

Dracast DRX1000RGB

Dracast X Series LED1000 RGB and Bi-Color LED Video Light User Manual

Model: DRX1000RGB

Brand: Dracast

1. INTRODUCTION AND OVERVIEW

The Dracast X Series LED1000 is a versatile RGB and bi-color LED video light designed for professional video production, photography, and streaming. It offers full spectrum RGB color control, adjustable bi-color temperature from 2800K to 8000K, and high color accuracy with CRI and TLCI ratings of 96+. The light can be controlled manually via its advanced digital user interface or remotely using the Dracast DRX App for iOS and Android devices. Its durable aluminum construction, dual NP-F battery plate, and included accessories make it suitable for both studio and on-location use.



Figure 1: Rear view of the Dracast X Series LED1000 showing the control panel and dual NP-F battery plates.

Video 1: Dracast X-series 1000RGB Product Overview. This video provides a general overview of the light's features and design.

2. KEY FEATURES

- **Full Spectrum RGB Color:** Select from millions of colors using HSI (Hue / Saturation / Intensity) and RGB (Red / Green / Blue) color mixer modes. Includes preset color gels for quick selection.
- **Bi-Color Adjustable Color Temperature:** Adjust CCT from 2800K to 8000K to match ambient lighting. Features 96+ CRI and TLCI for excellent color rendition.
- **Remote Control with Dracast DRX App:** Control one or multiple lights from over 100 feet using the Dracast DRX App (iOS and Android). Features HSI sliders, RGB color wheel, color gel presets, and special effects (Police Car, Fireworks, Candlelight, Strobe, TV Screen, etc.). Dimming from 0% to 100% is adjustable via the app.
- **Durable Build Quality:** Constructed with an anodized aluminum metal housing for durability.

- **Included Accessories:** Comes with a mounting yoke with 5/8" baby pin adapter, pre-installed diffusion filter, four-way barn doors, and a soft carrying case.
- **AC / DC Power Options:** Can be powered via the included AC / DC power adapter or with dual NP-F style batteries (sold separately) for portable use.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the light and accessories for any signs of damage. Retain the packaging for future storage or transport.

3.2 Mounting the Light

1. Attach the included mounting yoke to a light stand using the 5/8" baby pin adapter.
2. Securely tighten the mounting knob on the light stand.
3. Adjust the tilt of the light using the knobs on the sides of the yoke.

3.3 Powering the Light

The Dracast X Series LED1000 offers two power options:

- **AC Power:** Connect the included AC/DC power adapter to the DC input port on the light and then to a standard wall outlet.
- **DC Battery Power:** Insert two compatible NP-F style batteries (sold separately) into the dual NP-F battery plate on the rear of the light. Ensure batteries are fully charged before use.



Figure 2: Rear view of the light, highlighting the control panel and battery plate for power options.

4. OPERATING INSTRUCTIONS

4.1 Manual Control

The light features an advanced digital user interface with a display screen and control knob for direct adjustments. Refer to the on-screen menu for navigating different modes (CCT, HSI, Gel, Effects) and adjusting parameters like brightness, color temperature, hue, saturation, and intensity.

4.2 Dracast DRX App Control

For advanced control and convenience, download the Dracast DRX App from the iOS App Store or Google Play Store. Ensure your light's Bluetooth is enabled and follow the app's instructions to pair your device.

Video 2: Dracast X-Series RGB App Demo. This video demonstrates the various control features available through the Dracast DRX App, including dimming, CCT, HSI, color picker, gels, and special effects.

4.2.1 Dimming Control

Adjust the brightness from 0% to 100% using the dimming slider in the app. This can be done for individual lights or groups.

4.2.2 Bi-Color CCT Control

In CCT mode, adjust the color temperature between 2800K and 8000K. This allows for precise matching of ambient light conditions.

4.2.3 Full Spectrum Color Picker (HSI/RGB)

Utilize the color picker or HSI sliders (Hue, Saturation, Intensity) to select from millions of colors. The RGB color mixer also provides granular control over red, green, and blue channels.



Figure 3: Dracast X Series LED1000 set to emit green light, demonstrating its RGB capabilities.

4.2.4 Color Gel Presets

The app includes a library of preset color gels for quick and consistent color application.

4.2.5 Special Lighting Effects

Access various built-in lighting effects such as Police Car, Fireworks, Candlelight, Strobe, and TV Screen to add dynamic elements to your productions. These effects are customizable within the app.

4.2.6 Multi-Light Group Control

Assign multiple Dracast X Series lights to groups within the app for synchronized control or individual adjustments within a group.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light's exterior. For the diffusion panel, use a slightly damp, lint-free cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the light in its soft carrying case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If using NP-F batteries, ensure they are fully charged before extended storage and periodically recharged to maintain battery health.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|---|--|
| Light does not turn on | No power supply; discharged batteries; power switch off. | Check AC adapter connection or battery charge. Ensure the power switch is in the 'ON' position. |
| App cannot connect to light | Bluetooth is off; light is out of range; app not updated. | Ensure Bluetooth is enabled on both devices. Move closer to the light. Update the Dracast DRX App to the latest version. |
| Inconsistent color output | Incorrect settings; external interference. | Verify color settings in the app or on the light's display. Reset to default settings if necessary. |
| Flicker at certain shutter speeds (video) | Synchronization issue with camera shutter. | Adjust camera shutter speed (e.g., try 60 or 200) to avoid flicker. |

7. SPECIFICATIONS

| Feature | Detail |
|--------------------------|------------------|
| Brand | Dracast |
| Model Name | X Series LED1000 |
| Manufacturer Part Number | DRX1000RGB |

| Feature | Detail |
|-------------------------|---|
| Connectivity Technology | Bluetooth |
| Hardware Interface | Bluetooth |
| Flash Modes Description | Adjustable brightness, adjustable color temperature |
| Water Resistance Level | Not Water Resistant |
| Compatible Devices | iOS and Android smartphones and tablets |
| Item Weight | 5.5 Pounds |
| UPC | 610877753314 |

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Dracast website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.

For additional resources and product information, visit the [Dracast Store on Amazon](#).