HYUDJ c1dedc6a-be18-4410-a3e6-c7121810b479

HYUDJ Mini Moving Head LED 60W Beam DJ Light User Manual

Brand: HYUDJ | Model: c1dedc6a-be18-4410-a3e6-c7121810b479

1. Product Overview

The HYUDJ Mini Moving Head LED 60W Beam DJ Light is a versatile lighting fixture designed for various stage, party, and event applications. It features a powerful 60W RGBW 4-in-1 LED for beam effects and a 12-LED SMD 5050 RGB 3-in-1 halo effect, allowing for a wide range of dynamic lighting displays.



Figure 1.1: Front view of the HYUDJ Mini Moving Head LED 60W Beam DJ Light.

This light is constructed from high-quality engineering plastic with a honeycomb structure, ensuring durability and an elegant appearance. It supports multiple control modes, including DMX512, Master/Slave, Sound Active, and Auto Run, providing flexibility for different operational needs.



Figure 1.2: The 60W Stage Moving Head Light demonstrating its beam capabilities.

2. Key Features

- **Powerful Illumination:** Equipped with a 60W RGBW 4-in-1 LED for vibrant beam effects.
- **Halo Effect:** Features a 12-LED SMD 5050 RGB 3-in-1 halo for additional visual appeal.
- **Dynamic Color Mixing:** Achieves RGBW 4-color free change combination and seamless color mixing.
- **Versatile Effects:** Includes RGBW chasing light and a 1-30FPS strobe effect.
- **Automated Movement:** Offers an automatic 540° Pan movement and an automatic 180° Tilt movement for dynamic light positioning.
- **Multiple Control Modes:** Supports Auto Run, Sound Activated, Master-Slave Configuration, and DMX512 Compatible modes.
- **DMX Control:** Allows for adjustable speed and brightness via DMX controller for complex lighting effects.



Figure 2.1: Close-up of the 60W LED beam and 12 LED halo effect.



Figure 2.2: Illustration of the combined 60W LED Beam and Halo effect.

3. Setup Instructions

3.1 Unpacking

Carefully remove the lighting fixture from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Retain the packaging for future storage or transport.

3.2 Physical Installation

The HYUDJ Mini Moving Head Light is designed for pole mount installation. Ensure the mounting surface or truss is stable and capable of supporting the weight of the fixture. Secure the light using appropriate clamps and safety cables (not included) to prevent accidental falls.

3.3 Connections

Connect the power cable to the 'POWER IN' port on the rear of the unit. For DMX control or Master-Slave configuration, use standard 3-pin XLR cables to connect the 'DMX IN' and 'DMX OUT' ports. Ensure all connections are secure before powering on the device.



Figure 3.1: Rear panel connections including DMX IN/OUT and Power IN.



Figure 3.2: Example of DMX 512 daisy chain connection using 3-pin XLR cables.

4. Operating Modes

The HYUDJ Mini Moving Head Light offers four primary operating modes:

- **Auto Run:** Pre-programmed light sequences run automatically.
- **Sound Activated:** Light effects respond to ambient sound or music.
- **Master-Slave:** Multiple units synchronize, with one unit controlling the others.
- **DMX512:** Professional control via a DMX controller for customized programming.



Figure 4.1: Overview of the light's control modes.

4.1 Control Panel

The control panel on the base of the unit features a digital display and buttons (MENU, DOWN, UP, ENTER) for mode selection and parameter adjustment. Refer to the on-screen menu for specific settings within each mode.



Figure 4.2: The digital control panel for mode selection.

4.2 Light Effects Demonstration

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Video 4.1: Demonstration of the LED 60W RGBW 4-in-1 Beam Moving Light with RGB Halo Effect in various DJ light settings.

