

## Betopper LF4808

# Betopper LF4808 260W Matrix Strobe Effect Light User Manual

MODEL: LF4808

## 1. Introduction

The Betopper LF4808 is a versatile 3-in-1 stage lighting fixture designed to deliver powerful visual effects. It combines high-frequency strobe, vibrant RGB color wash, and dynamic animated chase effects. This fixture is ideal for various applications including DJ sets, live concerts, EDM environments, and other large-scale productions, offering pixel-mapped zone control for synchronized and rhythmic light sequences. Built with a rugged metal housing, it ensures durability and stable performance across a wide range of temperatures.

## 2. Safety Information

- Always connect the unit to a grounded power outlet.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Avoid direct eye exposure to the light source, as it can cause eye damage.
- Do not operate the unit in wet or damp conditions.
- Disconnect power before cleaning or servicing the unit.
- Only qualified personnel should perform installation and maintenance.
- Keep the unit away from flammable materials.

## 3. Product Overview

### 3.1 What's in the Box

- Betopper LF4808 Strobe Light
- Power Cable
- Hook Accessories
- Instruction Manual



# Packing List

Strobe Light  
Instruction Manual  
Power Cable

Image: Contents of the Betopper LF4808 package, including the strobe light, power cable, and instruction manual.

## 3.2 Physical Features and Dimensions

The LF4808 features a robust aluminum housing designed for durability and shock resistance. It includes a 360° adjustable angle bracket for flexible positioning.

- **Dimensions (L x W x H):** 15" x 3" x 8"
- **Weight:** 7.72 lbs
- **Material:** Aluminum
- **Finish Type:** Powder Coated

# Product Dimensions

## Powerful Strobe Flash Light



**7.72lbs**

Image: Front view of the Betopper LF4808 strobe light with dimensions (17.48in length, 9.43in height, 3.23in depth) and weight (7.72lbs) indicated.

### 3.3 Back Panel and Controls

The rear panel provides access to power connections, DMX input/output, and the control interface for mode selection and settings adjustment.



Image: Detailed view of the Betopper LF4808's back panel, showing Power In/Out, DMX In/Out, a fan, display screen, and Menu/Up/Down/Enter buttons. The image also highlights the aluminum drop-resistant housing and 360° adjustable angle bracket.

### 3.4 Technical Specifications

| Feature              | Specification                                    |
|----------------------|--------------------------------------------------|
| Light Source Type    | Light Emitting Diode (LED)                       |
| LED Configuration    | 768x 0.2W 5050 RGB LEDs, 112x 1W 5054 White LEDs |
| Light Output Maximum | 6800 lumens                                      |
| Light Source Wattage | 260 watts total (200W/24V system)                |
| LED Lifetime         | Min. 50,000 Hours                                |
| Power Supply         | AC100-240V / 50Hz-60Hz                           |

| Feature               | Specification                                    |
|-----------------------|--------------------------------------------------|
| Strobe Frequency      | 1-30Hz                                           |
| Control Modes         | DMX512, Auto, Sound-Activated, Master-Slave, RDM |
| DMX Channels          | 4CH / 15CH / 152CH                               |
| Dimming               | 32-bit 0-100% Linear Dimming                     |
| Operating Temperature | -30°C to 50°C                                    |
| Mounting Type         | Rack Mount                                       |



# 200W

## Running Horse +Explosive Flash

Hyper Bright Output – 6800+ Lumens

|                     |                  |                     |                    |
|---------------------|------------------|---------------------|--------------------|
| Flexible Flash Rate | Efficient Output | Long-Lasting LEDs   | Brightness Control |
| <b>1–30Hz</b>       | <b>200W/24V</b>  | <b>50,000 Hours</b> | <b>0–100%</b>      |

Image: The Betopper LF4808 displaying a 'Running Horse' effect with an explosive flash, highlighting its hyper bright output of over 6800 lumens and key specifications like flexible flash rate (1-30Hz), efficient output (200W/24V), long-lasting LEDs (50,000 hours), and brightness control (0-100%).

## 4. Setup

### 4.1 Unpacking and Inspection

Carefully remove the fixture from its packaging. Inspect for any damage during transit. Ensure all listed components are present. If any damage or missing parts are found, contact your dealer immediately.

