

OPPSK HYT

OPPSK HYT 120W RGBW LED Stage Strobe Effect Light User Manual

Model: HYT | Brand: OPPSK

1. INTRODUCTION

The OPPSK HYT 120W RGBW LED Stage Strobe Effect Light is a versatile lighting fixture designed for various events and venues. It features 256 RGB LEDs and 128 cold white SMD LEDs, providing massive light output and dynamic effects. This light is ideal for large stages, live shows, event venues, concerts, gigs, nightclubs, DJ parties, wedding receptions, and church events.

Key features include:

- **Powerful Strobe Effect:** Equipped with 256 RGB LEDs and 128 cold white SMD LEDs for intense light output.
- **Controllable Zones:** RGB LEDs are divided into 32 segments and White LEDs into 16 segments, with each 8-LED pixel individually controllable in DMX mode.
- **Multiple Operation Modes:** Supports Auto Play, Show, Sound Activated, Master-slave, Static Color, and DMX modes (6, 9, 64, and 112 channels).
- **Dynamic Colors and Effects:** Offers 35 pattern colors and 32 built-in effects, including bright white strobe, vibrant color washes, and light chasing effects.
- **User-Friendly LED Display:** Touch buttons allow easy navigation and adjustment of static color, effects, strobe rate, speed, brightness, sound sensitivity, and DMX channels.
- **Daisy Chain Capability:** Features a “power out” port to connect up to 8 lights in series.
- **Energy Saving & Protection:** Adjustable display backlight time and built-in temperature protection (122-149°F) to reduce power if exceeded.

2. SETUP

Before operating the light, ensure it is securely mounted and connected correctly.

2.1 Unboxing and Inspection

Carefully remove the light from its packaging. Inspect the unit for any signs of damage during transit. Ensure all components listed in the “What’s in the Box” section are present.

2.2 Mounting

The light comes with a sturdy C-channel bracket for versatile mounting options. It can be used as a floor mount or truss mount. Secure the light using appropriate clamps or hardware (not included) to a stable surface or truss system. Ensure the mounting is firm to prevent accidental movement or falling.



Figure 1: Rear view of the OPPSK HYT light, highlighting the LED display, menu buttons, power in/out ports, and 3-PIN DMX in/out ports.

2.3 Power Connection

Connect the provided power cord to the “Power In” port on the rear of the unit. The light features a secure, locking power connection to prevent accidental disconnection. For multiple units, use the “Power Out” port

to daisy chain up to 8 lights in series, connecting them to a single power source.

2.4 DMX Connection (Optional)

If using DMX control, connect a DMX cable from your DMX controller to the “DMX In” port on the light. To control multiple lights via DMX, connect the “DMX Out” port of the first light to the “DMX In” port of the next light in the chain. Ensure proper DMX termination for optimal signal integrity.

3. OPERATING MODES

The OPPSK HYT light offers six primary operation modes, accessible via the LED display and touch buttons on the rear panel.



Figure 2: Overview of the available operating modes for the light.

3.1 Auto Play Mode

In Auto Play mode, the light cycles through its built-in programs automatically. This mode is ideal for quick setup and continuous dynamic lighting without external control.

3.2 Show Mode

Show mode allows selection from a variety of pre-programmed shows. Use the menu buttons to browse and select a specific show that fits your event's atmosphere.

3.3 Sound Activated Mode

The Sound Activated mode enables the light to react to ambient sound or music. The light's effects will synchronize with the beat, creating an interactive visual experience. Adjust sound sensitivity via the menu if needed.

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Video 1: Demonstration of the 384 LED Strobe Light in various sound-activated and auto modes, showcasing its dynamic color and pattern changes.

3.4 Master-slave Mode

For synchronized lighting across multiple units, use Master-slave mode. Designate one light as the Master, and connect other lights as Slaves via DMX cables. The Slave units will replicate the Master's effects.

3.5 Static Color Mode

In Static Color mode, you can select and display a single, continuous color. This is useful for uplighting or setting a consistent mood.

3.6 DMX Control Mode

DMX mode provides granular control over the light's functions using an external DMX controller. The light supports 6, 9, 64, and 112 DMX channels, allowing for precise adjustments of individual LED segments, colors, strobe rates, and effects. Refer to the included user manual for detailed DMX channel assignments.

