

## Manfrotto 231B

# Manfrotto 231B Black 8' Column Light Stand with Sliding Arm - Instruction Manual

Model: 231B

## 1. INTRODUCTION

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Thank you for choosing the Manfrotto 231B Black 8' Column Light Stand with Sliding Arm. This professional-grade light stand is designed for photographers and videographers requiring robust support and versatile positioning for their lighting equipment. Its durable construction, adjustable height, and integrated sliding arm make it an essential tool for studio and on-location setups.

This manual provides detailed instructions for the safe and effective use, setup, operation, and maintenance of your Manfrotto 231B light stand. Please read this manual thoroughly before use to ensure optimal performance and longevity of your equipment.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury to yourself or others, and to avoid damage to the equipment.

- **Load Capacity:** Do not exceed the maximum load capacity of 17.64 lbs (8 kg). Overloading can cause the stand to tip or collapse, leading to equipment damage or personal injury.
- **Stability:** Ensure the stand's legs are fully extended and locked before mounting any equipment. Always place the stand on a stable, level surface.
- **Center of Gravity:** When attaching heavy equipment, ensure the weight is centered over the stand's base to maintain stability.
- **Movement:** When moving the stand with equipment mounted, do so slowly and carefully, especially on uneven surfaces. Ensure all locks are secure before moving.
- **Pinch Points:** Be aware of pinch points when extending or collapsing the stand. Keep hands and fingers clear of moving parts.
- **Environmental Conditions:** Avoid using the stand in strong winds or extreme weather conditions without proper

weighting or securing.

- **Maintenance:** Regularly inspect the stand for any signs of wear, damage, or loose components. Do not use if damaged.

### 3. PRODUCT OVERVIEW

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The Manfrotto 231B is an 8-foot black column stand featuring a sliding arm for ultimate adjustability. It is constructed from durable aluminum and steel, designed for professional use.

#### Key Features:

- **Superior Stability:** Robust aluminum and steel construction ensures equipment security.
- **Increased Portability:** Integrated wheels and a hand grip allow for effortless mobility.
- **Versatile Mounting:** Equipped with a 5/8" stud and 1/4" & 3/8" thread for wide compatibility.
- **High Load Capacity:** Safely supports equipment up to 17.64 lbs (8 kg).
- **Adjustable Height:** Extends up to 8 feet (250 cm) with a minimum height of 13.78 inches (35 cm).
- **Sliding Leg:** Features a sliding leg for ultimate adjustability on uneven surfaces.

#### Components:

1. Main Column
2. Sliding Arm with Spigot (5/8" stud, 1/4" & 3/8" thread)
3. Base with Foldable Legs
4. Locking Wheels (3)
5. Height Adjustment Knobs/Levers
6. Sliding Leg Adjustment Mechanism

#### Product Images:



Figure 3.1: The Manfrotto 231B light stand in its fully extended position, showcasing the main column, sliding arm, and wheeled base.



Figure 3.2: A detailed view of the sliding arm mechanism, showing the spigot attachment point and the lever for adjusting its position along the column.



Figure 3.3: The base of the light stand with its three foldable legs and integrated locking wheels, providing stability and mobility.



Figure 3.4: The Manfrotto 231B light stand in its folded configuration, demonstrating its compact form for transport and storage.



Figure 3.5: A close-up of the top of the main column, showing the attachment point for accessories or the sliding arm.

## 4. SETUP AND ASSEMBLY

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The Manfrotto 231B comes largely pre-assembled. Follow these steps to prepare your stand for use:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Extend Legs:** Place the stand on a flat surface. Gently pull the legs outwards until they are fully extended and locked into position. Ensure the base is stable.
3. **Lock Wheels:** Engage the brakes on all three wheels to prevent unintended movement during setup and operation.
4. **Attach Sliding Arm:** If the sliding arm is not already attached, slide it onto the main column. Secure it at the desired

height using the locking lever on the arm.

5. **Check Connections:** Verify that all knobs and levers are securely tightened before mounting any equipment.

