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Donner Remote Control/DMX

Donner DJ Par Light 18 LEDs RGB Stage Uplights Instruction Manual

Model: Remote Control/DMX

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Donner DJ Par Light. Please read this manual thoroughly before use and retain it for future reference. This device is designed to produce various lighting effects for events, parties, and stage performances.

SAFETY INFORMATION

- Ensure the power supply voltage matches the device's requirements.
- Do not expose the device to rain or moisture to prevent electric shock or fire.
- Always disconnect from the power supply before cleaning or servicing.
- Avoid direct eye exposure to the light source, as it can cause eye damage.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Donner DJ Par Light (1 unit)
- Remote Control (1 unit)
- Mounting Bracket (1 unit)
- Power Cable (1 unit)
- User Manual (this document)

PRODUCT FEATURES

- **18 RGB LEDs:** Features 18 x 3W RGB LED lights (6 Red, 6 Green, 6 Blue) for a wide range of color effects.

- **Multi-mode Operation:** Includes Static Color, Color Changing, Color Fade, Auto, Sound-activated, Master-slave, and DMX modes.
- **Remote Control:** Easy control via the included IR remote.
- **DMX512 Compatible:** For professional lighting control.
- **Built-in Cooling Fan:** Ensures stable operation and extends lifespan.
- **Adjustable Dual Brackets:** Allows for flexible mounting on trusses, walls, or standing on the floor.

SETUP

1. **Unpacking:** Carefully remove the light and all accessories from the packaging.
2. **Bracket Installation:** Attach the dual brackets to the sides of the light using the provided screws and knobs. Ensure they are securely fastened.
3. **Mounting:**
 - **Floor Stand:** Position the light on a flat, stable surface using the brackets as a stand. Adjust the angle as desired.
 - **Hanging/Truss Mount:** Use appropriate clamps (not included) to secure the light to a truss or ceiling. Always use a safety cable (not included) when hanging the unit.
4. **Power Connection:** Connect the power cable to the light's power input and then to a suitable power outlet.