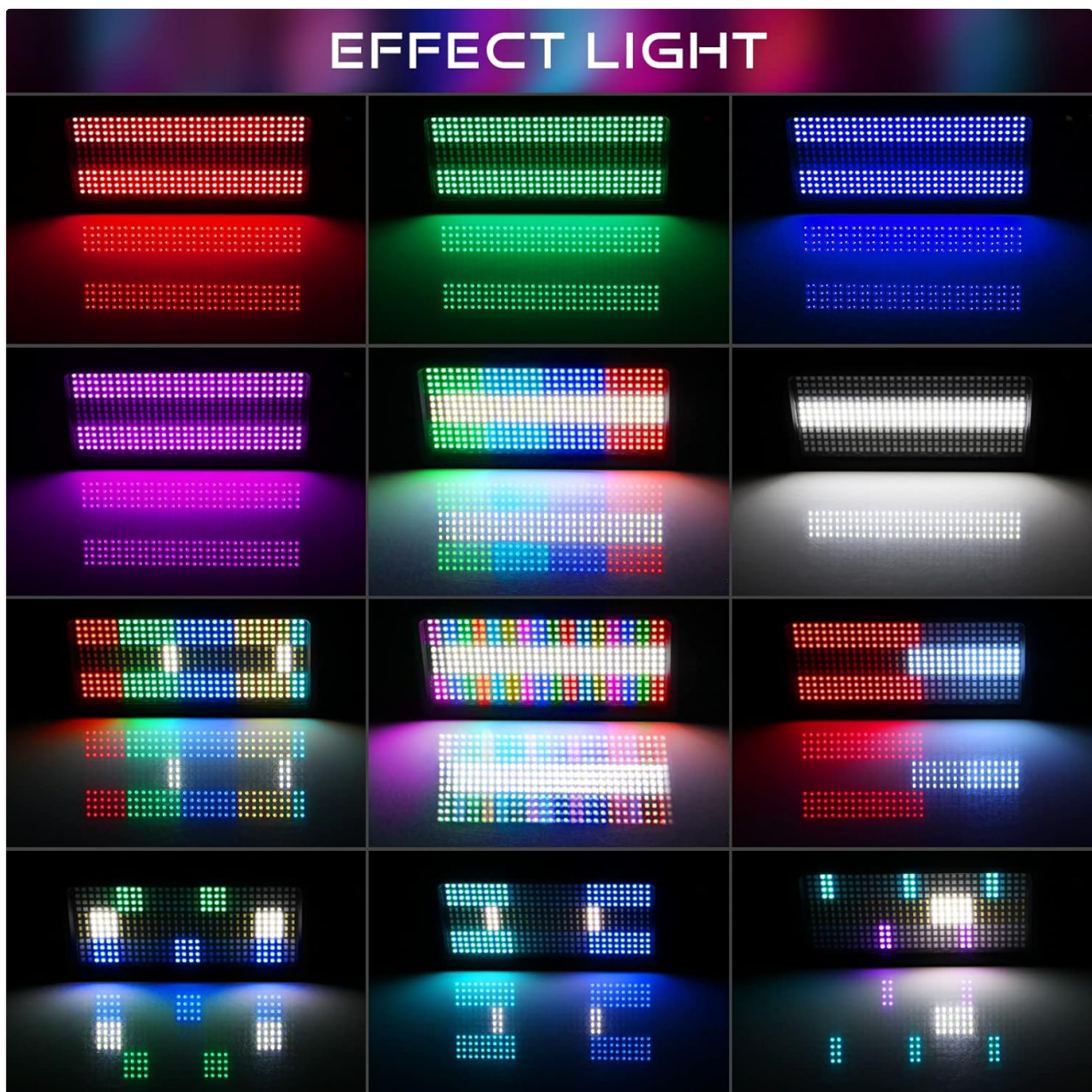


Figure 3: Examples of diverse lighting effects and patterns achievable with the OPPSK HYT light.

4. MAINTENANCE

To ensure the longevity and optimal performance of your OPPSK HYT light, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the light with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or LED lenses.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating. The light has a built-in forced air cooling system.
- **Storage:** When not in use, store the light in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check all power and DMX cables for any signs of wear, cuts, or damage. Replace damaged cables immediately to prevent electrical hazards.

5. TROUBLESHOOTING

If you encounter issues with your OPPSK HYT light, refer to the following common troubleshooting steps:

- **No Power:** Check the power cable connection to both the light and the power outlet. Ensure the outlet is functional.
- **No Light Output:** Verify that the light is in an active mode (not off or paused). Check brightness settings.
- **DMX Control Issues:** Ensure DMX cables are correctly connected and the DMX address on the light matches your controller's settings. Check for proper DMX termination.
- **Sound Mode Not Responding:** Adjust the sound sensitivity setting via the LED display. Ensure there is sufficient audio input for the microphone to detect.
- **Overheating:** If the light reduces power or shuts down, check for blocked ventilation. Allow the unit to cool down. The built-in protection temperature range is 122-149°F.

6. SPECIFICATIONS

Feature	Specification
Brand	OPPSK
Model Number	HYT
Light Source Type	LED
Number of Light Sources	384 (256 RGB, 128 Cold White)
Maximum Compatible Light Source Wattage	120 Watts
Power Source	Corded Electric
Voltage	110 Volts
Amperage	1.09 Amps
Color	Black
Material	Plastic
Item Weight	4.2 Pounds
Item Dimensions L x W x H	12.6"L x 5.9"W x 3.1"H
Mounting Type	Floor Mount/Truss Mount
Light Source Special Features	Dimmable

7. WHAT'S IN THE BOX

- 1 x Stage Effect Light
- 1 x Power Cord
- 1 x User Manual

8. WARRANTY AND SUPPORT

OPPSK provides a 12-month warranty for this product. For any inquiries or support needs, please contact

customer service. 24-hour email service is available for worry-free assistance.