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› SmallRig RA-S280A 9.2ft Photography Light Stand with Boom Arm Instruction Manual

SMALLRIG RA-S280A

SmallRig RA-S280A 9.2ft Photography Light Stand with Boom Arm Instruction Manual

Model: RA-S280A

1. INTRODUCTION

Thank you for choosing the SmallRig RA-S280A 9.2ft Photography Light Stand with Boom Arm. This heavy-duty aluminum air-cushioned light stand is designed to provide stable and flexible support for various photographic equipment, including softboxes, studio lights, flashes, ring lights, and cameras. Its robust construction and air-cushioned design ensure safe and reliable operation in diverse shooting environments.

2. SAFETY INFORMATION

- Always ensure the light stand is placed on a stable, level surface before mounting any equipment.
- Do not exceed the maximum load capacity of 11 lbs (5 kg).
- When adjusting height, loosen the locks gradually to allow the air-cushioned system to function properly and prevent sudden drops.
- Secure all locking knobs tightly after making adjustments to prevent accidental movement.
- Use sandbags or other counterweights on the boom arm to balance heavy loads and prevent tipping, especially when extending the arm horizontally.
- Avoid exposing the stand to extreme weather conditions (e.g., strong winds, heavy rain) without proper precautions.
- Keep hands and fingers clear of moving parts during adjustment to prevent pinching.

3. PACKAGE CONTENTS

In the Box

RA-S280A Air-cushioned Light Stand × 1
Stainless Steel Connector × 1

Metal Hook × 1
Sandbag × 1

Boom Arm × 1



RA-S280A Air-Cushioned Light Stand with Arm

Storage Height

940.0 mm / 37.0 in

Maximum Height

2800.0 mm / 9.2 ft

Boom Length Range

950.0 - 1700.0 mm / 7.0 - 66.9 in

Boom Arm Diameter

26.0 - 23.0 mm / 1.0 - 0.9 in

Foot Tube Diameter

22.0 mm / 0.9 in

Stand Rod Diameter

35.0 - 30.0 - 25.0 mm / 1.4 - 1.2 - 1.0 in

Maximum Load Capacity

5000 g / 11 lbs

Light Stand Net Weight

3000 g / 6.6 lbs

Light Stand Gross Weight

3500 g / 7.7 lbs

Light Stand Color

Black

Light Stand Material

Aluminum Alloy

The SmallRig RA-S280A package includes the following items:

- 1 x RA-S280A Air-cushioned Light Stand
- 1 x Boom Arm
- 1 x Stainless Steel Connector
- 1 x Metal Hook
- 1 x Sandbag (empty, for counterweight)

Image: Contents of the SmallRig RA-S280A package, showing the folded light stand, boom arm, sandbag, metal hook, and connector.

4. PRODUCT OVERVIEW

180° Degree Adjustment Boom Arm

This extendable aluminum alloy boom arm can pivot and swivel up to 180° for unlimited control.



1/4"-20 Screw



Crossbar Adjustment



Up and Down Adjustment



Comfortable Cushion



Light Stand Lock Knob & Horizontal Adjustment



Image: Detailed diagram highlighting key components of the light stand, including the 1/4"-20 screw, aluminum alloy tube, anodized flip lock, reinforced support bar, strong connection joint, reinforced support frame, and nylon tipped feet.

Key Features:

- **Air-Cushioned Design:** Prevents sudden drops of equipment during height adjustment, enhancing safety and stability.
- **Adjustable Height:** Extends from 94 cm (37 in) to 280 cm (110 in) for versatile positioning.
- **Extendable Boom Arm:** All-metal aluminum alloy boom arm pivots and swivels up to 180° for flexible lighting angles.
- **Universal Compatibility:** Features a 1/4"-20 thread adapter for wide compatibility with various photographic accessories.
- **Robust Construction:** Made from aluminum alloy and iron with a reinforced support frame and anti-slip nylon feet for stability.
- **Compact Storage:** Folds down to 94 cm (37 in) for easy transport and storage.