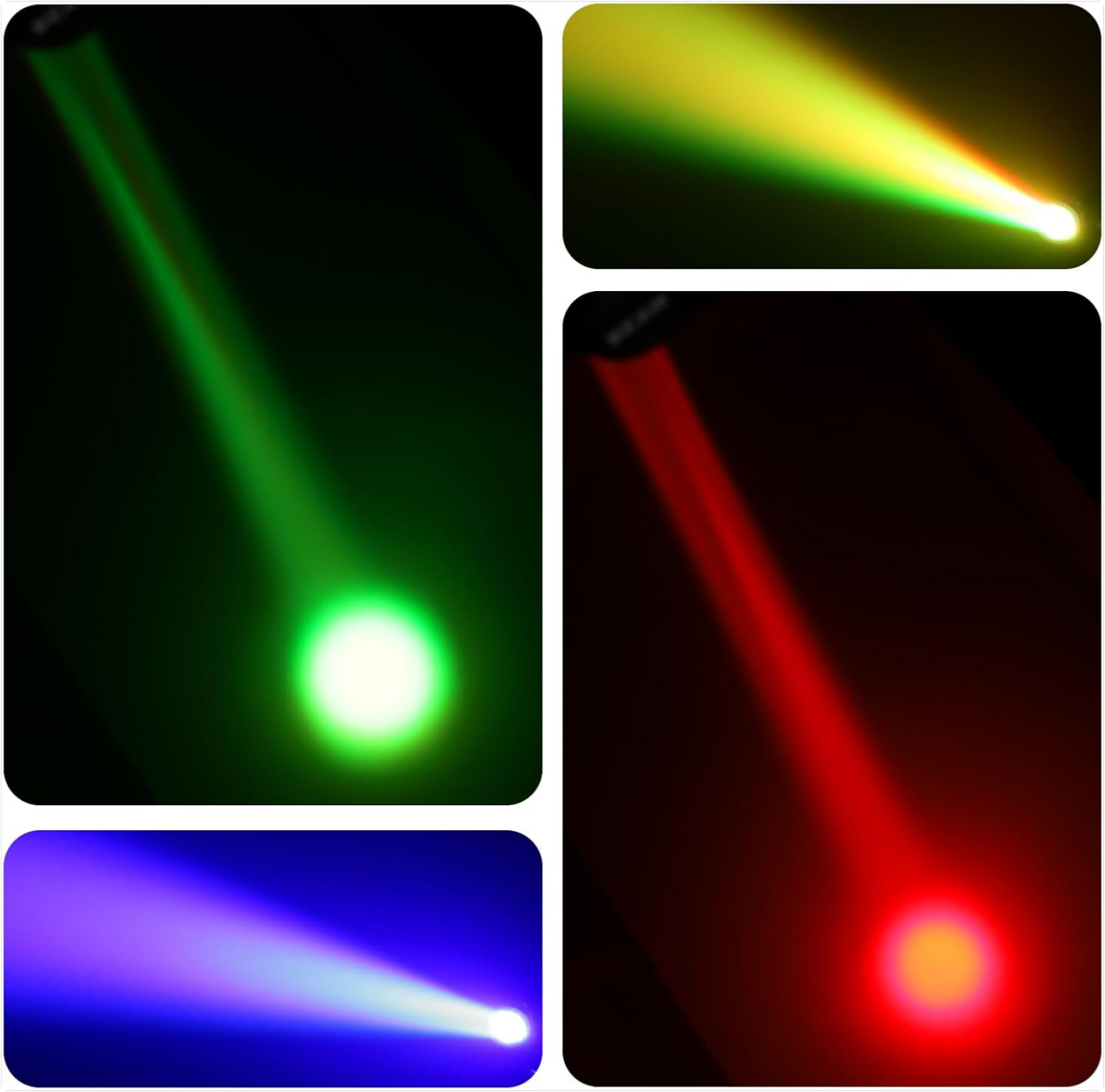


Figure 4.3: Various beam colors and patterns produced by the light.

