

Sirui HA-77

Sirui HA-77 Telescopic Boom Extension Arm Instruction Manual

Model: HA-77

INTRODUCTION

The Sirui HA-77 Telescopic Boom Extension Arm is a versatile accessory designed to expand the capabilities of your tripod setup. It allows for flexible camera positioning, particularly useful for specialized photography such as top-down, macro, food, and repro photography. This manual provides essential information for the proper setup, operation, and maintenance of your HA-77 boom arm.

PRODUCT FEATURES

- **Telescopic Function:** Extends from 50.5 cm (19.7 inches) to 77 cm (30.3 inches) for increased reach.
- **Universal Compatibility:** Features 3/8" connection for tripods and reversible 1/4" and 3/8" screws for camera heads or cameras (adapter included).
- **Flexible Positioning:** Offers 360° rotation and 90° tilt (+90° to -90°) for precise camera angles.
- **Secure Mounting:** Equipped with two locking screws for tripod heads and wing screws for secure setup.
- **Counterbalance Hook:** Integrated load hook for attaching counterweights to enhance stability.
- **Ergonomic Grip:** Soft foam rubber grip for comfortable and safe operation.
- **Measurement Scales:** Linear and angular scales facilitate repeatable settings.
- **Integrated Tool:** 3mm Allen key integrated into the handle and hook for convenience.
- **High Load Capacity:** Supports a maximum loading capacity of 5 kg (11 lb).

PACKAGE CONTENTS

Upon unpacking, please verify that all items are present:

- 1x Sirui HA-77 Telescopic Boom Extension Arm
- 1x Carrying Bag
- Allen Keys (typically 3)

- 1/4" to 3/8" screw adapter (may be pre-installed)



Image: Contents of the Sirui HA-77 package, showing the boom arm, carrying bag, and adjustment tools.

SETUP INSTRUCTIONS

1. Attaching to a Tripod

1. Ensure your tripod is stable and capable of supporting the combined weight of the boom arm, camera, and any accessories.
2. Locate the 3/8" mounting thread on the base of the HA-77 boom arm.
3. Screw the boom arm onto the 3/8" screw of your tripod's center column or ball head. Tighten securely using the locking knob on the boom arm's base.



Image: The Sirui HA-77 boom arm attached to a tripod, demonstrating its angled position.

2. Mounting a Camera or Camera Head

1. At the end of the boom arm, you will find a reversible 1/4" and 3/8" screw. Select the appropriate thread for your camera or camera head.
2. Attach your camera directly or a ball head/fluid head to this screw.
3. Tighten the mounting plate securely. Ensure the camera or head is firmly seated to prevent rotation or accidental detachment.



Image: Detail of the camera mounting plate on the HA-77, showing the screw for attaching equipment.

3. Adjusting Length and Angle

1. **Telescopic Extension:** Loosen the locking collar on the telescopic section of the arm. Extend or retract the arm to the desired length (up to 77 cm). Tighten the collar firmly to secure the extension.
2. **Angle Adjustment:** Loosen the main locking knob at the central pivot point. Adjust the arm to the desired tilt angle (from +90° to -90°). Use the angular scale for precise adjustments. Tighten the knob to lock the angle.
3. **Rotation:** The arm can rotate 360° around its vertical axis when mounted on a tripod. Ensure the tripod's pan lock is released if you wish to rotate the entire assembly.



Image: The central pivot point of the HA-77, highlighting the angle and linear measurement scales for precise adjustments.



Image: The HA-77 boom arm extended, illustrating its telescopic capability for increased reach.

4. Using the Counterbalance Hook

For optimal stability, especially when the arm is extended or heavily loaded, utilize the integrated load hook. Attach a counterweight (e.g., a sandbag, camera bag, or dedicated counterweight) to the hook to balance the load and prevent tipping.



Image: The HA-77 boom arm in use with a camera, demonstrating the attachment of a counterbalance bag for stability.



Image: Detail of the foam grip and the integrated counterbalance hook, which also houses an Allen key.

OPERATING INSTRUCTIONS

The Sirui HA-77 is designed for various photographic applications:

- **Top-Down Photography:** Extend the arm horizontally over your subject. Adjust the tilt to point the camera directly downwards. Ensure adequate counterbalance.
- **Macro Photography:** Position your camera precisely over small subjects. The fine adjustment

capabilities allow for critical focusing distances.

- **Repro Photography:** Use the linear and angular scales to achieve consistent and repeatable camera positions for copying documents or artwork.
- **Dual Camera Setup:** The arm can accommodate a second camera, monitor, or accessory. This requires an additional mounting plate (sold separately) to be fitted.



Image: The HA-77 boom arm configured for a dual-camera setup, demonstrating its horizontal extension.

MAINTENANCE

- **Cleaning:** Wipe the arm with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals or abrasive materials.

- **Lubrication:** The moving parts are designed for smooth operation and generally do not require lubrication. If movement becomes stiff, consult Sirui support.
- **Storage:** Store the boom arm in its carrying bag in a dry, dust-free environment when not in use.
- **Inspection:** Regularly check all screws and locking mechanisms for tightness. Ensure no parts are loose or damaged before each use.

TROUBLESHOOTING

Arm is not stable or sags:

- Ensure all locking knobs and collars are fully tightened.
- Verify that the tripod itself is stable and capable of supporting the load.
- Utilize the counterbalance hook with an appropriate weight to offset the camera's weight, especially when extended.
- Check the maximum load capacity (5 kg / 11 lb) and ensure your equipment does not exceed it.

Camera/Head does not tighten securely on the mounting screw:

- Ensure you are using the correct 1/4" or 3/8" thread for your equipment. The screw is reversible.
- Verify that the camera or head's base is flat and makes full contact with the boom arm's mounting plate.
- If the camera or head rotates freely even when tightened, ensure the small set screw (if present on your camera/head) is properly engaged with the mounting plate.

SPECIFICATIONS

Feature	Specification
Model	HA-77
Material	Aluminum
Extended Length	50.5 cm (19.7 in) to 77 cm (30.3 in)
Folded Size	38.5 x 13 cm (15.2 x 5.1 inches)
Max. Loading Capacity	5 kg (11 lb)
Weight	1.19 kg (2.6 lb)
Tilt Range	+90° to -90°
Panorama Function	360°
Horizontal Movement	30.5 cm
Tube Diameter	24 - 28 mm
Base Diameter	48 mm
Tripod Connection	3/8" screw
Camera/Head Connection	1/4" or 3/8" screw (reversible)

SAFETY INFORMATION

- Always ensure all locking mechanisms are securely tightened before leaving your equipment unattended.
- Do not exceed the maximum load capacity of 5 kg (11 lb).
- Use a counterbalance when extending the arm significantly or using heavy equipment to prevent the tripod from tipping.
- Avoid sudden movements or impacts to the boom arm while equipment is mounted.
- Keep out of reach of children.

WARRANTY AND SUPPORT

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

Official Sirui Website: www.sirui.com