## 5. OPERATING INSTRUCTIONS

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### Adjusting Height:

1. **Unlock:** Loosen the height adjustment knob on the main column.
2. **Extend/Retract:** Carefully raise or lower the column to the desired height. Support the column with one hand while adjusting.
3. **Lock:** Once at the desired height, firmly tighten the height adjustment knob to secure the column.

### Using the Sliding Arm:

1. **Unlock:** Loosen the lever on the sliding arm.
2. **Position:** Slide the arm up or down the main column to the desired vertical position.
3. **Lock:** Firmly tighten the lever to secure the sliding arm in place.
4. **Mount Equipment:** Attach your lighting fixture or accessory to the spigot on the sliding arm. Ensure it is securely fastened.

### Adjusting Sliding Leg:

The sliding leg allows for leveling the stand on uneven terrain or steps.

1. **Identify Unevenness:** Determine which leg needs adjustment to level the stand.
2. **Unlock:** Locate the locking mechanism for the sliding leg (usually a knob or lever near the base of the leg). Loosen it.
3. **Adjust:** Extend or retract the sliding leg until the stand is level and stable.
4. **Lock:** Firmly tighten the locking mechanism to secure the sliding leg.

### Mobility:

To move the stand, ensure all equipment is securely mounted and all height/arm adjustments are locked. Release the wheel brakes and carefully roll the stand to the new location. Re-engage wheel brakes once positioned.

## 6. MAINTENANCE AND CARE

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- **Cleaning:** Wipe down the stand with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Periodically apply a small amount of silicone-based lubricant to the moving parts (e.g., column sections, sliding arm track) to ensure smooth operation. Do not over-lubricate.
- **Inspection:** Regularly check all screws, bolts, and locking mechanisms for tightness. Inspect the legs and column for any dents, bends, or cracks.
- **Storage:** When not in use, collapse the stand to its minimum height and fold the legs for compact storage. Store in a dry, clean environment away from extreme temperatures.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stand is wobbly/unstable.	Legs not fully extended or locked; uneven surface; overloaded.	Ensure legs are fully extended and locked. Adjust sliding leg for uneven surfaces. Reduce load to within capacity.
Column or sliding arm difficult to adjust.	Locking mechanism too tight; lack of lubrication; dirt/debris.	Loosen locking knob/lever. Clean and apply a small amount of silicone lubricant to moving parts.
Wheels not rolling smoothly.	Debris in wheels; wheel brakes engaged.	Clean wheels of any debris. Ensure wheel brakes are disengaged.
Paint chipping/flaking.	Normal wear and tear; harsh chemicals used for cleaning.	Use only mild cleaners. This is often cosmetic and does not affect functionality.

## 8. SPECIFICATIONS

Attribute	Value
Model Number	231B
Brand	Manfrotto
Attachment (Top)	Type 1 + spigot art.013 female
Closed Length	47.64 inches (121 cm)
Color	Black
Column Cross-Section	Round
Column Tube Diameter	35mm
Footprint - Maximum Diameter	39.37 inches (100 cm)
Leg Cross-Section	Rectangular
Leveling Leg	Yes
Load Capacity	17.64 lbs (8 kg)
Material	Aluminum
Maximum Height	98.42 inches (250 cm)
Minimum Height	13.78 inches (35 cm)
Item Weight	14.11 lbs (6.4 kg)
Product Dimensions	50 x 15 x 10 inches

Attribute	Value
Country of Origin	Italy

## 9. WARRANTY AND SUPPORT

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Manfrotto products are manufactured to high quality standards and are designed for professional use. Specific warranty terms and conditions may vary by region and purchase location. Please refer to the official Manfrotto website or your point of purchase for detailed warranty information.

For technical support, spare parts, or service inquiries, please contact Manfrotto customer service or visit their official website:

**Manfrotto Official Website:** [www.manfrotto.com](http://www.manfrotto.com)

You may also find additional support resources, FAQs, and product registration information on their website.

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