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OPPSK HYT-021-18P2

OPPSK 180W RGBW Par Lights DMX - Instruction Manual

Model: HYT-021-18P2

INTRODUCTION

Thank you for choosing the OPPSK 180W RGBW Par Lights. These versatile LED stage lights are designed to provide vibrant and dynamic lighting effects for various events and performances. Featuring 18 LEDs with 4-in-1 RGBW color mixing, they offer smooth color transitions and powerful illumination. This manual provides essential information for safe installation, operation, and maintenance of your par lights.

IMPORTANT SAFETY INFORMATION

- Always connect the fixture to a grounded circuit.
- Ensure the voltage of the power source matches the fixture's requirements (110V).
- Do not operate the fixture if the power cord is damaged.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the fixture to prevent overheating.
- Keep the fixture away from flammable materials.
- Only qualified personnel should perform repairs.
- Disconnect power before cleaning or servicing.

WHAT'S IN THE BOX

Upon unpacking, please verify that all components listed below are included and in good condition:

- 2 x 18LEDs RGBW Par Lights
- 2 x Power Cables
- 2 x Remote Controllers
- 4 x Brackets & Knobs & Screws
- 1 x User Manual (this document)



Figure 1: Package Contents

If any items are missing or damaged, please contact customer support immediately.

PRODUCT OVERVIEW

The OPPSK 180W RGBW Par Light is a compact and powerful lighting fixture designed for various applications. It features 18 high-brightness LEDs capable of producing a wide spectrum of colors through RGBW (Red, Green, Blue, White) mixing.



180W DJ PAR LIGHTS 2 PACK

Perfect Brightness Any Venue Every Occasion

Figure 2: Product Components and Remote Control

Key Features:

- **18 x 4-in-1 RGBW LEDs:** Provides rich, smooth color mixing and vibrant output.
- **25-Degree Beam Angle:** Ideal for uplighting, stage washing, and wall washing.
- **Multiple Control Modes:** DMX512 (4/8 channels), Sound-Activated, Auto-Play, Master-Slave, Static Color, Color Changing, Color Fading, Strobing.
- **Remote Control:** Convenient wireless control for various functions.
- **LCD Display:** 4-button interface for easy menu navigation and setting adjustments.
- **Dual Handle Design:** Allows for flexible mounting on trusses, walls, ceilings, or as a floor uplight.
- **Built-in Cooling Fan:** Ensures stable performance and prevents overheating.



Figure 3: Product Dimensions and Features

SETUP

1. Mounting the Brackets:

1. Attach the provided brackets to the sides of the par light using the included knobs and screws.
2. Ensure the brackets are securely fastened.
3. The dual handle design allows for various mounting configurations:
 - **Truss Mount:** Use appropriate clamps (not included) to attach the light to a lighting truss.
 - **Wall/Ceiling Mount:** Secure the brackets to a sturdy surface using suitable hardware (not included).
 - **Floor Stand:** Position the light on a flat surface, adjusting the angle with the brackets.

2. Power Connection:

- Connect the included power cable to the power input on the back of the fixture.









- Plug the other end of the power cable into a standard 110V AC grounded outlet.
- The light will power on automatically.

3. Initial Power-On:

Upon connecting power, the LCD display on the back of the unit will illuminate, and the light will typically enter an automatic mode or the last used mode.

OPERATING MODES

The OPPSK Par Light offers multiple operating modes, which can be selected via the LCD display on the back panel or the included remote control.

 <p>Dimming</p>	 <p>Sound Activated</p>	 <p>Master-Slave</p>	 <p>DMX512</p>
 <p>Remote Control</p>	 <p>Strobe</p>	 <p>Fade</p>	 <p>RGBW</p>

180-WATT 18LEDS STAGE PAR LIGHT

Multi Lighting Effects & Modes



Figure 4: Multi-Lighting Effects & Modes

- **Auto-Play Mode:** The light cycles through various pre-programmed color changes and effects automatically.
- **Static Color Mode:** Select a single, constant color (Red, Green, Blue, White, or mixed colors).

- **Color Changing Mode:** Colors transition smoothly from one to another.
- **Color Fading Mode:** Colors fade in and out.
- **Strobing Mode:** The light flashes rapidly.
- **Sound-Activated Mode:** The light reacts to ambient sound or music, changing patterns and colors in sync with the beat.
- **Master-Slave Mode:** Link multiple par lights together. One unit acts as the master, controlling all other slave units to synchronize effects.
- **DMX Control Mode:** For professional control using a DMX controller.



