MAGNUS®



VT-4500

Owner's Manual

MAGNUS®

Video Tripod

Thank you for choosing Magnus.

The Magnus VT-4500 tripod is a durable and strong video camera support system for videographers and cinematographers on the go. It's constructed with sturdy aluminum legs and flip locks that provide stable support in demanding environments and on location. The fluid two-way video head allows you to make smooth and seamless 360° pans and +85°/-60° tilts, and independent pan and tilt locks deliver lock-down camera stability. A bubble level, 75 mm leveling ball, and self-adjusting feet ensure perfect alignment with the horizon, even on uneven surfaces like hills, curbs, and stairs.

Precautions

- Please read and follow these instructions and keep this manual in a safe place.
- Never set up or pull down the tripod while a camera is mounted.
- Do not move the tripod or adjust the legs while a camera is mounted.
- Do not exceed the maximum weight capacity of the tripod.
- Cameras should be securely fastened to the quick-release mounting plate before mounting onto the tripod.
- Never mount a camera to the tripod until all tripod legs are locked and stabilized.
- Do not lift or move the tripod by the head or the camera.
- Keep hands clear of the inside of the legs to avoid pinching fingers.
- The safe operation of the tripod is the responsibility of the user.
- All images are for illustrative purposes only.

Specifications

General

Height Range	33.5 to 73 in. (85.1 to 185.4 cm)
Maximum Load	17.6 lb. (8 kg)
Material	Aluminum
Bubble Level	Yes
Folded Length	35 in. (88.9 cm)
Weight	8.3 lb. (3.76 kg)

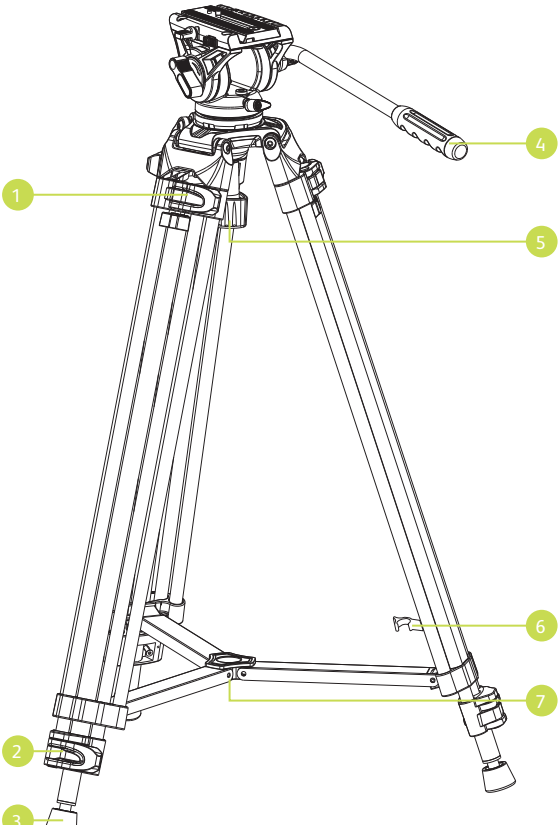
Head

Quick-Release Plate Dimensions	4.7 × 2 × 0.4 in. (12 × 5 × 1 cm)
Quick Release Safety	Yes
Camera Mounting Screw	1/4-20, 3/8-16
Tilt Range	+85° / -60°
Tilt Lock	Yes
Pan Range	360°
Pan Lock	Yes
Pan Handle Rosettes	1 (right)
Head Mount Type	75 mm half ball
Leg Sections	3

Legs

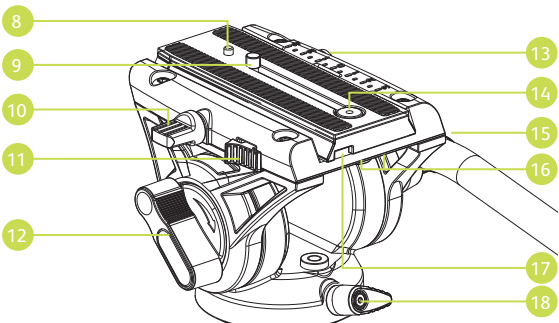
Material	Aluminum
Head Attachment Fitting	75 mm half ball
Leg Stages	2
Bubble Level	Yes
Spreader	Yes
Feet	Rubber, self-adjusting

Overview



1. **Top leg locks**
2. **Bottom leg locks**
3. **Rubber feet**
4. **Pan handle**
5. **Leveling ball / Locking handle**
6. **Leg clips**
7. **Mid-level spreader**

Also Included: Carrying case, Hex keys



8 **Camera registration pin**

9 **Camera mounting screw**

10 **Quick-release plate lock**

11 **Quick-release safety latch**

12 **Tilt lock**

13 **1/4-20 accessory socket**

14 **Rubber stopper**

15 **Pan handle locking knob**

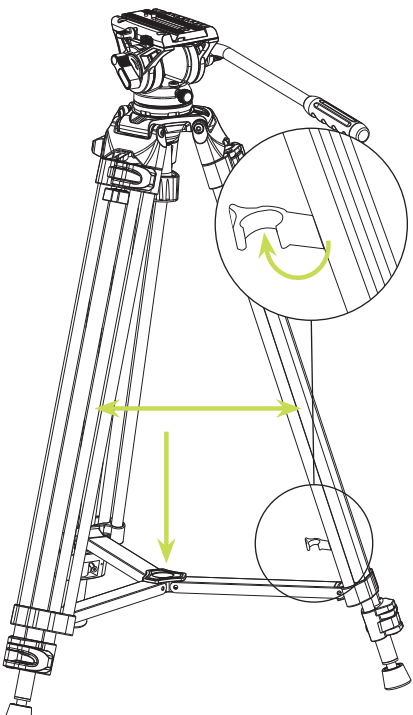
16 **3/8-16 and 1/4-20 storage sockets**