5. SETUP

1. Unfold the Legs:

Place the light stand on a flat surface. Gently pull the legs outwards until they are fully extended and

locked into position. Ensure the legs are spread wide enough to provide maximum stability.



Image: The SmallRig light stand with its three legs fully extended for stability.

2. **Adjust Height (Light Stand):**

Loosen the flip locks on each section of the main stand. Extend the desired sections to the required height. Tighten the flip locks securely to fix the height. The air-cushioned design will prevent rapid descent when loosening the locks.

Innovative Flat Head 1/4"-20 Screw

Compatible with most of the studio photographic equipment.
Made of stainless steel, strong and durable.

1/4"-20 Screw



Parabolic Softbox
ID: 3585



Rectangular Softbox
ID: 3930



Camera



Lantern Softbox
ID: 3754



Bi-color Video Light
ID: 3471



Daylight Video Light
ID: 3470

Image: Illustration of the light stand at minimum, middle, and maximum heights, demonstrating its adjustable range.

3. Attach Boom Arm:

Insert the boom arm into the receiver on the top section of the light stand. Secure it by tightening the locking knob on the receiver. The boom arm can be adjusted for angle and extension.

Meet Different Shooting Scenes

Widely used in various occasions, such as indoor studio shooting and outdoor shooting.



Image: The boom arm attached to the light stand, illustrating its 180-degree pivot and swivel capability with various adjustment points.

4. Mount Equipment:

Attach your photographic equipment (e.g., softbox, flash, camera) to the 1/4"-20 screw adapter on the light stand or the boom arm. Ensure the equipment is securely fastened.

Excellent Shock Absorber System

Built-in air-cushioned design helps to reduce lights damage or finger pinch caused by sudden and sharp drop of devices during height adjustment. Triple-legs design helps to increase stability and minimized shake when using.

