



**MAGNUS
REX**

FBVH-500

Flat Base Video Head



Owner's
Manual

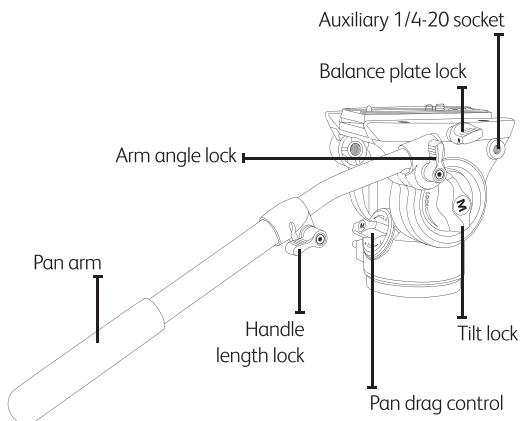
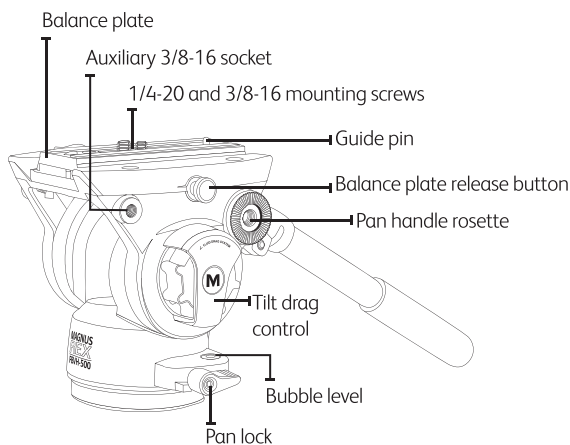
Thank you for choosing Magnus.

The Magnus REX FBVH-500 is a full-featured tripod video head with a flat base, which turns any photo tripod into a platform for performing professional cinematic moves with a camcorder or DSLR. The advanced fluid pan and drag adjustment controls and a spring-loaded counterbalance system give videographers the ability to execute smooth and even pan and tilt shots. A slide-in balance plate with a snap-in feature delivers speedy balance and easy camera mounting and swapping.

Precautions

- Please read and follow these instructions, and keep this manual in a safe place.
- Never set up or dismount a head while a camera is mounted.
- Do not exceed the head's maximum weight capacity.
- The camera should be securely fastened to the quick-release mounting plate before mounting onto the head.
- Do not lift or move your tripod by the head.
- Safe operation of the head is the user's responsibility.
- All images are for illustrative purposes only.

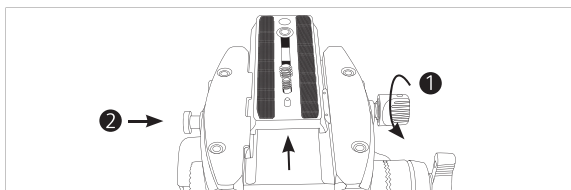
Overview



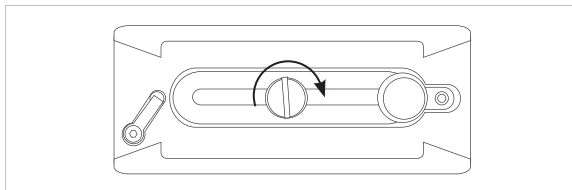
Operating the FBVH-500

Attaching and Balancing a Camera

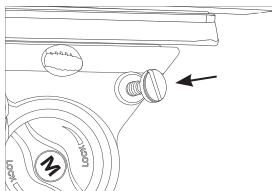
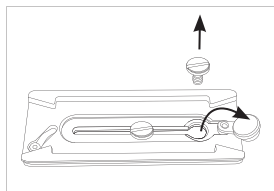
Remove the balance plate by loosening the balance plate lock **1**, and then pressing the balance plate release button **2** and sliding the plate out of the clamp.



Align the camera's guide hole with the plate's guide pin, and attach the plate with the 1/4-20 or 3/8-16 mounting screw. If the camera doesn't have a guide hole, the guide pin retracts so the camera will sit flush against the plate.

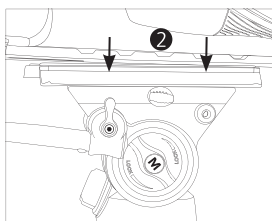
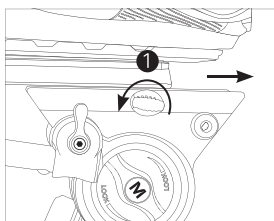


Note: Remove the screw you're not using from the plate by unplugging the rubber stopper and sliding the screw out through the hole. Screw it into one of the auxiliary sockets for safekeeping.

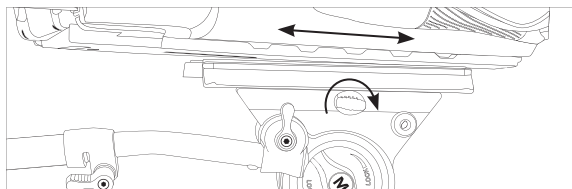


Once the camera is attached, loosen the balance plate lock **1** by a half turn and slide the plate into the clamp until the plate release clicks.

