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Sirui SVH15

Sirui SVH15 Video Fluid Head Instruction Manual

Model: SVH15

1. Introduction

Thank you for choosing the Sirui SVH15 Video Fluid Head. This professional fluid head is engineered for smooth and precise camera movements, supporting a wide range of video and DSLR cameras. Constructed from durable aluminum alloy, it features advanced hydraulic damping, adjustable counterbalance, and intuitive controls to enhance your videography experience. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your SVH15 fluid head.

2. Key Features

- **Fully NF Blocking Hydraulic Damping:** Ensures smooth operation in temperatures ranging from -40°C to 60°C.
- **7+0 Steps of Counterbalance:** Supports camera weights from 4kg to 15kg for optimal balance.
- **Incremental Pan and Tilt Drag Control:** Allows precise adjustment of resistance for panning and tilting movements.
- **Side Loading Quick Release Plate:** Facilitates easy and rapid camera attachment and detachment.
- **DJI RS2/RS3/RS3 Pro Compatibility:** Seamless integration with DJI stabilizers for quick transitions.
- **75mm Half-Bowl Design:** Provides quick leveling capabilities.
- **Dual Adjustable Handles:** Offers enhanced control and comfort for complex camera movements.

3. Setup

3.1 Attaching the Fluid Head to a Tripod

The Sirui SVH15 features a 75mm half-bowl base for quick and easy leveling on compatible tripods.

1. Place the SVH15 fluid head onto the 75mm half-bowl receiver of your tripod.
2. Tighten the tripod's half-bowl locking knob to secure the fluid head firmly in place.
3. Use the 75mm half-bowl quick-release handle to adjust and level the head. Rotate the handle approximately two turns, press the knob, and pull out the handle to make adjustments. Once level, re-engage and tighten the handle.

3.2 Attaching the Pan Handles

The SVH15 supports dual pan handles for enhanced control.

1. Locate the handle attachment points on the fluid head.
2. Insert the pan handles into the attachment points and tighten the locking mechanisms until secure.
3. Adjust the angle and length of the handles to your preferred operating position.



Image 1: The Sirui SVH15 Video Fluid Head with its dual pan handles attached, ready for camera mounting. This view highlights the main body, pan/tilt controls, and the two adjustable handles.

3.3 Mounting Your Camera

The SVH15 features a side-loading quick release plate system.

1. Ensure the quick release plate is detached from the fluid head. If using a DJI RS2/RS3/RS3 Pro Quick Release Plate, detach one safety pin of the quick release clamp on the fluid head.
2. Attach the quick release plate to the bottom of your camera or camera rig, ensuring it is securely fastened.
3. Slide the camera with the attached quick release plate into the fluid head's receiver from the side until it clicks into place.
4. Engage the safety lock to prevent accidental release.
5. Adjust the camera's position on the quick release plate (up to 30mm back and forth range) to achieve optimal balance.

4. Operating the Fluid Head

4.1 Counterbalance Adjustment

The SVH15 offers 7+0 steps of counterbalance to match various camera weights (4kg to 15kg).

- With your camera mounted, release the tilt lock.

- Adjust the counterbalance dial until the camera remains stable at any tilt angle without assistance. This ensures smooth tilting movements and prevents the camera from tipping forward or backward.

4.2 Pan and Tilt Drag Control

The fluid head features incremental pan and tilt drag controls for precise resistance adjustment.

- Locate the pan and tilt drag control knobs (often labeled "PAN" and "TILT" or with numerical settings).
- Rotate the knobs to increase or decrease the drag resistance. Higher settings provide more resistance for slower, more controlled movements, while lower settings allow for faster, freer motion.
- Separate locking knobs are provided to completely lock the head in any desired pan or tilt position.

4.3 Panning and Tilting Range

- **Panning:** The head supports 360° continuous panning.
- **Tilting:** The head supports a tilt range of -70° to +90°.

5. Maintenance

- **Cleaning:** Wipe the fluid head with a soft, dry cloth after each use. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the fluid head in a clean, dry environment, away from extreme temperatures and humidity.
- **Inspection:** Periodically check all screws, knobs, and locking mechanisms to ensure they are secure. Do not overtighten.
- **Lubrication:** The hydraulic damping system is sealed and does not require user lubrication. Do not attempt to disassemble the fluid head for lubrication.

6. Troubleshooting

Problem	Possible Cause	Solution
Camera not balancing correctly.	Incorrect counterbalance setting or camera position.	Adjust the counterbalance dial (Section 4.1) and ensure the camera is positioned correctly on the quick release plate (Section 3.3).
Pan/tilt movements are too stiff or too loose.	Drag control settings are not optimal.	Adjust the pan and tilt drag control knobs to your desired resistance (Section 4.2).
Quick release plate not securing camera.	Plate not fully engaged or safety lock not activated.	Ensure the quick release plate is fully inserted and the safety lock is engaged. Check for any obstructions.
Head not level on tripod.	Half-bowl adjustment not properly set.	Loosen the 75mm half-bowl quick-release handle, level the head using the built-in bubble level (if present), and re-tighten (Section 3.1).

7. Specifications

Model:	SVH15

Construction Material:	Aluminum Alloy
Load Capacity:	4kg - 15kg (8.8 lbs - 33.1 lbs)
Counterbalance Steps:	7+0 Steps
Pan Drag Control:	Incremental
Tilt Drag Control:	Incremental
Panning Range:	360°
Tilting Range:	-70° to +90°
Operating Temperature:	-40℃ to 60℃ (-40°F to 140°F)
Quick Release Plate:	Side-loading, compatible with DJI RS2/RS3/RS3 Pro
Half-Bowl Size:	75mm
Item Weight:	3.7 kg (8.14 lbs)

8. Warranty and Support

Sirui products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official Sirui website.
If you encounter any issues or require technical assistance, please contact Sirui customer support through their official channels. Provide your product model (SVH15) and purchase details for efficient service.

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