

AUCD LE-Par36

AUCD Mini RGB 36 LEDs Par Light LE-Par36 Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your AUCD Mini RGB 36 LEDs Par Light, model LE-Par36. This versatile stage lighting unit is designed for various applications, offering dynamic color mixing and control options. Please read this manual thoroughly before use to ensure proper setup and functionality.

2. PRODUCT FEATURES

- **LED Source:** Equipped with 36 x 1W LEDs (12 Red, 12 Green, 12 Blue) for vibrant RGB color mixing.
- **Optical Design:** Features a high-transmittance acrylic lens for efficient light output.
- **Power Efficiency:** Utilizes high-power LEDs with long lifespan, high luminous efficiency, and low power consumption.
- **Stable Performance:** LED static constant current drive mode ensures high precision and consistent light output.
- **Control Modes:** Supports Auto, Sound-Activated, DMX (7 channels), and Master-Slave control modes.
- **Effects:** Offers a variety of strobe effects and a color rainbow function.
- **User Interface:** LED display menu with scene editing function for on-site adjustments and recall of various scenes.
- **Built-in Programs:** Includes multiple pre-programmed modes (A1-A7) for quick setup and dynamic displays.

3. SPECIFICATIONS

| Specification | Detail |
|---------------|--------|
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|-------------------|---|
| Model Number | LE-Par36 |
| LED Source | 36 x 1W LEDs (12 Red, 12 Green, 12 Blue) |
| Control Channels | 7 DMX Channels |
| Control Modes | Auto, Sound-Activated, DMX512, Master-Slave |
| Input Voltage | AC 110-240V, 50-60Hz |
| Power Consumption | 12W |
| Shell Material | ABS |
| Item Dimensions | 11.5 x 11.5 x 9 cm (4.5 x 4.5 x 3.6 inches) |
| Item Weight | 0.35 KG (0.77 lbs) |
| Mounting Type | Floor Mount |
| UPC | 731113323228 |

4. SETUP

4.1 Unpacking and Inspection

Carefully remove the lighting unit from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. If any damage is found, do not operate the unit and contact customer support immediately.

4.2 Mounting

The LE-Par36 is designed for floor mounting. Ensure the unit is placed on a stable, level surface. For optimal performance and safety, ensure adequate ventilation around the unit to prevent overheating.



Image: The AUCD Mini RGB 36 LEDs Par Light showing its dimensions (17.5cm width, 17.8cm height, 10cm depth) and adjustable mounting bracket.

4.3 Power Connection

Connect the included power cable to the power input on the rear of the unit and then to a standard AC 110-240V, 50-60Hz power outlet. Ensure the power source matches the unit's requirements.

4.4 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port on the LE-Par36. If linking multiple units, connect a DMX cable from the first unit's DMX OUT to the next unit's DMX IN, and so on. Ensure the last unit in the chain has a DMX terminator (not included) for stable signal transmission.



Image: The rear panel of the lighting unit, featuring the DMX IN and DMX OUT ports, a 4-digit LED display, and control buttons for menu navigation.

5. OPERATING MODES

The LE-Par36 offers several operating modes, selectable via the LED display menu on the rear panel.

5.1 Menu Navigation

Use the buttons next to the LED display to navigate and select modes:

- **MODE:** Cycles through main operating modes (e.g., Auto, Sound, DMX).
- **UP/DOWN:** Adjusts parameters or cycles through options within a selected mode.
- **ENTER:** Confirms selection or saves settings.

5.2 Auto Mode (A1-A7)

In Auto mode, the unit cycles through pre-programmed light sequences without external input. Use the menu to select from various built-in programs (A1 for color, A2 for jump, A3 for gradient, A4 for voice, A5 for strobe, A6 for auto, A7 for happy).

5.3 Sound-Activated Mode

The unit's built-in microphone detects ambient sound and synchronizes light patterns to the beat of the music. Select this mode from the menu to activate.

5.4 DMX Control Mode

For professional control, connect the unit to a DMX512 controller. Set the DMX address for the unit using the menu. The LE-Par36 uses 7 DMX channels, allowing control over individual color intensity (Red, Green, Blue), strobe speed, and various program selections.

5.5 Master-Slave Mode

Link multiple LE-Par36 units together for synchronized operation without a DMX controller. Set one unit as the 'Master' (e.g., in Auto or Sound mode) and the other units as 'Slave'. Connect the DMX OUT of the Master unit to the DMX IN of the first Slave unit, and continue the chain. Slave units will mirror the Master's behavior.



Image: A collage demonstrating the various color outputs of the par light, including individual red, green, blue, and mixed color combinations.



Image: A blue light beam projected from the AUCD Mini RGB 36 LEDs Par Light, illustrating its effect in a room setting.



Image: Four distinct lighting scenarios showcasing the par light's ability to produce wide color washes, including purple, cyan, blue, and red, across a room.

6. MAINTENANCE

6.1 Cleaning

To maintain optimal light output and extend the lifespan of the unit, regularly clean the lens and housing. Use a soft, lint-free cloth dampened with a mild cleaning solution. Avoid abrasive cleaners or solvents that could damage the acrylic lens or finish.

6.2 Safety Precautions

- Always disconnect the unit from the power supply before cleaning or performing any maintenance.
- Ensure proper ventilation around the unit during operation to prevent overheating.
- Do not expose the unit to rain or moisture.
- Avoid direct eye exposure to the light source.

7. TROUBLESHOOTING

If you encounter issues with your LE-Par36, refer to the following common problems and solutions:

- **No Power:**

- Check if the power cable is securely connected to both the unit and the power outlet.
- Verify that the power outlet is functional.

- **No Light Output:**

- Ensure the unit is powered on and not in a 'blackout' or 'standby' mode.
- If using DMX, check DMX signal and address settings.

- **Incorrect DMX Behavior:**

- Verify DMX cable connections and ensure they are not damaged.
- Check the DMX address setting on the unit and ensure it matches your controller's settings.
- Ensure a DMX terminator is used on the last unit in the chain.

- **Sound Mode Not Responding:**

- Ensure the unit is set to Sound-Activated mode.
- Increase the volume of the music or sound source.
- Check if the microphone input on the unit is obstructed.

8. WARRANTY AND SUPPORT

For technical assistance, warranty information, or service inquiries, please contact AUCD customer support. Refer to your purchase documentation for specific warranty terms and contact details.