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> [Moman Universal Ball Head for Camera Tripods Instruction Manual](#)

## Moman XVIEWM4

# Moman Universal Ball Head for Camera Tripods

Model: XVIEWM4

## PRODUCT OVERVIEW

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The Moman Universal Ball Head is designed for photographers and videographers seeking a versatile and robust camera support solution. Constructed from CNC aluminum alloy, it offers a maximum load capacity of 10kg, making it suitable for various DSLR cameras, camcorders, and accessories. Key features include 360-degree panning, a ball lock with tension adjustment, and an Arca-Swiss quick release plate for efficient setup and adjustment.

## KEY FEATURES

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- **360-Degree Swivel:** Allows for precise camera alignment with 360° panning, ball lock, and tension adjustment. The tension dial is integrated into the ball-lock knob for smooth angle adjustments.
- **Solid Construction:** Made from CNC aluminum alloy with an anodic oxidation coating, ensuring durability, rust resistance, and preventing paint peeling.
- **Strong Loading Capacity:** Supports up to 10kg (22 lbs) of gear and lenses up to 200mm, accommodating professional DSLRs with long lenses and attached accessories.
- **Quick Release System:** Features an Arca-Swiss quick release plate with a secondary release button for fast and easy leveling in both vertical and horizontal orientations.
- **Universal Compatibility:** Equipped with a 3/8" screw thread hole on the base for tripods and monopods, and a 1/4" screw for most DSLR cameras.

# 360° Rotation & Panoramic Shot



Max Load Capacity  
**10kg/22lb**



**360° Adjustment**  
Ball-lock knob to adjust  
the tripodhead's angle



**Locking Knob**

360°panoramic photography

**Locking Knob**

**Panoramic Movement**

Image: The Moman ball head illustrating its 360-degree rotation, maximum load capacity of 10kg, and the function of the locking knob for precise adjustments.

**1. Attach to Tripod/Monopod:**

Locate the 3/8" screw thread hole at the base of the ball head. Screw the ball head onto the 3/8" mounting screw of your tripod or monopod. Ensure it is securely tightened.



Image: Step-by-step visual guide demonstrating how to attach the Moman ball head to a tripod and then mount a camera onto the ball head.

**2. Attach Quick Release Plate to Camera:**

The ball head comes with an Arca-Swiss compatible quick release plate. Attach this plate to the 1/4" screw thread on the base of your camera, camcorder, or other compatible device. Tighten the screw firmly using a coin or screwdriver if necessary.



Image: Close-up of the Moman quick release plate, highlighting its Arca-Swiss standard design, integrated bubble level, rubber pads, and 1/4" mounting screw.

### 3. Mount Camera to Ball Head:

Open the quick-shoe knob on the ball head to release the clamp. Slide the quick release plate (with your camera attached) into the clamp. Ensure it is fully seated, then tighten the quick-shoe knob to secure the camera. The secondary release button provides added safety.

## OPERATING INSTRUCTIONS

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### Adjusting Camera Angle (Ball Lock)

The main ball-lock knob controls the movement of the ball joint. Loosen this knob to freely adjust the camera's tilt and swivel. Once the desired angle is achieved, tighten the knob firmly to lock the camera in position. The integrated tension dial allows you to adjust the friction for smoother or stiffer movements.

### Panoramic Panning

For horizontal panoramic shots, use the separate panoramic locking knob located at the base of the ball head. Loosen this knob to rotate the camera horizontally 360 degrees without affecting the tilt. Tighten the knob to lock the panoramic movement. The degree markings on the base assist with precise panoramic stitching.

### Using the Bubble Level

The integrated bubble level on the quick release plate helps ensure your camera is perfectly level for straight horizons and accurate compositions. Adjust the ball head until the bubble is centered within the indicator lines.