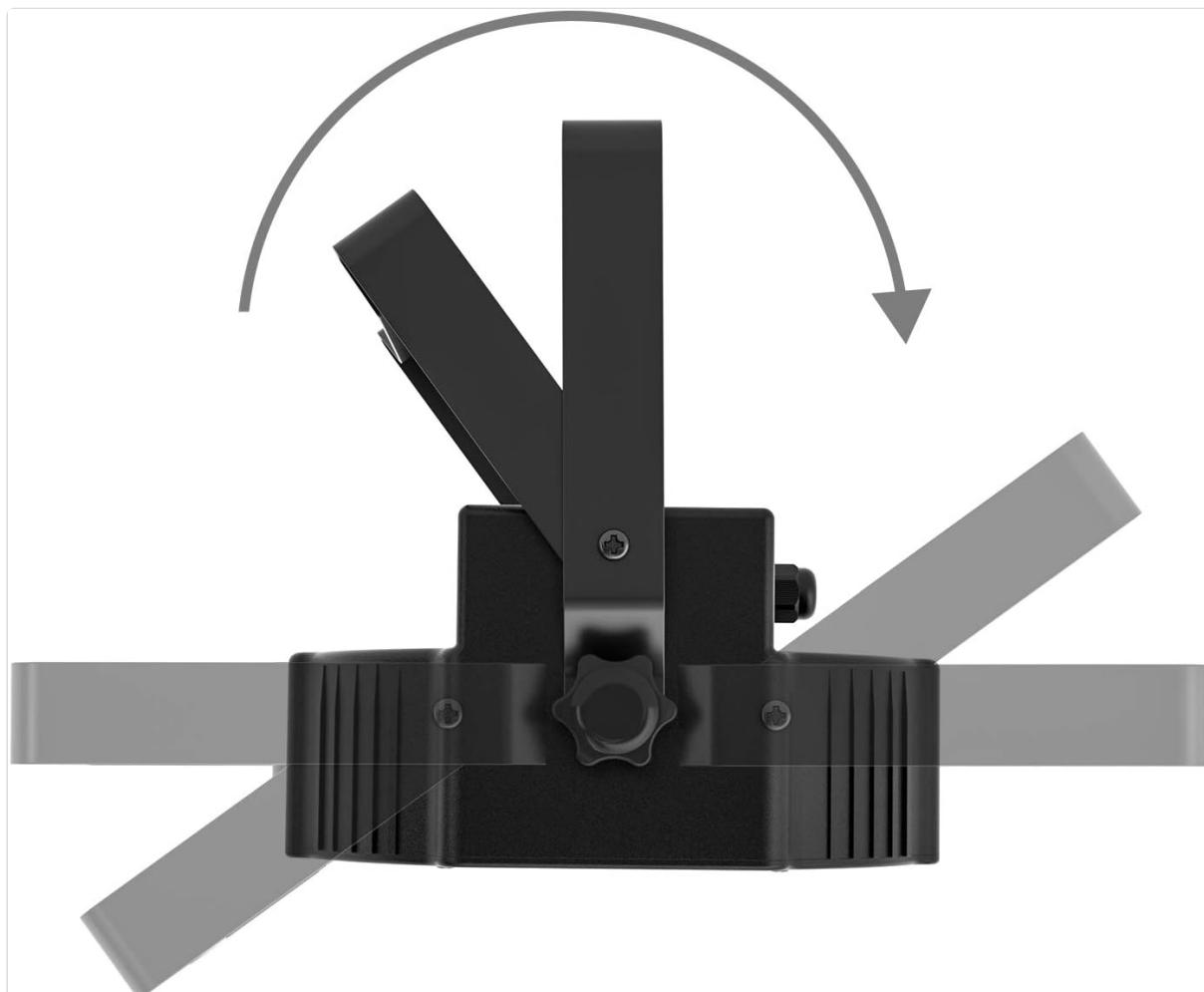


Figure 1: The Donner DJ Par Light with its adjustable dual brackets, allowing for various positioning options.

OPERATING MODES

The Donner DJ Par Light offers multiple operating modes, selectable via the remote control or the control panel on the back of the unit.

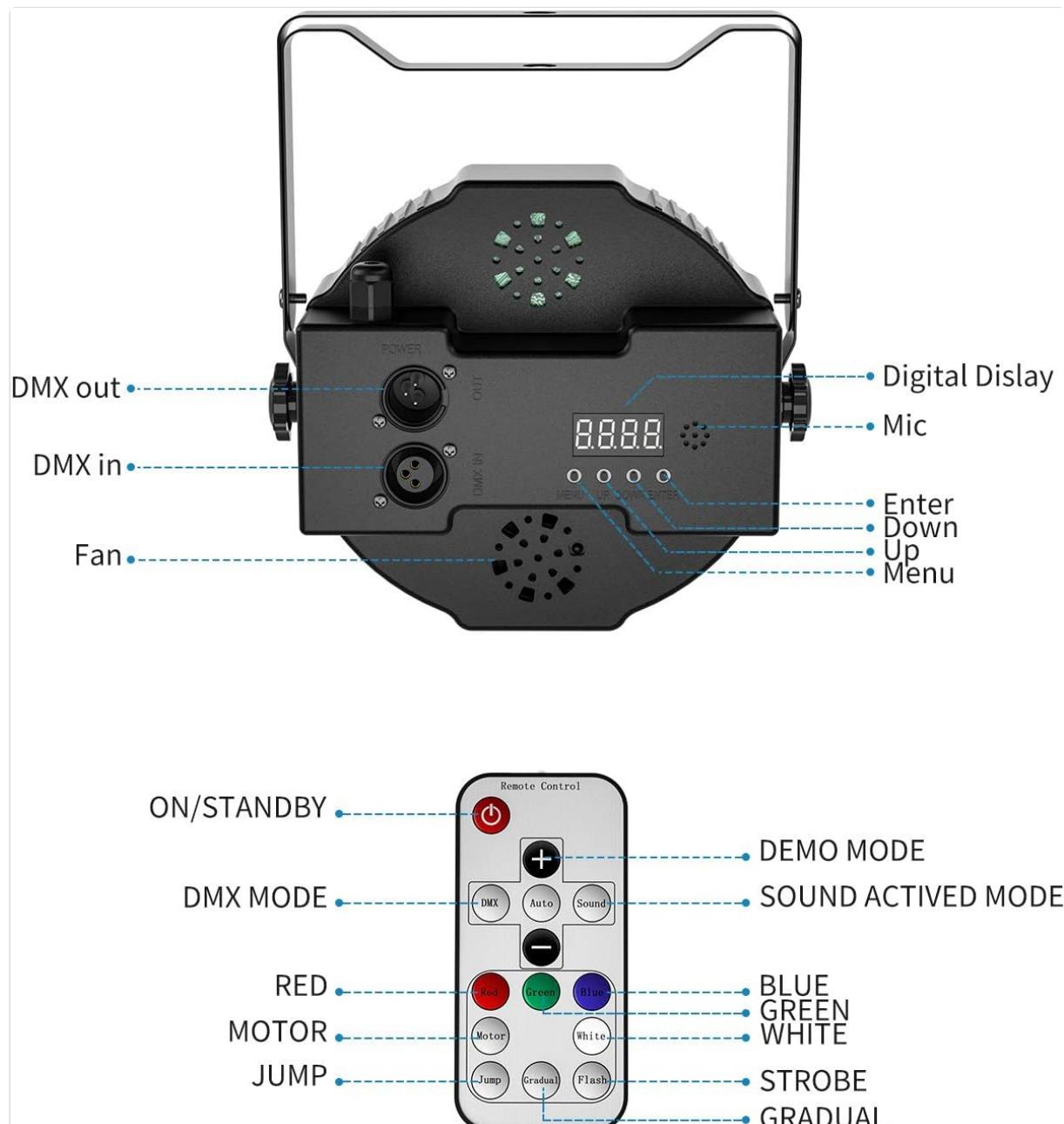


Figure 2: Overview of the control panel on the back of the light and the functions of the remote control.

