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Manfrotto 229

Manfrotto 3D Super Pro 3-Way Head (Model 229) Instruction Manual

Your comprehensive guide to setting up, operating, and maintaining your Manfrotto 229 Tripod Head.

1. Introduction

The Manfrotto 3D Super Pro 3-Way Head (Model 229) is engineered for precise camera positioning, offering smooth and reliable action. It features three built-in spirit levels for accurate horizontal and vertical alignment, ensuring your shots are perfectly level. The head includes a quick release camera plate with a secondary safety catch for secure camera attachment. It is compatible with cameras using 1/4" and 3/8" screws.



Figure 1: The Manfrotto 3D Super Pro 3-Way Head (Model 229) showing its robust construction and control handles.

2. Setup

2.1 Attaching the Head to a Tripod

1. Ensure your tripod is stable and capable of supporting the weight of the head and your camera equipment.
2. Locate the mounting screw on your tripod's center column or base plate.
3. Align the base of the Manfrotto 229 head with the tripod's mounting screw.
4. Rotate the head clockwise until it is securely fastened to the tripod. Do not overtighten.

2.2 Attaching Your Camera

1. Identify the quick release plate on the Manfrotto 229 head.
2. Press the safety catch and slide the quick release plate off the head.

3. Attach the quick release plate to the base of your camera. The head supports both 1/4" and 3/8" camera screws. Ensure the plate is firmly secured to your camera.
4. Align the camera (with the attached quick release plate) with the receiver on the tripod head.
5. Slide the plate into the receiver until it clicks into place. Verify the secondary safety catch is engaged to prevent accidental release.

3. Operating Instructions

The Manfrotto 229 offers three independent axes of movement for precise camera positioning.

- **Pan Axis:** Controlled by the longest handle, this allows for horizontal rotation of the camera. Loosen the handle to adjust, then tighten to lock the position.
- **Frontal Tilt Axis:** Controlled by one of the shorter handles, this allows for vertical tilting (up and down) of the camera. Loosen the handle to adjust, then tighten to lock.
- **Lateral Tilt Axis:** Controlled by the other shorter handle, this allows for side-to-side tilting of the camera. Loosen the handle to adjust, then tighten to lock.
- **Spirit Levels:** Utilize the three built-in spirit levels to achieve perfectly level horizons and vertical lines in your compositions. Adjust the respective axes until the bubbles are centered.

Always ensure all handles are securely tightened once your desired camera position is achieved to prevent movement and ensure stability.

4. Maintenance

- **Cleaning:** Wipe the head with a soft, dry cloth after each use to remove dust and dirt. For stubborn grime, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** The finely machined parts are designed for smooth operation. Avoid applying external lubricants unless specifically instructed by Manfrotto support, as this can attract dust and degrade performance.
- **Inspection:** Periodically check all screws and fasteners to ensure they are tight. Do not overtighten. Inspect the quick release plate and its mechanism for any signs of wear or damage.
- **Storage:** Store the tripod head in a clean, dry environment, away from extreme temperatures and humidity.

5. Troubleshooting

- **Movement feels stiff or sticky:**

  Ensure no dirt or debris is obstructing the moving parts. Clean the head as described in the Maintenance section. If stiffness persists, contact Manfrotto customer support.

- **Camera not securely attached:**

  Verify that the quick release plate is correctly attached to your camera and fully inserted into the head's receiver until the safety catch engages. Ensure the plate's screw is tight on the camera.

- **Handles are loose or detached:**

  Re-thread any loose handles. Be aware that the longest handle may contain a spring mechanism; ensure it is properly seated when reattaching to prevent loss.

- **Spirit levels are inaccurate:**

  While rare, if you suspect the spirit levels are inaccurate, cross-reference with a known level surface. If they are consistently off, contact Manfrotto support.

6. Specifications

Feature	Detail
Brand	Manfrotto
Model Name	3D Super Pro 3-Way Head
Model Number	229
Item Weight	4.2 pounds (1.9 kg)
Product Dimensions	15"W x 15"H (approximate, as per product data)
Maximum Weight Recommendation	12 kg (26.4 lbs)
Camera Attachment	1/4" + 3/8" screw
Built-in Levels	3 spirit levels
Quick Release Plate	Yes, with secondary safety catch
Country of Origin	Italy

7. Warranty Information

Please note that specific warranty eligibility may vary based on purchase location and retailer. According to some user reports, this particular item (Model 229) may not qualify for Manfrotto's extended 10-year warranty if purchased from certain channels, as the product packaging might lack the necessary QR code for registration.
It is highly recommended to verify the warranty terms and conditions with your retailer at the time of purchase or directly with Manfrotto's official customer support. Retain your proof of purchase for any warranty claims.

8. Customer Support

For further assistance, technical support, or inquiries regarding your Manfrotto 3D Super Pro 3-Way Head (Model 229), please visit the official Manfrotto website or contact their customer service department. You can often find contact information and FAQs on their website:

- **Manfrotto Official Website:** www.manfrotto.com
- Refer to the product packaging or the official website for region-specific contact details.

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