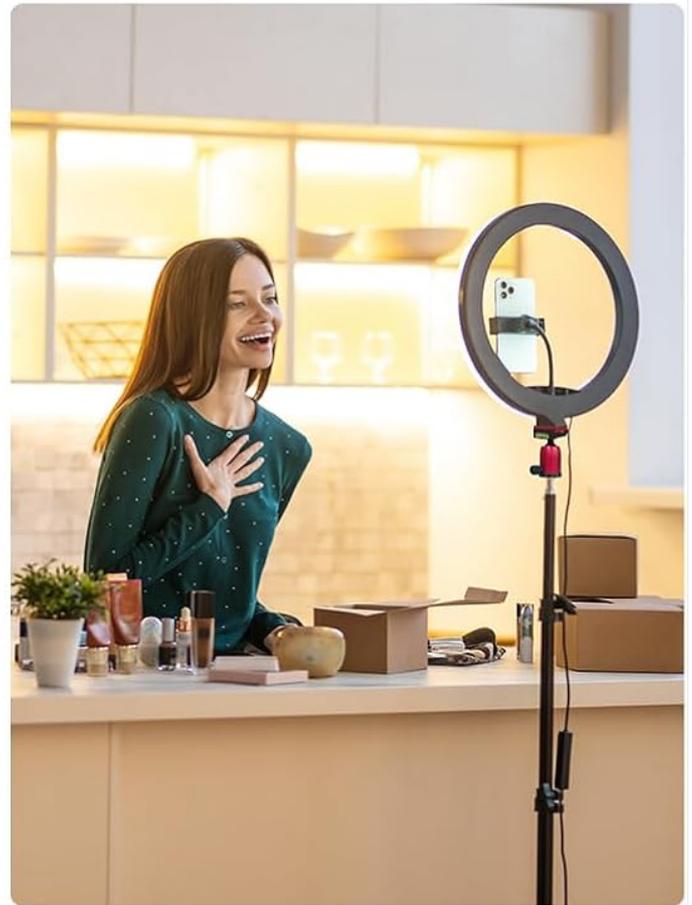


Image: Examples of the Moman ball head being used in different photography and videography scenarios, demonstrating its versatility.

## COMPATIBILITY

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The Moman Universal Ball Head is compatible with a wide range of photographic and videographic equipment due to its standard mounting options.

- **Cameras:** DSLR cameras, mirrorless cameras, camcorders.
- **Accessories:** Monitors, video lights, phone holders (with appropriate adapters).
- **Mounting:** Compatible with tripods and monopods featuring a 3/8" mounting screw.

1/4" Screw



DSLR CAMERA



CAMCORDER



MONITOR



VIDEO LIGHT



PHONE HOLDER



3/8" Screw



TRIPOD



MONOPOD

Image: Visual representation of the Moman ball head's compatibility with devices such as DSLR cameras, camcorders, monitors, video lights, and phone holders, as well as tripods and monopods.

## MAINTENANCE

- **Cleaning:** Wipe the ball head with a soft, dry cloth after each use to remove dust and debris. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** The ball mechanism is designed for smooth operation and generally does not require lubrication. If movement becomes stiff, consult professional service.
- **Storage:** Store the ball head in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws and knobs to ensure they are tight. Do not overtighten.

## TROUBLESHOOTING

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**Problem: Camera is not stable or slips.**

**Solution:** Ensure the quick release plate is securely attached to your camera and the quick-shoe knob on the ball head is fully tightened. Verify that the ball-lock knob is also tightened to prevent unwanted movement of the ball joint.

**Problem: Ball head movement is too stiff or too loose.**

**Solution:** Adjust the tension dial integrated with the main ball-lock knob. Turn it clockwise to increase friction (stiffer) or counter-clockwise to decrease friction (looser) until the desired feel is achieved.

**Problem: Panoramic rotation is not smooth.**

**Solution:** Ensure the panoramic locking knob at the base is sufficiently loosened. Clean any debris from the rotating base if necessary.

## SPECIFICATIONS

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Feature	Detail
Model Number	XVIEWM4
Material	CNC Aluminum Alloy
Max Load Capacity	10 kg (22 lbs)
Item Weight	12.6 ounces (approx. 357g)
Ball Head Height	90 mm (3.54 inches)
Sphere Diameter	30 mm (1.18 inches)
Quick Release Plate	Arca-Swiss Standard (50 x 38 mm)
Mounting Screw (Top)	1/4"
Mounting Thread (Base)	3/8"
Special Feature	360° Rotatable, Built-in Bubble Level

MODEL NO.  
**B-10**

Diameter  
**30mm**

Height  
**90mm**

Weight  
**283g**

Max Load  
**10kg**

Quick Shoe  
**50 x 38mm**



MODEL NO.  
**B-10**

Material:  
**Aluminum alloy**

Max. Load Capacity:  
**10kg**

Sphere Diameter:  
**1.4in**

Ball Head Height:  
**4.1in**

Quick Release Plate Size:  
**2.4\*1.5in**

Image: Detailed product parameters and dimensions for the Moman ball head, including model number, material, weight, and load capacity.

[OFFICIAL PRODUCT VIDEO](#)

Your browser does not support the video tag.

Video: An official product video from Moman\_PhotoGears demonstrating the features and usage of the Moman Camera Tripod Head Universal Ball Head. This video provides a visual guide to its functionality and design.

## WARRANTY AND SUPPORT

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Moman products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty details, technical support, or service inquiries, please refer to the official Moman website or contact their customer service directly. Please retain your proof of purchase for warranty claims.

For further assistance, visit the [Moman Store on Amazon](#).

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This manual is for informational purposes only. Product specifications are subject to change without notice.