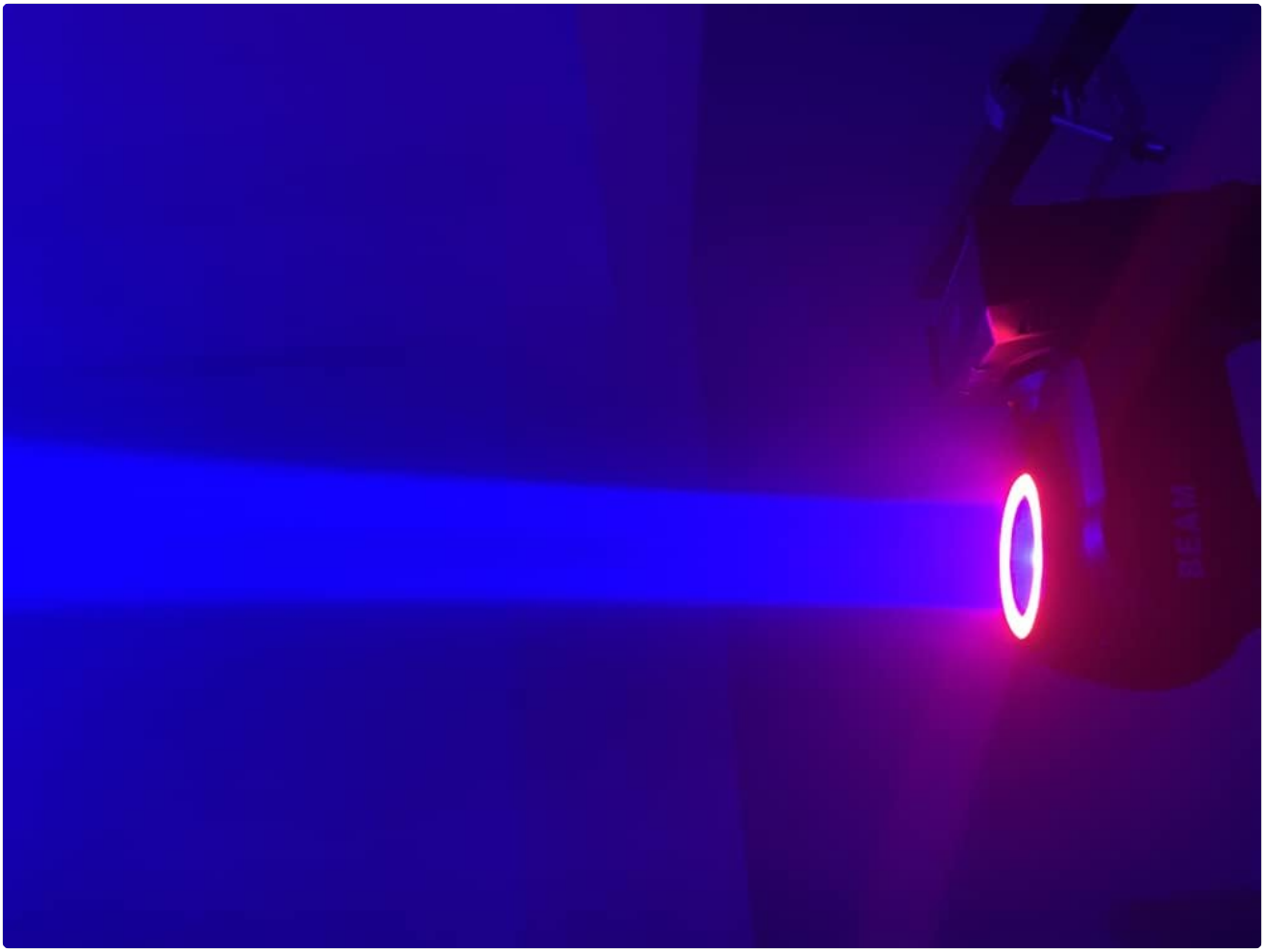


Figure 4.4: A strong blue beam effect.

