activated mode, the light bar reacts to ambient sound, creating dynamic lighting effects synchronized with music or other audio. Activate this mode via the LCD menu.

7.4 Master-Slave Mode

Connect multiple light bars using DMX cables to operate them in master-slave mode. Set one unit as the master and the others as slaves. The slave units will mirror the master unit's settings and effects, allowing for synchronized lighting across multiple fixtures.

8. MAINTENANCE

8.1 Cleaning

Regular cleaning helps maintain optimal light output and extends the lifespan of the unit.

- Disconnect the unit from power before cleaning.
- Use a soft, lint-free cloth to wipe the exterior and lenses.
- Do not use abrasive cleaners or solvents.

8.2 Storage

When not in use, store the light bar in a dry, dust-free environment. If storing for extended periods, consider using the original packaging to protect the unit.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected, outlet not active, fuse blown.	Check power cable connection, test outlet, replace fuse if necessary.
No DMX control	Incorrect DMX address, faulty DMX cable, DMX controller issue, incorrect DMX mode.	Verify DMX address and mode settings, check DMX cable integrity, ensure DMX controller is functioning correctly.
Lights flickering or erratic behavior	Loose connections, DMX signal interference, power fluctuations.	Secure all connections, use a DMX terminator on the last fixture, ensure stable power supply.

10. WARRANTY & SUPPORT

OPPSK products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official OPPSK website. For technical support, product inquiries, or service, please contact OPPSK customer service through their official channels. You can find more information and support on the [OPPSK Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question