

Dracast DR-DRSP500BN

Dracast DR-DRSP500BN LED500 Bicolor S-Series Light Panel User Manual

Model: DR-DRSP500BN

INTRODUCTION

The Dracast DR-DRSP500BN LED500 Bicolor S-Series Light Panel is a versatile and durable lighting solution designed for professional photography and videography. It features a variable color temperature range from 3200K to 5600K, allowing for precise control over lighting conditions. With 480 LED beads and a maximum power consumption of 30W, this panel delivers high-quality illumination. Its robust anodized aluminum frame and U-shaped yoke ensure stability and easy positioning. The LED500 can be powered by either the included AC adapter for studio use or NP-F batteries for on-location shoots, offering flexibility and convenience.



Figure 1: Dracast LED500 Bicolor S-Series Light Panel. This image shows the front view of the LED light panel, featuring its array of LED beads and the blue anodized aluminum frame with the U-shaped mounting yoke.

PRODUCT HIGHLIGHTS

- **3200K-5600K Variable Color Temperature:** Adjust color temperature to match ambient light or other fixtures.
- **480 LED Beads:** Provides bright and even illumination.
- **30W Max Power Consumption:** Efficient power usage for extended operation.
- **Works with NP-F Batteries:** Offers portable power options for field use.
- **Compact Size:** Measures 10 x 10.4 x 1.8 inches and weighs 2 lb for easy transport.
- **45-Degree Beam Angle:** Delivers focused light spread.
- **AC or DC Operation:** Flexible power options for studio or location.
- **100-0% Dimming:** Smooth brightness control.
- **CRI: 96+:** Ensures accurate color rendition.

PACKAGE CONTENTS

Please check the package carefully to ensure all items are present:

- Dracast LED500 S Series Bi-Color Panel with NP-F Battery Plate
- Carry Case
- Diffusion Filter
- AC Power Adapter with power cord
- Instruction Manual (this document)

Note: Light Stands and Barndoors are not included with this product.

SETUP INSTRUCTIONS

1. **Unpack the Light Panel:** Carefully remove the LED500 panel and all accessories from the carry case.
2. **Mounting:**
 - Locate the 5/8" receiver on the U-shaped yoke of the light panel.
 - Attach the light panel to a compatible light stand (not included) by inserting the stand's spigot into the receiver.
 - Tighten the locking knob on the yoke to secure the panel in place.
 - Adjust the angle of the light panel using the locking knobs on each side of the yoke.
3. **Power Connection:**
 - **AC Power:** Connect the included AC power adapter to the power input port on the light panel. Plug the other end of the adapter into a standard 100-240 VAC power outlet.
 - **DC (Battery) Power:** If using NP-F batteries (not included), insert fully charged batteries into the NP-F battery plate on the rear of the panel. Ensure correct polarity.
4. **Attach Diffusion Filter:** If desired, slide the diffusion filter into the designated slots on the front of the light panel to soften the light output.

OPERATION

Once the light panel is powered on, you can adjust its settings using the controls located on the back of the unit.

- **Power On/Off:** Locate the power switch and toggle it to the 'ON' position to turn on the light.

- **Brightness Dimming (100-0%):** Use the dedicated dimmer knob or buttons to adjust the light intensity from 100% down to 0%. Rotate clockwise to increase brightness, counter-clockwise to decrease.
- **Color Temperature Adjustment (3200K-5600K):** Use the color temperature control knob or buttons to change the color output. Rotate to select between warmer (3200K) and cooler (5600K) light.
- **Monitoring Settings:** The integrated display (if present) will show the current brightness percentage and color temperature setting.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the light panel. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the electrical components. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the light panel in its included carry case to protect it from dust, moisture, and physical damage. Store in a cool, dry place.
- **Battery Care:** If using NP-F batteries, follow the manufacturer's guidelines for charging and storage to prolong battery life. Remove batteries if the unit will not be used for an extended period.
- **Inspection:** Periodically inspect cables and connections for any signs of wear or damage. Replace damaged components immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty power adapter/battery.	Ensure power adapter is securely connected and plugged into a live outlet. If using batteries, check if they are charged and correctly inserted. Try a different power source if available.
Light flickers or is unstable.	Unstable power supply, loose cable, low battery.	Check all power connections. Ensure the power source is stable. If on battery, replace with a fully charged one.
Cannot adjust brightness or color temperature.	Controls are stuck or faulty.	Gently try to operate the knobs/buttons. If unresponsive, contact customer support.
Light output is too harsh.	Diffusion filter not installed.	Ensure the diffusion filter is properly installed in front of the LED panel.

SPECIFICATIONS

Feature	Detail
Model	DR-DRSP500BN
Color Temperature	3200K - 5600K (Variable)
LED Beads	480

Feature	Detail
Max Power Consumption	30W
Power Source	AC (100-240 VAC) or NP-F Batteries
Dimensions (L x W x H)	10 x 10.4 x 1.8 inches
Weight	2 lb
Beam Angle	45-Degree
Dimming	100-0%
CRI	96+
Manufacturer	Dracast
ASIN	B07P5JBTN4
UPC	602401681958

WARRANTY AND SUPPORT

This Dracast LED500 Bicolor S-Series Light Panel comes with a**Limited 1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. For technical support, warranty claims, or service inquiries, please contact Dracast customer service through their official website or the retailer from whom you purchased the product. Please have your product model number (DR-DRSP500BN) and proof of purchase ready when contacting support. For more information, visit the official[Dracast Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

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.

Submit question