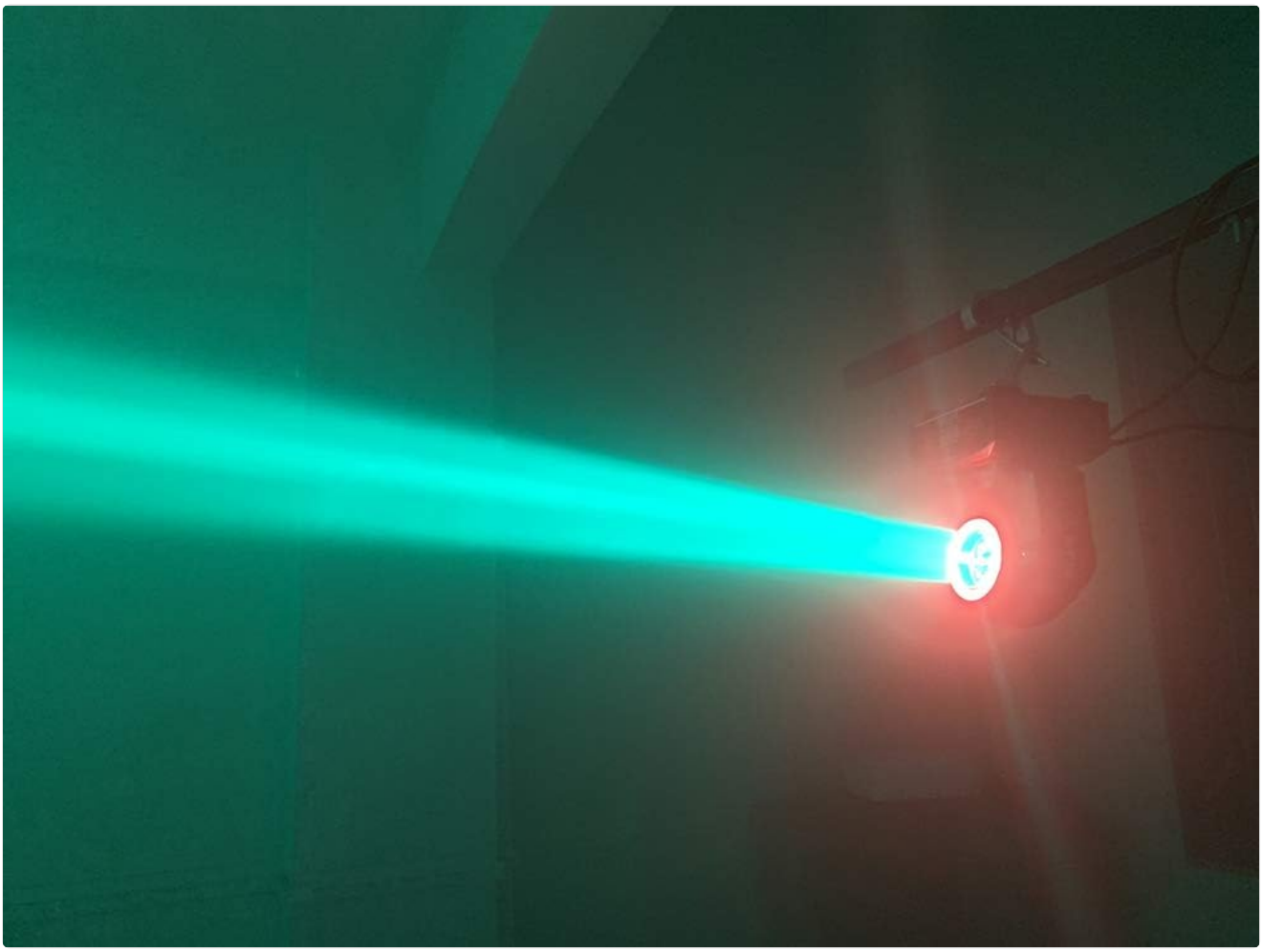


Figure 4.5: A vibrant green beam effect.