### 4.2 Mounting

The LF4808 is designed for rack mounting. Use appropriate clamps and safety cables (not included) to secure the fixture to a truss or other suitable structure. Ensure the mounting surface can support the weight of the fixture and any additional equipment. The adjustable bracket allows for precise aiming.

### 4.3 Electrical Connection

Connect the provided power cable to the 'Power In' connector on the rear panel and then to a suitable grounded power outlet (AC100-240V, 50/60Hz). Use the 'Power Out' connector to daisy-chain power to other compatible fixtures if needed, adhering to local electrical codes and maximum load limits.

### 4.4 DMX Connection

For DMX control, connect a DMX cable from your DMX controller's output to the 'DMX In' port on the LF4808. To control multiple units, daisy-chain DMX cables from the 'DMX Out' of the first fixture to the 'DMX In' of the next. Terminate the last fixture in the chain with a DMX terminator (not included) to prevent signal reflection.

## 5. Operating Instructions

### 5.1 Control Panel Navigation

The rear panel features an LCD display and four buttons: MENU, UP, DOWN, and ENTER. Use these buttons to navigate through the settings and select operating modes.

- **MENU:** Cycles through main menu options or exits current submenu.
- **UP/DOWN:** Navigates through options or adjusts parameter values.
- **ENTER:** Confirms selection or enters a submenu.

### 5.2 Operating Modes

The LF4808 supports multiple operating modes for various control preferences:

- **DMX512 Mode:** Allows external control via a DMX controller. Select the desired DMX channel mode (4CH, 15CH, or 152CH) and set the DMX address.
- **AUTO Mode:** The fixture runs through pre-programmed internal light shows automatically.
- **Sound-Activated Mode:** The light effects respond to ambient sound or music detected by the built-in microphone.
- **Master-Slave Mode:** Link multiple LF4808 units together. One unit acts as the master, controlling all other slave units to perform synchronized effects.
- **RDM Mode:** Remote Device Management allows for two-way communication between the fixture and a compatible DMX controller for remote addressing and configuration.

# Multiple Running Modes

Professional-Grade Strobe Light

DMX

DMX512  
(4/15/152CH)



AUTO



Sound-Activated



Master-Slave



RDM



Image: Icons representing the multiple running modes of the Betopper LF4808: DMX512, Auto, Sound-Activated, Master-Slave, and RDM.

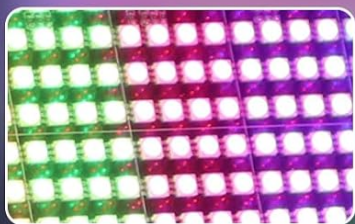
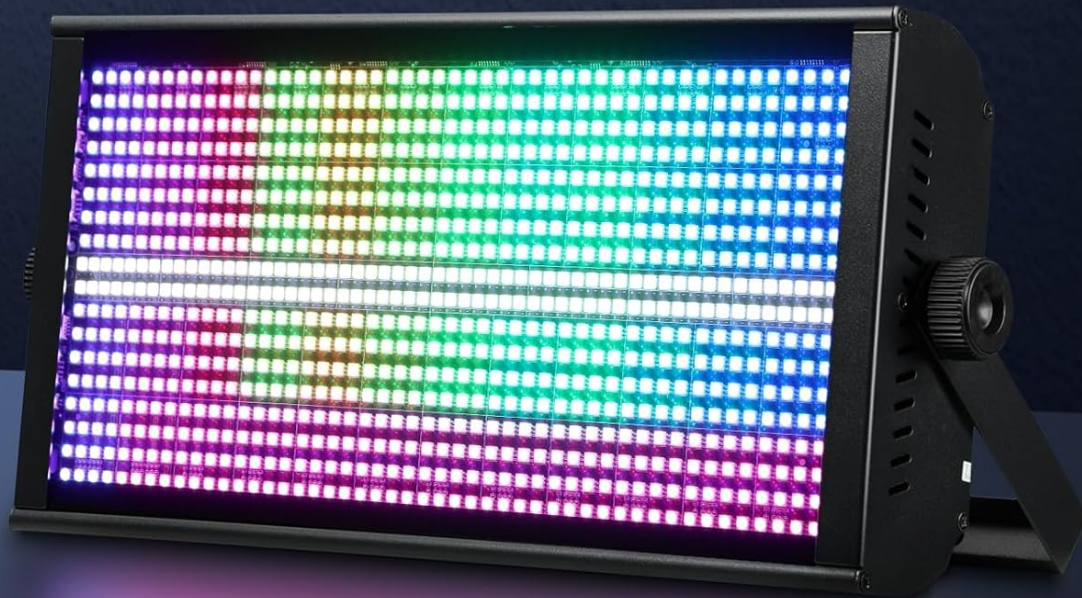
## 5.3 3-in-1 Lighting Versatility

