HYUDJ HYU-60WStrobe

Instruction Manual

Product: 60W Mini LED Strobe RGB 3in1 8 Partition +White 8000K 4Partition DMX Super Bright DJ Wash Bar Strobe Stage Lighting Effects
Brand: HYUDJ
Model: HYU-60WStrobe

1. Introduction

The HYUDJ 60W Mini LED Strobe is a versatile stage lighting effect designed for various events. It features 1008 pieces of RGB 3-in-1 LEDs and 112 white LEDs, allowing for a wide range of lighting effects including color jumping, gradual color change, static colors, and a 1-25 FPS strobe effect. The robust design is made of high-quality engineering plastic with a honeycomb structure for durability and aesthetic appeal. This manual provides essential information for proper installation, operation, and maintenance of the device.



Figure 1.1: HYUDJ 60W Mini LED Strobe Light

2. What's in the Box

Please check the contents of your package to ensure all items are present:

- One HYUDJ 60W Mini LED Strobe Light unit
- One power cable (1.2m US standard plug)
- One DMX cable (1m)
- One bow mount bracket
- Two screws for mounting
- One user manual (this document)

3. Setup

3.1 Physical Installation

The HYUDJ 60W Mini LED Strobe Light can be installed in various positions using the included bow mount bracket. Ensure the mounting surface is stable and can support the weight of the fixture.

- Attach the bow mount bracket to the sides of the light unit using the provided screws.
- Securely mount the fixture to a truss, wall, or floor using appropriate clamps or fasteners (not included).
- Adjust the angle of the light as needed by loosening the side knobs on the bracket, tilting the fixture, and then tightening the knobs to secure its position.

