NANLITE FS-200B

Nanlite FS-200B Bi-Color Studio Spotlight User Manual

Model: FS-200B | Brand: NANLITE

1. PRODUCT OVERVIEW

The Nanlite FS-200B is a powerful bi-color LED studio spotlight designed for professional photography and videography. It offers adjustable color temperature from 2700K to 6500K and dimming capabilities, providing versatile lighting options for various shooting environments. The fixture features a Bowens Mount for wide compatibility with light modifiers and multiple control options including on-board controls, Bluetooth for the NANLINK app, and 2.4G for a separately available remote.

Figure 1.1: Front view of the Nanlite FS-200B mounted on a light stand. This image illustrates the compact design and the main light source.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present and undamaged.

- Nanlite FS-200B Bi-Color Studio Spotlight
- Power Cable
- Standard 55-degree Reflector (Bowens Mount)
- Protective Cap for COB LED

Figure 2.1: All components included in the Nanlite FS-200B package. This image shows the light, reflector, power cable, and protective cap.

3. Setup Instructions

1. **Mounting the Light:** Securely attach the FS-200B to a compatible light stand using the integrated yoke and stand mount. Ensure the locking knob is tightened to prevent accidental movement.

2. **Attaching the Reflector:** Align the Bowens Mount of the standard reflector with the mount on the front of the FS-200B. Insert the reflector and twist clockwise until it locks into place. To remove, press the release button and twist counter-clockwise.

3. **Power Connection:** Connect the provided power cable to the AC input port on the rear of the FS-200B. Plug the other end into a suitable AC power outlet (100-240V AC).

NANLITE

001% 5400K

MODE

INPUT:
100-240VAC

4. OPERATING THE FS-200B

4.1. Basic Operation

1. **Power On/Off:** Locate the power switch on the rear panel and flip it to the 'ON' position to power on the light. Flip to 'OFF' to power down.

2. **Adjusting Brightness:** Use the **DIM** knob on the control panel to adjust the light intensity from 0% to 100%. The current percentage will be displayed on the OLED screen.

3. **Adjusting Color Temperature:** Use the **CCT** knob to change the color temperature between 2700K (warm) and 6500K (cool). The selected Kelvin value will be shown on the OLED screen.

4.2. Control Options

The FS-200B offers multiple ways to control its functions:

- **On-Board Controls:** Directly use the knobs and buttons on the rear panel for immediate adjustments.
- **Bluetooth (NANLINK App):** Download the free NANLINK app for iOS and Android devices. Enable Bluetooth on your device and pair with the FS-200B to control brightness, color temperature, and special effects remotely.
- **2.4G Wireless:** The FS-200B supports 2.4G wireless control with the separately available WS-RC-C2 handheld remote. Refer to the remote's manual for pairing instructions.

4.3. Special Effects

The FS-200B includes 12 built-in practical effects to enhance your creative productions. To access these effects, press the **MODE** button on the control panel and navigate through the options using the knobs. Effects include:

- TV
- Paparazzi
- Candle/Fire
- Fireworks
- Explosion
- Storm
- And more...

Figure 4.1: Detailed view of the FS-200B control panel, showing the OLED display, dimming and CCT knobs, and mode button.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. Do not use abrasive cleaners or solvents. Ensure the cooling vents are free from dust and obstructions.
- **Storage:** When not in use, store the FS-200B in a cool, dry place, away from direct sunlight and excessive humidity. It is recommended to use the original packaging or a padded case for transport and storage.
- **Safety:** Always disconnect the power cable before cleaning or performing any maintenance. Do not block the ventilation holes during operation.

Figure 5.1: Side view of the FS-200B, illustrating the ventilation design crucial for maintaining optimal operating temperature.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; power cable loose; power switch off.	Check power cable connection; ensure power outlet is active; confirm power switch is in 'ON' position.
Controls are unresponsive.	Temporary software glitch; remote control interference.	Power cycle the unit (turn off, wait 10 seconds, turn on); ensure no other 2.4G devices are causing interference if using remote.
Bluetooth connection issues.	Bluetooth not enabled on device; app not updated; light too far from device.	Ensure Bluetooth is on; update NANLINK app; move device closer to the light; restart both devices.
Light flickers or dims unexpectedly.	Unstable power supply; overheating.	Ensure stable power source; check for blocked vents and allow light to cool down.

7. SPECIFICATIONS

Feature	Detail
Model Number	FS-200B
Product Dimensions	12.17 x 9.13 x 4.84 inches
Item Weight	6.38 pounds
Color Temperature	2700K-6500K
Connectivity	Bluetooth, 2.4G
Mount Type	Bowens Mount
Flash Modes Description	Constant illumination, adjustable brightness, adjustable color temperature
Manufacturer	Nanlite

8. WARRANTY AND SUPPORT

The Nanlite FS-200B Bi-Color Studio Spotlight is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty duration and coverage details.

For technical support, service, or warranty claims, please contact Nanlite customer service through their official website or the retailer from whom you purchased the product. Keep your proof of purchase for warranty validation.

Note: No official seller videos were found for this product that meet the criteria for inclusion in this manual.

Related Documents - FS-200B

NANLITE FS-60B USER MANUAL Guangdong NanGuang Photo&Video Systems Co., Ltd	**Nanlite FS-60B LED Bi-color Spot Light User Manual** Comprehensive user manual for the Nanlite FS-60B LED Bi-color Spot Light, covering product details, technical specifications, usage instructions, operating modes, remote control, safety precautions, and troubleshooting.

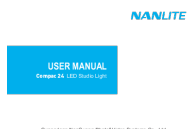|	
	[FC-300B LED Bi-color Spot Light User Manual](#) User manual for the FC-300B LED Bi-color Spot Light by Nanlite, covering technical data, remote control options, safety precautions, and FCC compliance.
	[Nanlite Forza 60B II LED Bi-color Spot Light User Manual](#) User manual for the Nanlite Forza 60B II LED Bi-color Spot Light, covering technical specifications, detailed descriptions of controls, remote operation, safety precautions, and FCC compliance.
	[Nanlite Forza 300B II LED Bi-Color Spot Light User Manual](#) Comprehensive user manual for the Nanlite Forza 300B II LED Bi-Color Spot Light, detailing product features, technical specifications, setup, operation modes (CCT, Effects, DMX/RDM), remote control, safety guidelines, and troubleshooting.
	[Nanlite FC-500B LED Bi-color Spot Light User Manual](#) User manual for the Nanlite FC-500B LED Bi-color Spot Light, detailing technical specifications, remote control features, safety precautions, notices, and FCC compliance information.
	[NANLITE Compac 24 LED Studio Light User Manual](#) Comprehensive user manual for the NANLITE Compac 24 LED Studio Light, covering product details, technical specifications, usage instructions, safety warnings, and troubleshooting.