17 **M4 hex key storage**

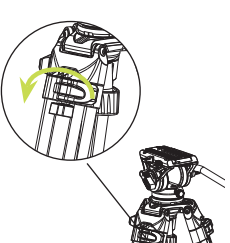
18 **Pan lock**

Opening the Tripod

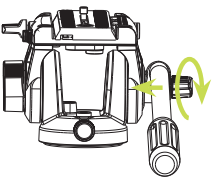
1. Unlock the three leg clips.
2. Open the legs and press down on the mid-level spreader until fully extended.



3. Start with the top leg locks. Flip them up to unlock and extend each leg. Relock each leg by flipping the leg lock down. For more height, repeat these steps with the bottom leg locks.

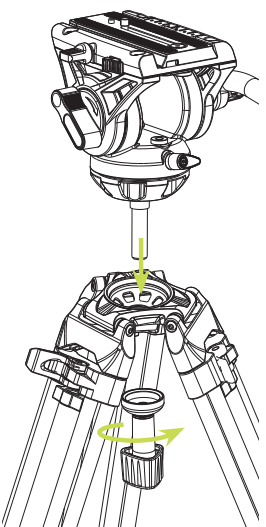


Attaching the Pan Handle



1. Insert the handle's threaded screw into the rosette socket and twist clockwise until secure.
2. Adjust the handle's angle by loosening the locking knob, repositioning the handle, and tightening the knob until secure.

Attaching and Leveling the Head

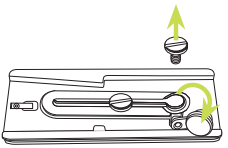


1. Place the head and leveling ball into the tripod.
2. Tighten the leveling ball locking handle until secure.
3. To align the head horizontally, loosen the leveling ball locking handle, and use the bubble level to adjust the position of the head.
4. Twist the locking handle counterclockwise to tighten.

Using the Quick-Release Plate

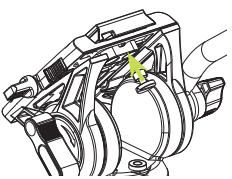
Use the included 1/4-20 or 3/8-16 screw to attach the camera to the quick release plate.

To remove the screw from the QR plate's slot, remove the rubber stopper. Slide the screw out, or slide the new screw in, and replace the rubber stopper.



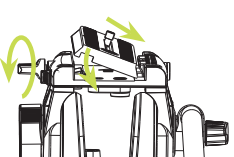
Store the unused screw in the storage sockets on the underside of the head.

For some cameras, make sure the mounting screw is positioned so the registration pin fits into camera's guide hole.



Attaching the Quick-Release Plate

1. Loosen the quick-release plate lock and position the plate so the side of the stored hex key is facing the pan handle.

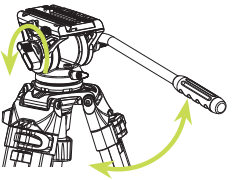


2. Place the plate's right edge into the clamp and press the left side into the clamp. Once the plate lock engages, tighten the quick-release plate's locking knob until the plate is secure.

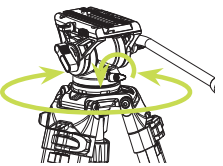
3. To remove the plate from the head, loosen the quick-release plate lock and slide the safety latch forward. Lift the quick-release plate out of the clamp.

Operating the Two-Way Fluid Head

Tilt: Loosen the tilt lock and adjust the tilt angle with the pan handle. Fully tighten the tilt lock to secure the angle. **Important!** Always support the camera with one hand when loosening the tilt lock.



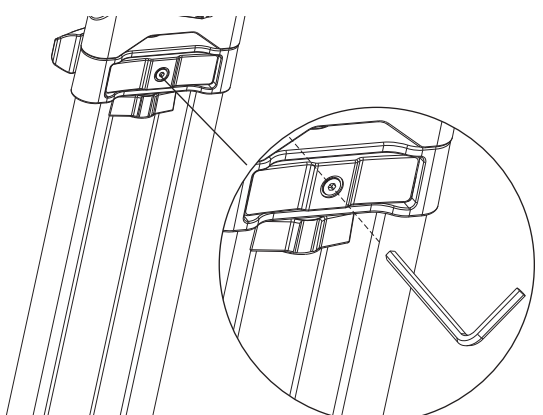
Pan: Loosen the pan lock and use the pan handle to rotate the camera. Fully tighten the pan lock to secure the position.



Tripod Maintenance

The flip locks should require a firm touch to open and close.

If the locks are too easy or difficult to operate, use the included hex key to tighten or loosen the screw and modify flip-lock tension.



One-Year Limited Warranty

This Magnus product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Magnus Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Magnus along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.magnustripods.com or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group. www.gradusgroup.com

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