1. **Static Color Mode:** Displays a single, constant color. Use the remote's color buttons (Red, Green, Blue) or the control panel to select specific colors or mix RGB values.
2. **Color Changing (Jump) Mode:** The light rapidly switches between different colors. The speed of the color change can be adjusted.
3. **Color Fade (Gradual) Mode:** The light smoothly transitions from one color to another. The transition speed can be adjusted.
4. **Auto Mode:** The light cycles through various pre-programmed lighting effects automatically.
5. **Sound-Activated Mode:** The light reacts to ambient sound or music, changing colors and patterns in sync with the beat. Ensure the built-in microphone is not obstructed.
6. **Master-Slave Mode:** Connect multiple lights using DMX cables. One unit acts as the master, controlling all connected slave units, ensuring synchronized lighting effects.
7. **DMX Mode:** For advanced control using a DMX512 controller. This mode allows precise control over individual light parameters such as color intensity, strobe, and mode selection.



Figure 3: The LED Par Light showcasing its remote control for easy mode and color selection.

REMOTE CONTROL OPERATION

The included IR remote control provides convenient access to the light's functions:

- **ON/STANDBY:** Press to power on or put the device in standby mode.
- **DMX:** Activates DMX mode. Use '+' and '-' to adjust the DMX address.
- **Auto:** Activates Auto mode.
- **Sound:** Activates Sound-Activated mode.
- **Red/Green/Blue:** Selects static red, green, or blue color.
- **White:** Selects static white color.
- **Jump:** Activates Color Changing (Jump) mode.
- **Gradual:** Activates Color Fade (Gradual) mode.
- **Flash:** Activates Strobe mode.
- **+- Buttons:** Adjust speed in Jump/Gradual/Flash modes, or DMX address in DMX mode.

DMX CONTROL

The Donner DJ Par Light supports DMX512 protocol for professional control. Connect a DMX controller to the DMX IN port using a 3-pin XLR cable. For multiple units, daisy-chain them by connecting the DMX OUT of one unit to the DMX IN of the next.

DMX Channel Functions (Example for 7-channel mode):

Channel	Function	Value Range	Description
1	Master Dimmer	0-255	Overall brightness (0=off, 255=max)
2	Red Intensity	0-255	Red LED brightness (0=off, 255=max)
3	Green Intensity	0-255	Green LED brightness (0=off, 255=max)
4	Blue Intensity	0-255	Blue LED brightness (0=off, 255=max)
5	Strobe	0-255	Strobe speed (0=off, 255=fastest)
6	Mode Selection	0-255	Selects various internal programs (Auto, Sound, Jump, Gradual)
7	Program Speed	0-255	Adjusts speed of selected program (0=slow, 255=fast)

MAINTENANCE

- Cleaning:** Regularly clean the lens and housing with a soft, lint-free cloth. Do not use abrasive cleaners.
- Storage:** Store the device in a dry, dust-free environment when not in use.
- Inspection:** Periodically check the power cable and DMX connections for any signs of damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty cable, device in standby.	Check power connection. Ensure outlet is functional. Press ON/STANDBY button on remote or control panel.
Remote control not working.	Low battery, remote not aimed correctly, IR sensor blocked.	Replace remote battery. Point remote directly at the IR sensor on the front of the light. Ensure no obstructions.
Light not responding in DMX mode.	Incorrect DMX address, faulty DMX cable, incorrect DMX mode selected.	Verify DMX address matches controller. Check DMX cable connections. Ensure DMX mode is active on the light.
Sound-activated mode not working.	Microphone obstructed, sound level too low.	Ensure the microphone on the back panel is clear. Increase music volume or move the light closer to the sound source.

SPECIFICATIONS

Model:	Remote Control/DMX
Light Source:	18 x 3W RGB LEDs (6 Red, 6 Green, 6 Blue)
Power Source:	Corded Electric
Control Modes:	Static Color, Color Changing, Color Fade, Auto, Sound-activated, Master-slave, DMX512

Material:	Plastic
Product Dimensions:	7.48" L x 5.12" W x 7.48" H
Item Weight:	1.45 pounds

WARRANTY AND SUPPORT

Donner provides a 12-month warranty for this product, covering manufacturing defects from the date of purchase. For warranty claims, technical support, or service inquiries, please contact Donner customer service through the retailer where the product was purchased or visit the official Donner website for contact information.

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