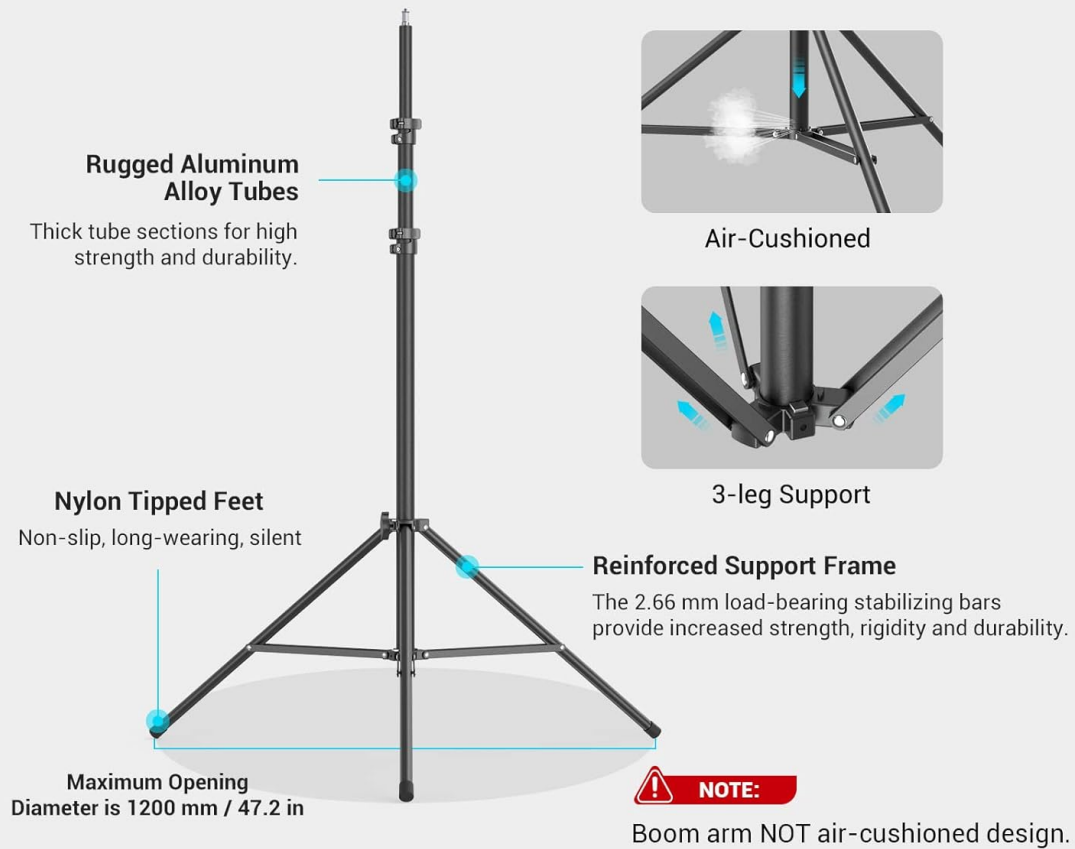


Image: Close-up view of the innovative flat head 1/4"-20 screw, compatible with various studio photographic equipment like softboxes, video lights, and cameras.

5. Add Counterweight (for Boom Arm):

If using the boom arm with heavy equipment, fill the provided sandbag with sand or other suitable weight and attach it to the metal hook on the opposite end of the boom arm to ensure balance and stability.

6. OPERATING INSTRUCTIONS

Adjusting Height:

To adjust the height of the light stand, loosen the flip locks on the desired sections. The air-cushioned mechanism will slow down the descent of the sections, preventing sudden drops. Once the desired height is reached, firmly tighten all flip locks.

Adjusting Boom Arm:

The boom arm features separate locking knobs for tilt, pan, and arm extension. Loosen the relevant knobs to adjust the position and angle of your light. Always ensure these knobs are securely tightened before leaving the setup unattended.

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Video: Official SmallRig demonstration of the Aluminum Light Stand (Model 3737), showcasing its features and adjustments.

7. MAINTENANCE

- **Cleaning:** Wipe down the stand with a soft, dry cloth after each use to remove dust and debris. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly.
- **Lubrication:** Periodically check the moving parts and locking mechanisms. Apply a small amount of silicone-based lubricant if any parts feel stiff. Avoid oil-based lubricants as they can attract dust.
- **Storage:** Collapse the light stand and boom arm completely for storage. Store in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the stand for any signs of wear, damage, or loose components. Do not use if any part is damaged.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stand is unstable/wobbly.	Legs not fully extended or locked; uneven surface; overloaded.	Ensure legs are fully spread and locked. Place on a level surface. Reduce load or use counterweights.
Sections slide down unexpectedly.	Flip locks not tightened sufficiently; excessive load.	Firmly tighten all flip locks. Do not exceed maximum load capacity.
Boom arm sags or rotates.	Boom arm locking knobs not tightened; insufficient counterweight.	Tighten all boom arm adjustment knobs. Add appropriate counterweight to balance the load.
Difficulty adjusting height.	Locks are too tight; dirt/debris in sections.	Loosen locks appropriately. Clean and lubricate sections if necessary.

9. SPECIFICATIONS

Feature	Detail
Model Name	RA-S280A
Material	Aluminum Alloy, Iron
Color	Black
Maximum Height	2800 mm (9.2 ft / 110 in)
Minimum Height	940 mm (3.08 ft / 37 in)
Folded Size	940 mm (37 in)
Boom Arm Length Range	950 - 1700 mm (37 - 66.9 in)
Maximum Load Capacity	5 kg (11 lbs)
Item Weight	3 kg (6.6 lbs)
Foot Tube Diameter	22 mm (0.9 in)
Stand Rod Diameter	35.0 - 30.0 - 25.0 mm (1.4 - 1.2 - 1.0 in)
Special Feature	Air Cushioned

10. WARRANTY

This SmallRig RA-S280A Photography Light Stand with Boom Arm comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official SmallRig website or contact customer support.

11. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official SmallRig website or contact their customer service team. You can find more information and resources at:

SmallRig Official Website: www.smallrig.com

Amazon Store: SmallRig Amazon Store