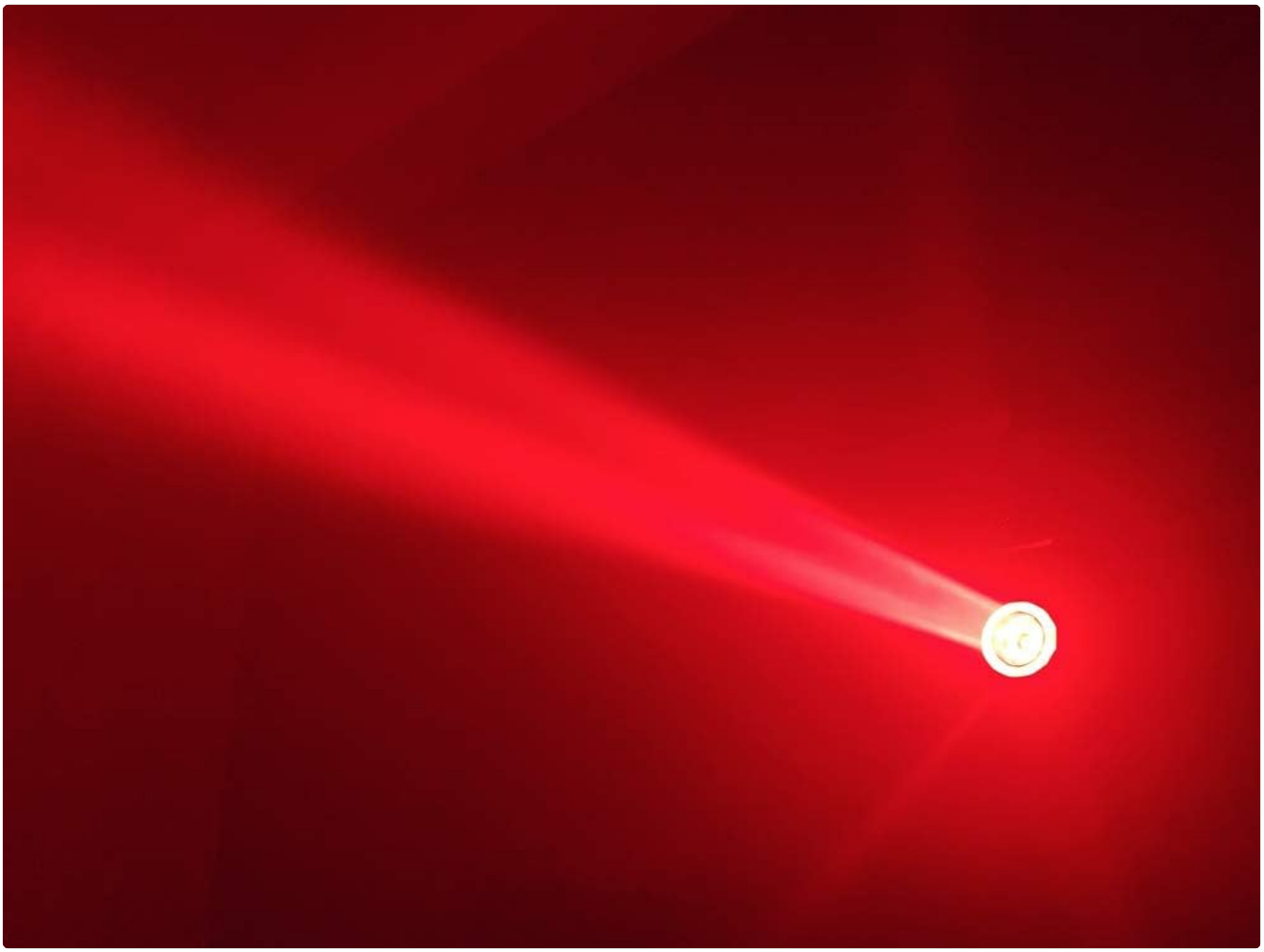


Figure 4.6: A powerful red beam effect.



Figure 4.7: Multiple HYUDJ lights illuminating a stage setup.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your HYUDJ Mini Moving Head LED Light.

5.1 Cleaning

- Periodically clean the exterior of the fixture with a soft, dry cloth.
- Ensure the lens and halo ring are free of dust and debris to maintain light output clarity. Use a lens cleaner designed for optics if necessary.
- Keep ventilation openings clear of obstructions to prevent overheating.

5.2 Storage

When not in use, store the light in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to store the unit in its original packaging or a padded case to protect it from physical damage.

6. Troubleshooting

If you encounter issues with your HYUDJ Mini Moving Head LED Light, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty; Fuse blown	Check power cable connection; Test outlet with another device; Replace fuse if necessary.
Light not moving or responding	Incorrect mode selected; DMX signal issue; Internal error	Verify operating mode (Auto, Sound, Master, DMX); Check DMX connections and controller settings; Power cycle the unit.
Colors not changing or incorrect	DMX channel conflict; Internal color wheel issue	Ensure DMX channels are correctly assigned; Try different operating modes; Contact support if problem persists.
Strobe effect not working	Strobe function disabled or set to 0% in DMX; Mode does not support strobe	Adjust strobe settings via DMX or select a mode that includes strobe effects.

7. Technical Specifications

Specification	Detail
Brand	HYUDJ
Model Number	c1dedc6a-be18-4410-a3e6-c7121810b479
Light Source	60W RGBW 4-in-1 LED (Beam), 12LED SMD 5050 RGB 3-in-1 (Halo)
Power Supply	AC90V-240V, 50-60Hz
Wattage	100 watts (Max), 60 Watts (Bulb)
Control Modes	Auto Run, Sound Activated, Master-Slave, DMX512
Pan Movement	540° Automatic
Tilt Movement	180° Automatic

Specification	Detail
Beam Angle	40 Degrees
Product Dimensions	6"L x 5"W x 11"H (15.24cm L x 12.7cm W x 27.94cm H)
Item Weight	6.61 Pounds (3 kg)
Material	Plastic
Mounting Type	Pole Mount
UPC	345932605108



Figure 7.1: Product dimensions (Front and Flank views).

8. Warranty and Support

For any questions or assistance with your HYUDJ Mini Moving Head LED Light, please refer to your order information and contact the seller directly. The seller typically provides 24-hour online support to assist in solving any problems you may encounter.
Specific warranty details are not provided in this manual. Please consult your purchase documentation or contact the seller for information regarding warranty coverage and terms.

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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.

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