The LF4808 integrates three primary lighting effects:

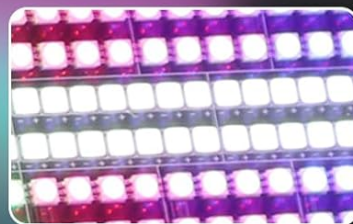
- **Strobe Effect:** High-frequency white flashes for intense, energetic bursts.
- **RGB Color Wash:** Smooth transitions and static displays of a wide spectrum of colors.
- **Animated Chase Effects:** Dynamic patterns and movements across the LED matrix.

# Bright & Vibrant LEDs

Dynamic Multi-Color and White Flash Effects



**768PCS**  
0.2W 5050 RGB LEDs



**112PCS**  
1W 5054 White LEDs

Image: A grid of nine different dynamic lighting patterns and color combinations demonstrating the 3-in-1 versatility of the Betopper LF4808, combining strobe, RGB wash, and motion effects.

## 5.4 Pixel Mapping & Zonal Control

Utilize the individual zone control and multi-channel pixel mapping capabilities to create intricate and synchronized light shows. This allows for fluid movement, sweeping chases, and beat-synced animations, transforming the strobe into a creative effects engine for immersive stage visuals.

## 5.5 Dimming Control

The fixture supports 32-bit 0-100% linear dimming, providing smooth and precise control over light intensity for subtle fades or dramatic changes.

## 5.6 LED Configuration

The LF4808 is equipped with a dual LED array for dynamic multi-color and white flash effects:

- **768 PCS 0.2W 5050 RGB LEDs:** For rich color washes and vibrant displays.
- **112 PCS 1W 5054 White LEDs:** For sharp, intense strobe bursts.

# Wide Application

Strobe lights are popular at Halloween parties, music festivals, DJ and school dances.



Image: Close-up view of the Betopper LF4808's LED array, showing the arrangement of 768 RGB LEDs and 112 white LEDs for dynamic multi-color and white flash effects.

## 5.7 Product Demonstration Video

Your browser does not support the video tag.

Video: A 30-second demonstration of the Betopper LF4808 260W Matrix Strobe DJ Light, showcasing its 3-in-1 effects and various color patterns in action.

## 6. Maintenance

- **Cleaning:** Regularly clean the lens and housing with a soft, lint-free cloth to maintain optimal light output and prevent dust buildup. Do not use abrasive cleaners.
- **Inspection:** Periodically check all cables, connections, and mounting hardware for signs of wear or damage. Replace any damaged components immediately.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment, preferably in its original packaging or a protective case.

## 7. Troubleshooting

| Problem                | Possible Cause                                                                     | Solution                                                                                              |
|------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| No power               | Power cable not connected, faulty outlet, blown fuse.                              | Check power connections, try a different outlet, inspect and replace fuse if necessary.               |
| No light output        | Fixture in blackout mode, DMX signal issue, internal fault.                        | Check menu settings for blackout, verify DMX signal and address, contact support if problem persists. |
| Incorrect DMX behavior | Incorrect DMX address, faulty DMX cable, missing terminator, DMX channel conflict. | Verify DMX address and channel mode, test DMX cables, ensure terminator is used on the last fixture.  |
| Overheating            | Blocked ventilation, high ambient temperature.                                     | Ensure clear airflow around the fixture, operate within specified temperature range.                  |

## 8. Warranty and Support

The Betopper LF4808 260W Matrix Strobe Effect Light comes with a **1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any inquiries, please visit the official Betopper Store or contact their customer service. You can find more information and contact details on the [Betopper Store on Amazon](#).

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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