Dracast DRBRPLLK3X600BH

Dracast BoltRay Plus Bi-Color LED600 3-Light Kit Instruction Manual

MODEL: DRBRPLLK3X600BH

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1. Introduction and Safety Information

This manual provides essential instructions for the safe and effective operation of your Dracast BoltRay Plus Bi-Color LED600 3-Light Kit. Please read this manual thoroughly before use and retain it for future reference.

Important Safety Precautions:

- Do not operate the unit with wet hands or near water.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Use only the specified power adapter. Disconnect power before cleaning or servicing.
- Avoid direct eye exposure to the LED light source.
- Keep the equipment away from flammable materials.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Securely mount the lights to prevent accidental falls.

2. Package Contents

Verify that all items listed below are present in your kit:

- 3x Dracast BoltRay LED600 Plus Bi-Color Light Fixtures
- 3x 4-Way Barndoors
- 3x Removable Diffusion Filters
- 3x Mounting Yokes (pre-attached to lights)
- 3x Remote Controls
- 3x Multi-Voltage AC Power Adapters
- 1x Soft Nylon Carrying Case
- 1x Injection-Molded Travel Case

Image 2.1: All components of the Dracast BoltRay Plus LED600 3-Light Kit laid out, including three light fixtures, barndoors, diffusion filters, power adapters, remote controls, and carrying cases.

Image 2.2: The Dracast BoltRay Plus LED600 3-Light Kit fully assembled on light stands, with the soft nylon carrying case in

3. Setup

Follow these steps to set up your Dracast BoltRay Plus LED600 light fixture:

1. **Mounting the Light:** Attach the light fixture, using its integrated U-shaped yoke, to a compatible light stand or mounting accessory. Ensure the mounting knob is securely tightened.

2. **Attaching Barndoors:** Align the 4-way barndoors with the front of the light fixture and secure them using the locking mechanism. The barndoors allow for shaping the light beam.

3. **Installing Diffusion Filter:** If softer light is desired, insert the removable diffusion filter into the designated slot on the front of the light, behind the barndoors.

4. **Powering the Light:**

   - **AC Power:** Connect the multi-voltage AC power adapter to the DC input port on the light fixture. Plug the other end into a suitable power outlet.

   - **Battery Power:** For portable operation, insert two compatible NP-F type batteries (sold separately) into the dual battery plates on the rear of the light fixture. Ensure correct polarity.

Image 3.1: A close-up view of the Dracast BoltRay Plus LED600 light head, showing the central COB LED, attached 4-way barndoors, and the blue mounting bracket.

4. Operating Instructions

The Dracast BoltRay Plus LED600 offers precise control over light intensity and color temperature.

4.1. Control Panel Operation

The control panel is located on the rear of the light fixture and features an LCD digital display and control knobs.

Image 4.1: Side view of the Dracast BoltRay Plus LED600 light, highlighting the rear control panel with its LCD display, control knobs, and power input ports.

- **Power On/Off:** Locate the power switch on the control panel and toggle it to the 'ON' position. The LCD display will illuminate.
- **Adjusting Intensity (Dimming):** Use the "INTENSITY" control knob to adjust the light output from 0% to 100%. The current intensity level will be shown on the LCD display.
- **Adjusting Color Temperature:** Use the "COLOR TEMP" control knob to change the color temperature from 3200K (warm tungsten) to 5600K (cool daylight). The selected color temperature will be displayed.

4.2. Remote Control Operation

The included remote control allows for wireless adjustment of intensity and color temperature.

- Ensure the remote control has working batteries.
- Point the remote control towards the light fixture's sensor.
- Use the designated buttons on the remote to increase/decrease intensity and adjust color temperature. Refer to the remote's markings for specific functions.

5. Maintenance

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the exterior of the light fixture. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the light kit in the provided travel case in a cool, dry place, away from direct sunlight and excessive dust.
- **Battery Care:** If using NP-F batteries, remove them from the fixture during extended periods of non-use to prevent discharge or leakage.

6. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty connection, dead batteries.	Check power cable connection. Ensure AC adapter is plugged in. If using batteries, check battery charge or replace. Verify power switch is ON.
Light flickers or is unstable.	Loose power connection, low battery, interference.	Secure all power connections. Recharge or replace batteries. Move away from potential sources of electromagnetic interference.
Remote control not working.	Dead batteries, obstructed signal, out of range.	Replace remote control batteries. Ensure a clear line of sight to the light's sensor. Operate within the specified range.
Light is too hot.	Blocked ventilation, prolonged use in high ambient temperature.	Ensure ventilation openings are clear. Operate in a well-ventilated area. Reduce intensity if necessary.

7. Specifications

Feature	Detail
Model	DRBRPLLK3X600BH
Light Type	Bi-Color COB LED
Color Temperature	3200K - 5600K (Variable)
Color Rendering Index (CRI)	96
Dimming	0-100% (PWM Technology)

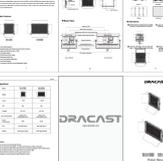| Feature	Detail
Beam Angle	45 degrees
Power Consumption	60W per fixture
Power Input	Multi-voltage AC adapter, Dual NP-F battery plates
Cooling	Virtually silent fan
Construction	Metal and plastic
Dimensions (per light)	13.7 x 6.1 x 13.5 inches
Weight (kit)	12.5 pounds

8. Warranty and Support

Dracast products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Dracast website. For technical support or service inquiries, please contact Dracast customer service directly.

Manufacturer: Draco Broadcast, INC.

Website: www.dracast.com

Related Documents - DRBRPLLK3X600BH

	Dracast Boltray DRBR1200B LED Light Instruction Manual & Specifications Comprehensive instruction manual and specifications for the Dracast Boltray DRBR1200B, a high-output, compact 120W LED COB light fixture for photo and filmmaking. Learn about features, operation, and safety.
	Dracast Kala Plus Series LED Light Operating Instructions and Technical Data Comprehensive operating instructions, technical specifications, and product overview for the Dracast Kala Plus Series LED lights, including models DRKP1000B, DRKP2000B, and DRKP3000B.
	Dracast Boltray Series DRBRP5000D 500W LED COB Light Fixture Instruction Manual Comprehensive instruction manual for the Dracast Boltray Series DRBRP5000D, a 500W portable LED COB light fixture with accurate color rendition, V-mount battery support, DMX control, and special effects. Includes specifications, safety warnings, and component details.
	Dracast KALA Series LED Video Lights - Product Manual Comprehensive product manual for Dracast KALA1000D, KALA1000B, KALA2000D, and KALA2000B professional LED video lights. Details features, specifications, accessories, and operational instructions.

Official operating instructions and user guide for the Dracast LED Fresnel Series lights, covering control modes, DMX setup, factory reset, and safety information.