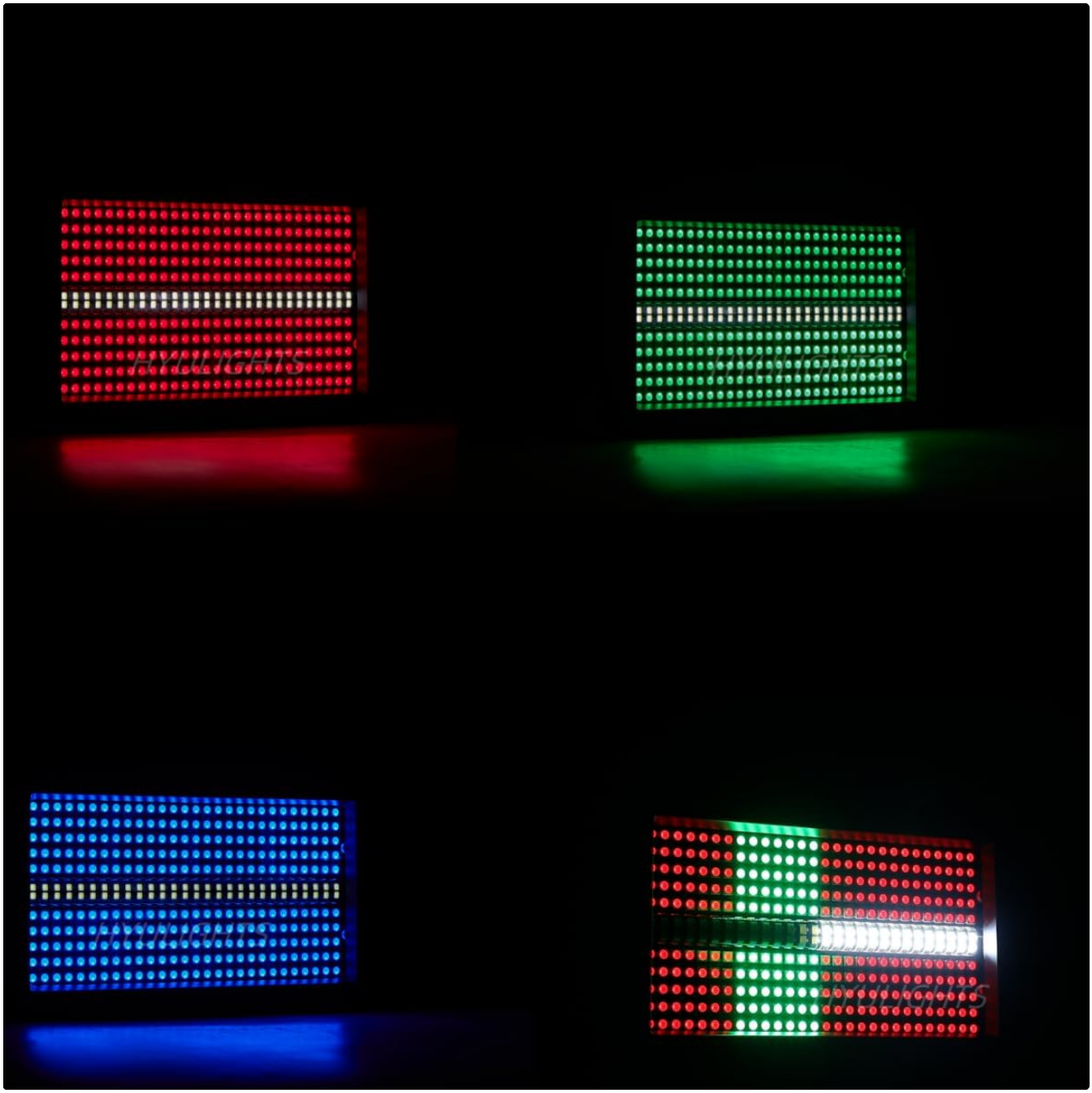


Figure 3.1: Side view with mounting bracket

3.2 Connections

All input and output ports are located on the rear panel of the fixture.

- **Power Connection:** Connect the included power cable to the power input port on the rear of the unit and then to a compatible AC90V-240V, 50-60Hz power outlet.
- **DMX Connection:** For DMX control, connect a 3-pin XLR DMX cable from your DMX controller's output to the DMX IN port on the fixture. If linking multiple units, connect from the DMX OUT of the first fixture to the DMX IN of the next.



Figure 3.2: Rear panel with connections

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Video 3.1: Overview of the HYUDJ 60W Mini LED Strobe Light, demonstrating its physical features, connection ports, and various lighting effects.

4. Operating Modes

The HYUDJ 60W Mini LED Strobe Light offers multiple control modes to suit different performance scenarios:

- **DMX512 Mode:** Allows for precise control over various parameters using a DMX controller.
- **Master/Slave Mode:** Link multiple units where one acts as the master, controlling the others.
- **Sound Active Mode:** The light reacts to ambient sound, creating dynamic effects.
- **Work Auto Mode:** Pre-programmed automatic lighting sequences.

4.1 DMX Control

The fixture supports DMX channels including 5, 11, 336, and 347 with RDM (Remote Device Management) capabilities. Refer to the DMX chart in the full user manual for detailed channel assignments and functions.

4.2 Built-in Effects

The light features 312 built-in effect modes, including:

- **Color Jumping:** Rapid changes between different colors.
- **Color Gradual Change:** Smooth transitions between colors.
- **Static Color:** Display of a single, constant color.
- **Strobe Effect:** Adjustable flash rate from 1-25 flashes per second (FPS).
- **Numbers and English Letters:** Display of alphanumeric characters.

The speed of these effects can be adjusted to your preference.



