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Magnus VT-5000

Magnus REX VT-5000 2-Stage Video Tripod with Fluid Head User Manual

Model: VT-5000

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Magnus REX VT-5000 2-Stage Video Tripod with Fluid Head. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

COMPONENTS OVERVIEW

The Magnus REX VT-5000 system includes the following main components:

- Fluid Head (VT-5000H)
- 2-Stage Tripod Legs (TL750A)
- Sliding Balance Camera Plate (Quick Release Plate)
- Pan Handle
- Mid-Level Spreader
- Rubber Feet (removable)
- Padded Carry Bag





Figure 1: Overview of the Magnus REX VT-5000 tripod system, showing the fluid head, legs, and pan handle.

SETUP INSTRUCTIONS

1. Unpacking and Initial Assembly

1. Remove all components from the padded carry bag.
2. Place the tripod legs on a flat, stable surface.
3. Release the leg locks and extend the legs to a desired height.



Figure 2: The Magnus REX VT-5000 tripod fully extended, demonstrating its stable three-leg configuration.

2. Attaching the Mid-Level Spreader

The mid-level spreader is pre-attached. To adjust its spread:

- Loosen the locking knobs on each arm of the spreader.
- Adjust the legs to the desired spread for stability or height.
- Tighten the locking knobs to secure the spreader in place. The legs can be closed with the spreader attached for transport.



Figure 3: A hand adjusting the mid-level spreader, which allows for variable leg spread and increased stability.

3. Adjusting Feet for Different Surfaces

The tripod features dual-spiked feet for soft surfaces and removable rubber feet for hard or delicate surfaces.

- For soft ground (e.g., grass, dirt), use the **spiked feet** for maximum grip.
- For hard or delicate surfaces (e.g., studio floor, concrete), attach the **rubber feet** over the spiked feet.



Figure 4: Top image shows the dual-spiked feet for soft terrain. Bottom image shows the rubber feet attached for hard surfaces.

4. Mounting the Camera Plate

1. Locate the quick-release plate on the fluid head.
2. Press the red release button and slide the plate out of the head.

3. Attach the camera plate to the bottom of your camera or camera cage using either the 1/4"-20 or 3/8"-16 tie-down screw. Ensure the spring-loaded locating pin engages if your camera has a compatible slot.
4. Slide the camera with the attached plate back into the fluid head until it clicks securely into place.



Figure 5: The quick-release plate detached from the fluid head, showing the mounting screws and the plate's design for secure camera attachment.

OPERATING INSTRUCTIONS

1. Adjusting Fluid Head Controls

The fluid head offers precise control over camera movement.

- **Tilt Drag:** Use the variable tilt drag knob to adjust the resistance for tilting movements. Turn clockwise for more drag, counter-clockwise for less.

- **Pan Drag:** The pan drag is fixed, providing consistent resistance for horizontal movements.
- **Counterbalance:** The head features spring-loaded counterbalance to assist with balancing heavier camera setups and prevent accidental tilting.



Figure 6: Close-up view of the fluid head, highlighting the tilt drag adjustment knob and other control points.

2. Balancing Your Camera

Proper camera balance is crucial for smooth operation.

- With the camera mounted, unlock the tilt mechanism.
- Adjust the position of the camera on the sliding balance plate (3.25" travel) until the camera remains level at any tilt angle without assistance.
- Lock the tilt mechanism once balanced.

3. Using the Pan Handle

The pan handle allows for precise manual control of pan and tilt movements.

- The head features two pan handle rosettes, allowing for left- or right-handed operation.
- Attach the included pan handle to your preferred rosette and tighten the locking screw.
- Use the pan handle to smoothly pan and tilt your camera.

4. Accessory Mounting

Two 1/4"-20 threaded accessory mounting holes are integrated into the head for attaching articulating arms, monitors, or other accessories.

MAINTENANCE

- **Cleaning:** Wipe down the tripod and fluid head with a soft, dry cloth after each use. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, collapse the tripod legs and secure them with the elastic line and hook. Store the tripod in its padded carry bag in a dry, cool place to protect it from dust and damage.
- **Inspection:** Periodically check all screws, knobs, and leg locks to ensure they are tight and functioning correctly. Do not overtighten.



Figure 7: The Magnus REX VT-5000 tripod neatly packed inside its padded carry bag for protection and transport.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not stable / Tilts unexpectedly	Improperly balanced camera; Tilt lock not engaged; Quick release plate not fully secured.	Ensure camera is properly balanced on the sliding plate. Engage the tilt lock when not actively tilting. Verify the quick release plate is fully seated and locked.
Legs slip on smooth surfaces	Rubber feet not attached or worn.	Attach the rubber feet over the spiked feet. Replace worn rubber feet if necessary.
Legs not extending or retracting smoothly	Leg locks are too tight or too loose; Dirt or debris in leg sections.	Adjust leg lock tension. Clean leg sections if debris is present.

SPECIFICATIONS

Feature	Detail
Model	VT-5000
Weight Capacity	Up to 17 lbs (7.7 kg)
Maximum Height	64.25 inches (163.2 cm)
Minimum Height	29 inches (73.6 cm)
Folded Length	32.6 inches (82.8 cm)
Item Weight	11.2 lbs (5.1 kg)
Ball/Bowl Size	75mm
Material	Aluminum
Color	Black
Tilt Drag	Variable Fluid Drag
Pan Drag	Fixed Fluid Drag
Counterbalance	Spring-loaded
Accessory Mounts	2 x 1/4"-20 threaded holes

WARRANTY INFORMATION

The Magnus REX VT-5000 2-Stage Video Tripod with Fluid Head is backed by a **5-year limited warranty**. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, please refer to the official Magnus website or contact customer support.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please visit the official Magnus website or contact their customer support department. Contact information can typically be found on the product packaging or the manufacturer's website.