Figure 5: Master-Slave Mode for synchronized lighting



Figure 6: Sound-Activated Mode

DMX CONTROL

The OPPSK Par Light supports DMX512 protocol, allowing for precise control via an external DMX controller. It offers 4-channel and 8-channel modes.

Connecting DMX:

1. Connect a DMX cable from your DMX controller's output to the DMX IN port of the first par light.
2. To daisy-chain multiple lights, connect a DMX cable from the DMX OUT port of the first light to the DMX IN port of the next light, and so on.
3. Set the DMX address for each fixture using the LCD display and buttons. Ensure each fixture has a unique starting address.
4. Select the desired DMX channel mode (4CH or 8CH) on each fixture.



Figure 7: DMX Control Setup

DMX Channel Functions (Example for 8-Channel Mode):

Channel	Function	Value Range
CH1	Master Dimmer	0-255 (0% - 100%)
CH2	Red Intensity	0-255 (0% - 100%)
CH3	Green Intensity	0-255 (0% - 100%)
CH4	Blue Intensity	0-255 (0% - 100%)
CH5	White Intensity	0-255 (0% - 100%)
CH6	Strobe Speed	0-255 (Slow to Fast)
CH7	Color Macro / Auto Program	0-255 (Various presets)
CH8	Sound Sensitivity	0-255 (Low to High)

Note: Refer to the specific DMX chart in the included user manual for exact channel assignments and values.

REMOTE CONTROL

The included IR remote control provides convenient wireless access to various functions and modes.



Figure 8: Remote Control in use

Remote Functions:

- **ON/OFF:** Powers the light on or off.
- **R/G/B/W Buttons:** Activates Red, Green, Blue, or White static colors.
- **Color Buttons:** Selects various pre-mixed static colors.
- **AUTO:** Activates Auto-Play mode.
- **FADE:** Activates Color Fading mode.
- **JUMP:** Activates Color Changing mode.
- **STROBE:** Activates Strobing mode.
- **SOUND:** Activates Sound-Activated mode.
- **+/- Buttons:** Adjusts brightness, speed of effects, or sound sensitivity depending on the active mode.

Ensure the remote control has a clear line of sight to the front of the par light for optimal operation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your OPPSK Par Lights.

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Fan Cleaning:** Ensure the cooling fan and vents are free from dust and debris to maintain proper airflow and prevent overheating.
- **Cable Inspection:** Regularly check power and DMX cables for any signs of damage, fraying, or loose connections. Replace damaged cables immediately.
- **Storage:** When not in use, store the lights in a dry, dust-free environment, preferably in their original packaging or a protective case.

Always disconnect the power before performing any cleaning or maintenance.

TROUBLESHOOTING

If you encounter issues with your OPPSK Par Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty cable, or internal issue.	Check power connection and outlet. Test with a different power cable. If problem persists, contact support.
No DMX control.	Incorrect DMX address, wrong channel mode, faulty DMX cable, or DMX controller issue.	Verify DMX address and channel mode settings. Check DMX cable connections. Ensure DMX controller is functioning correctly.
Remote control not working.	Blocked line of sight, dead battery, or remote too far.	Ensure clear line of sight to the light's IR receiver. Replace remote battery. Operate within effective range.
Light overheats.	Blocked ventilation, excessive ambient temperature.	Ensure cooling fan and vents are clear. Operate in a well-ventilated area.

For issues not covered here, please contact OPPSK customer support.

SPECIFICATIONS

Feature	Detail
Model Number	HYT-021-18P2
Light Source	18 x RGBW LEDs (4-in-1)
Wattage	180 Watts
Voltage	110 Volts
Beam Angle	25 Degrees
Control Modes	DMX512 (4/8CH), Sound-Activated, Auto-Play, Master-Slave, Static Color, Color Changing, Color Fading, Strobging
Material	Plastic
Color	Black
Product Dimensions	8.9"L x 6.9"W x 9"H

Feature	Detail
Item Weight	5.61 pounds

WARRANTY AND SUPPORT

OPPSK provides a **12-month warranty** for these par lights, covering manufacturing defects and malfunctions under normal use. Additionally, we offer **lifetime after-sales support** to ensure your satisfaction.

For warranty claims, technical assistance, or any questions regarding your product, please contact OPPSK customer service. Our team is available to provide support and resolve any issues you may encounter.

Contact information can typically be found on the product packaging or the official OPPSK website.

OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An overview of the OPPSK stage par lights, demonstrating various color changes and effects in action.