Figure 4.1: RGB 3-in-1 LED display



Figure 4.2: Various color effects

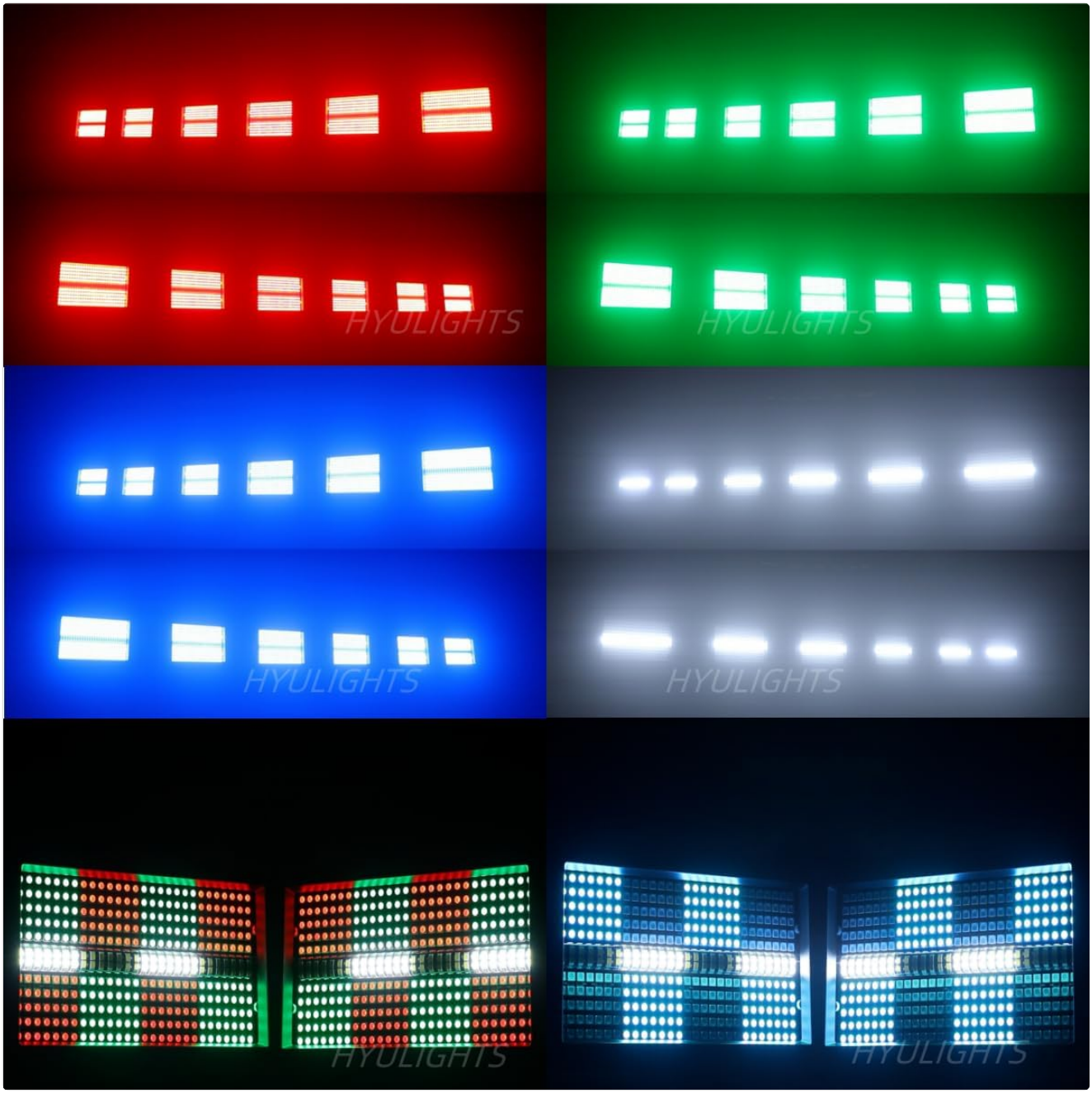


Figure 4.3: Dynamic lighting patterns

5. Maintenance

To ensure the longevity and optimal performance of your HYUDJ 60W Mini LED Strobe Light, regular maintenance is recommended:

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, dry cloth. Do not use harsh chemicals or abrasive materials. Ensure the fan vents are clear of dust and debris to prevent overheating.
- **Inspection:** Regularly inspect all cables and connections for any signs of wear or damage. Ensure all mounting hardware is secure.
- **Storage:** When not in use, store the fixture in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your HYUDJ 60W Mini LED Strobe Light, please refer to the following common problems and solutions:

- **No Power:**
  - Check if the power cable is securely connected to both the fixture and the power outlet.
  - Verify that the power outlet is functional.
  - Ensure the power switch on the fixture is in the 'ON' position.
- **No Light Output:**
  - Confirm the fixture is receiving power.
  - Check the selected operating mode. If in DMX mode, ensure a valid DMX signal is being received and the DMX address is correctly set.
  - Adjust dimmer settings; ensure it's not set to 0%.
- **Incorrect DMX Control:**
  - Verify the DMX address on the fixture matches the address set on your DMX controller.
  - Check DMX cable connections for proper seating and continuity.
  - Ensure a DMX terminator is used on the last fixture in the DMX chain.
- **Overheating:**
  - Ensure adequate ventilation around the fixture. Do not block air vents.
  - Operate the fixture within its specified ambient temperature range.

If the problem persists after attempting these solutions, please contact HYUDJ customer support for further assistance.

7. Specifications

Feature	Detail
Brand	HYUDJ
Model Number	HYU-60WStrobe
Power Source	Corded Electric
Voltage	AC90V-240V, 50-60Hz
Power Consumption	60W
Light Source Type	LED
LED Configuration	1008 pcs SMD5050 RGB 3in1 LED + 112 pcs 0.2W White LED
DMX Channels	5/11/336/347 Channel with RDM
Control Modes	DMX512, Master/Slave, Sound Active, Work Auto
Strobe Speed	1-25 FPS (adjustable)
Dimmer	0-100% smooth dimming
Housing Material	Engineering Plastic, Aluminum
Product Dimensions	11.22"L x 5.9"W x 4.72"H (28.5cm x 15cm x 12cm)

Item Weight	2.05 pounds (0.93 kg)
Color Temperature	8000K (White LEDs)

8. Warranty and Support

The HYUDJ 60W Mini LED Strobe Light comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official HYUDJ website. If you require technical support, have questions about product operation, or need to report a defect, please contact HYUDJ customer service through the contact information provided on the product packaging or the official website. Please have your model number (HYU-60WStrobe) and purchase details ready when contacting support.

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.

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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