Snap-in Feature: Loosen the balance plate lock by a half turn and seat the edge of the balance plate against the side of the clamp with the release button. Press down the other side of the plate until it snaps into the clamp. **2**



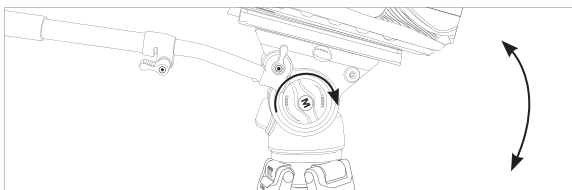
Find the proper balance for your camera by sliding the plate forward and back in the clamp, and then tighten the balance plate lock until secure.



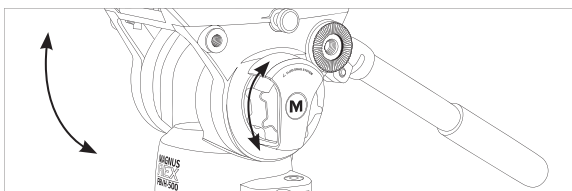
Tilt Controls

The FBVH-500 has a fixed spring-loaded counterbalance which returns the head to a horizontal position when the handle is released. The more you increase the tilt drag, the slower the head will return to vertical.

Use the tilt lock to tighten or loosen the tilting action.



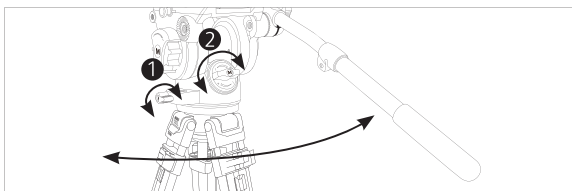
Use the tilt drag control to increase or decrease the tension.



Pan Controls

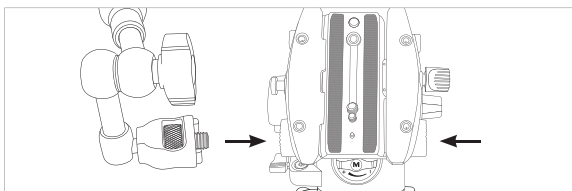
Turn the pan lock ❶ a half-turn to lock or unlock the panning motion.

Turn the pan drag control ❷ to increase or decrease the tension.



Extra Mounts

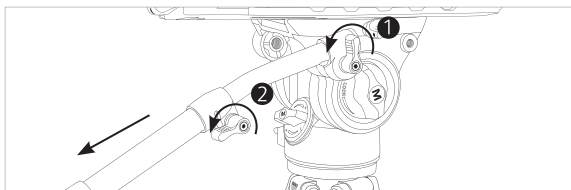
The FBVH-500 is designed with auxiliary 1/4-20 and 3/8-16 threaded mounting holes on opposite sides. Use them to attach accessories like articulating arms or a double-ended spigot.



Adjusting the Handle

Adjust the angle of the handle by loosening the arm angle lock. ❶

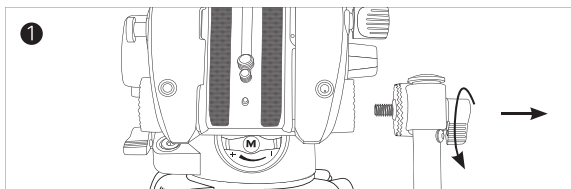
Adjust the length of the arm by loosening the handle length lock. ❷



Reversing the Handle

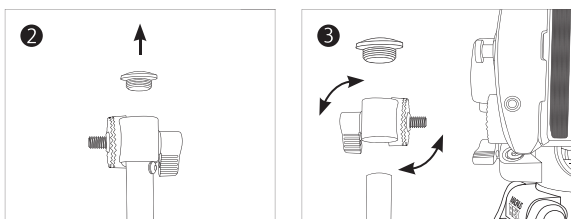
The FBVH-500 is equipped with rosettes on both sides of the head. The handle is preinstalled on the right side of the head. To move the handle to the left side, follow these steps

1. Unscrew the arm angle lock, and remove the handle from the head

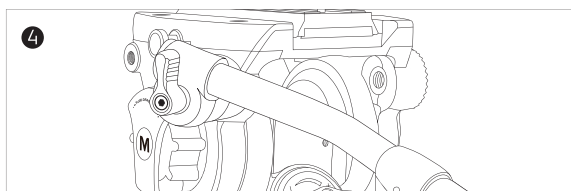


2. Use a flat screwdriver or a coin to unscrew the end cap.

3. Reverse the orientation for the rosette and screw.



4. Replace the end cap, and use the arm angle lock to screw the handle into the socket. When it's properly attached, the screw and rosette should sit below the handle.



Specifications

Load Capacity: 15 lb. (6.8 kg)

Base Mount: 3/8-16 female
Flat base

Height: 5.5 in. (14 cm)

Weight: 3.9 in. (1.8 kg)

Base Diameter: 3.2 in. (81 mm)

Counterbalance System: Spring loaded

Balance Plate: 4.7 × 2 × 0.5 in. (12 × 5.1 × 1.3 cm)

Balance Plate Sliding Range: 3.25 in. (8.2 cm)

Quick-Release Safety: Yes

Camera Mounting Screw: 1/4-20, 3/8-16

Tilt Drag: Adjustable, fluid

Tilt Range: 170°

Tilt Lock: Yes

Pan Drag: Adjustable, fluid

Pan Range: 360°

Pan Lock: Yes

Pan-Arm Rosettes: 2 (left and right)

Leveling Bubble: Yes

Pan Arm Length: 13.5 to 22 in. (34.3 to 55.9 cm)

Contents

- FBVH-500 head
- Pan arm
- Balance plate
- 1/4-20 camera screw
- 3/8-16 camera screw

Five-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 five (5) years 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.



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www.magnustripods.com

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