

Fotopro MH-2A

Fotopro MH-2A Fluid Head Instruction Manual

Model: MH-2A

Brand: Fotopro

1. INTRODUCTION

The Fotopro MH-2A Fluid Head is a compact and portable video head designed for stable and precise camera movements. It features a fluid damping system for smooth panning and tilting, a quick release plate for easy camera attachment, and an adjustable handle for versatile operation. This manual provides detailed instructions for the proper setup, operation, and maintenance of your MH-2A Fluid Head.

Professional video shooting

MH-2A Mini video head

Only 0.29kg, Mini size & Easy to carry

0.29kg



The MH-2A Fluid Head weighs only 0.29kg (approximately 0.64 lbs), making it highly portable for professional video shooting.

2. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts of the Fotopro MH-2A Fluid Head before operation.

Display

MH-2A Mini video head



This diagram illustrates the key components of the MH-2A Fluid Head.

- **1/4" Universal Screw:** Located on the quick release plate for attaching cameras.
- **Screw of Quick Release Plate:** Used to secure the quick release plate to the camera. Can be tightened with a hand, coin, or Allen wrench.
- **Knob of Horizontal:** Controls the 360-degree panning movement of the fluid head.
- **Knob of Pitch:** Controls the vertical tilt movement (+90°/-55°) of the fluid head.
- **Universal 3/8" and 1/4" Interface:** The base of the fluid head features a 3/8" thread, which can be converted to 1/4" by removing an internal screw, allowing compatibility with various tripods and monopods.
- **Adjustable Handle:** Provides ergonomic control for panning and tilting. Can be positioned for right or left-hand use.

3. SETUP

3.1 Attaching the Fluid Head to a Tripod

1. Ensure your tripod has a compatible mounting screw (either 1/4" or 3/8").
2. Align the base of the MH-2A Fluid Head with the tripod's mounting screw.

3. Rotate the fluid head clockwise until it is securely fastened to the tripod. Do not overtighten.

3.2 Attaching Your Camera

1. Locate the quick release plate on top of the fluid head.
2. Press the safety lock button and slide the quick release plate off the head.
3. Attach the quick release plate to the bottom of your camera using the 1/4" universal screw. Ensure it is tightened securely. The quick release plate has a higher thickness for improved contact and anti-skid protection.
4. Slide the camera with the attached quick release plate back onto the fluid head until it clicks into place. Verify the safety lock engages to prevent accidental detachment.

3.3 Adjusting the Handle

The handle can be adjusted for comfortable use by either the right or left hand. Loosen the handle locking knob, reposition the handle to your desired angle, and then tighten the knob securely. The handle features an anti-slip grip for enhanced control.



The MH-2A Fluid Head allows for 360-degree horizontal rotation and +90/-55 degree vertical tilt.

4. OPERATING INSTRUCTIONS

4.1 Panning (Horizontal Movement)

To pan the camera horizontally, loosen the 'Knob of Horizontal' slightly. Use the adjustable handle to smoothly rotate the camera 360 degrees. Tighten the knob to lock the position.

4.2 Tilting (Vertical Movement)

To tilt the camera vertically, loosen the 'Knob of Pitch' slightly. Use the adjustable handle to tilt the camera between +90 degrees and -55 degrees. Tighten the knob to lock the position.

4.3 Panoramic Shooting

The fluid head features a laser scale on its base for precise panoramic shooting. Loosen the horizontal knob and use the scale markings to achieve accurate, repeatable rotational steps for your panoramic sequences. The fluid damping ensures smooth movement.

Panoramic shot

MH-2A Mini video head

Laser scale for easy panorama shooting



Laser engraving
not easy to lose color

Utilize the laser scale for precise 360-degree panoramic shots.

4.4 Safety Lock

Always ensure the quick release plate's safety lock is engaged after attaching your camera. This prevents accidental dislodgement of your equipment.

5. MAINTENANCE

5.1 Cleaning

Wipe the fluid head with a soft, dry cloth after each use to remove dust and dirt. For stubborn grime, use a slightly damp cloth and then dry thoroughly. Avoid using harsh chemicals or abrasive materials.

5.2 Checking Screws and Connections

Periodically check all screws and connections for tightness. The MH-2A Fluid Head includes a hidden Allen wrench for convenient adjustments. Ensure the quick release plate screw and handle locking knob are secure to maintain stability.



The hidden Allen wrench is magnetically fixed for easy access to tighten screws.

5.3 Storage

Store the fluid head in a clean, dry place away from extreme temperatures and humidity. If storing for an

extended period, consider placing it in a protective bag.

6. TROUBLESHOOTING

- Issue: Fluid head movement is not smooth.**
Solution: Ensure all locking knobs (horizontal and pitch) are sufficiently loosened for movement. Check for any debris that might be obstructing the mechanism.
- Issue: Camera feels loose on the fluid head.**
Solution: Verify that the quick release plate is securely attached to your camera and that the plate is fully engaged and locked into the fluid head. Ensure the safety lock mechanism is active.
- Issue: Fluid head is unstable on the tripod.**
Solution: Confirm that the fluid head is tightly screwed onto the tripod's mounting plate. Check the tripod's stability and leg locks.

7. SPECIFICATIONS

Feature	Specification
Model Number	MH-2A
Item Weight	0.29 kg (10.2 ounces)
Maximum Load Capacity	Up to 3 kg (6.6 lbs)
Horizontal Pan Range	360 degrees
Vertical Tilt Range	+90 degrees / -55 degrees
Quick Release Plate Screw	1/4 inch
Base Interface	3/8 inch (convertible to 1/4 inch)
Package Dimensions	9.53 x 3.23 x 3.03 inches
Compatible Devices	DSLR, Mirrorless Cameras, Pocket Cinema Cameras, etc.

8. WARRANTY INFORMATION

Fotopro products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Fotopro website. Keep your purchase receipt as proof of purchase for any warranty claims.

9. SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Fotopro customer support. You can find contact information on the official Fotopro website ([Fotopro Store](#)) or through your retailer.

