Dracast Fresnel 1000 Daylight

Dracast LED Fresnel 1000 Daylight LED Light with DMX Control User Manual

Model: Fresnel 1000 Daylight

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your Dracast LED Fresnel 1000 Daylight LED Light. Please read this manual thoroughly before use and retain it for future reference. The Dracast Fresnel 1000 Daylight is a professional LED lighting fixture designed for studio and location use, offering a 5600K daylight-balanced output, adjustable beam angle, and DMX control capabilities.

SAFETY INSTRUCTIONS

- Always ensure the power supply matches the specified voltage (100-240 VAC).
- Do not operate the light in wet or damp conditions.
- Avoid direct eye exposure to the LED light source.
- Ensure proper ventilation around the fixture to prevent overheating.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Securely mount the fixture using appropriate stands and clamps.
- Keep away from children.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Dracast Fresnel Studio LED1000 Daylight LED Light
- 4-Way Barndoors
- AC Power Adapter

PRODUCT FEATURES

- 7-inch Fresnel Lens

- Adjustable Beam Angle: 15-60 Degrees
- Daylight Balance: 5600K
- Color Rendering Index (CRI): >95
- Yoke with 5/8-inch Receiver for stand mounting
- Equivalent to 1000W Tungsten Halogen output
- Onboard DMX512 control
- Power Options: 100-240 VAC Mains or 24 VDC Battery (battery not included)
- 0-100% Dimming capability
- Silent Passive Heat Sink Cooling System

SETUP

Figure 1: The Dracast LED Fresnel 1000 Daylight LED Light, shown with its four-way barndoors open, mounted on a light stand. The blue control panel with a digital display and DMX ports is visible on the side of the fixture.

1. **Mounting the Fixture:** Attach the light fixture's yoke to a compatible light stand using the 5/8-inch receiver. Ensure the fixture is securely tightened to prevent accidental movement.

2. **Attaching Barndoors:** Slide the included 4-way barndoors onto the front of the Fresnel lens. Secure them in place using the integrated clips or locking mechanism.

3. **Power Connection:**
   - **AC Power:** Connect the AC power adapter to the fixture's power input and then plug it into a standard 100-240 VAC electrical outlet.
   - **DC Battery Power (Optional):** If using a 24 VDC battery (not included), connect it to the appropriate DC input port on the fixture.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Locate the power switch on the control panel and toggle it to the 'ON' position. The digital

display will illuminate.

2. **Adjusting Brightness (Dimming):** Use the dedicated dimming knob or buttons on the control panel to adjust the light output from 0% to 100%. The current brightness level will be shown on the digital display.

3. **Adjusting Beam Angle (Spot/Flood):** Rotate the knob or lever on the side of the fixture to adjust the beam angle between 15 degrees (spot) and 60 degrees (flood). This changes the spread and intensity of the light.

4. **DMX Control:**
   - Connect a DMX controller to the fixture's DMX IN port using a standard DMX cable.
   - If chaining multiple DMX fixtures, connect the DMX OUT of the first fixture to the DMX IN of the next.
   - Set the DMX address on the fixture's control panel according to your DMX system's configuration. Refer to your DMX controller's manual for specific addressing instructions.
   - The fixture supports DMX512 protocol for remote control of brightness and other functions.

5. **Using Barndoors:** Adjust the individual leaves of the 4-way barndoors to shape the light beam and control spill.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the fixture. For the Fresnel lens, use a lens cleaning solution and a microfiber cloth to avoid scratches. Do not use harsh chemicals or abrasive materials.

- **Ventilation:** Ensure the passive heat sink fins are free from dust and obstructions to maintain efficient cooling.

- **Storage:** When not in use, store the light in a dry, dust-free environment, preferably in its original packaging or a protective case.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty cable; power switch off.	Check power cable connection; ensure power outlet is functional; verify power switch is 'ON'.
Light output is inconsistent or flickers.	Loose power connection; DMX signal issue; faulty dimmer.	Secure power connections; check DMX cable and controller settings; test with local dimming.
DMX control not working.	Incorrect DMX address; faulty DMX cable; DMX controller issue.	Verify DMX address setting; check DMX cable connections; test with a different DMX cable or controller.
Fixture feels excessively hot.	Obstructed ventilation; prolonged use in high ambient temperatures.	Ensure heat sink fins are clear; operate in a well-ventilated area. The unit uses passive cooling and will generate heat during operation.

SPECIFICATIONS

Model	Dracast Fresnel 1000 Daylight
Light Source	LED

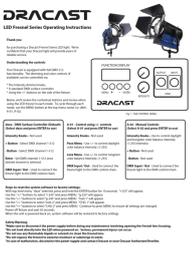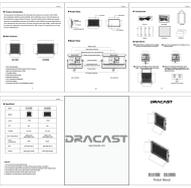|	
Color Temperature	5600K (Daylight)
CRI	>95
Beam Angle	15-60 Degrees (Adjustable)
Dimming	0-100%
Control	Onboard, DMX512
Power Input	100-240 VAC, 24 VDC
Cooling	Passive Heat Sink (Silent)
Mounting	Yoke with 5/8-inch Receiver
Item Weight	28 pounds
UPC	683405283584

WARRANTY INFORMATION

The Dracast LED Fresnel 1000 Daylight LED Light comes with a Limited 1-Year Warranty. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or contact Dracast customer support.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Dracast customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

Related Documents - Fresnel 1000 Daylight

[Dracast LED Fresnel Series Operating Instructions - User Guide](#)
Official operating instructions and user guide for the Dracast LED Fresnel Series lights, covering control modes, DMX setup, factory reset, and safety information.

[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 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 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.
	[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.
	[LEDJ Artisan 1000 RGBA Fresnel User Manual](#) This comprehensive user manual for the LEDJ Artisan 1000 RGBA Fresnel lighting fixture details its features, operation, DMX control, and safety guidelines. Ideal for professional stage and event lighting.

Documents - Dracast – Fresnel 1000 Daylight

no relevant documents