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**K&F CONCEPT 28mm Ball Head**

# K&F Concept Professional 28mm Tripod Ball Head User Manual

Model: 28mm Ball Head | Brand: K&F CONCEPT

## 1. Introduction and Overview

Thank you for choosing the K&F Concept Professional 28mm Tripod Ball Head. This manual provides essential information for the proper setup, operation, and maintenance of your new equipment. Designed for photographers and videographers, this ball head offers robust support and flexible positioning for various camera setups.




*Figure 1: K&F Concept 28mm Tripod Ball Head with Quick Release Plate.*

## 2. Product Features

- **Durable Construction:** Made of metal with solid construction for durability and toughness.
- **360-Degree Panoramic Base:** Features 2 twist locks for easy 360-degree rotation, allowing precise panoramic adjustments.
- **Quick Release Plate:** Includes a 1/4 inch quick shoe plate suitable for DSLR cameras and camcorders.
- **Versatile Mounting:** Equipped with a 3/8 inch screw thread hole for connecting to tripods, monopods, sliders, and other stands.
- **Integrated Bubble Level:** Helps ensure your camera is perfectly level for accurate shots.
- **High Load Capacity:** Supports equipment up to 10 kg (22.0 lbs).

## 3. Setup Instructions

### 3.1 Attaching the Quick Release Plate to Your Camera

1. Locate the 1/4 inch screw on the quick release plate.
2. Align the screw with the tripod mount thread on the bottom of your camera or camcorder.

3. Tighten the screw securely using the screw handle or an appropriate tool until the plate is firmly attached to your camera. Ensure the anti-slip rubber pads are correctly positioned.




*Figure 2: Quick Release Plate with 1/4 inch screw and safety bolt.*

## 3.2 Mounting the Ball Head to a Tripod/Monopod

1. Identify the 3/8 inch screw thread hole at the base of the ball head.
2. If your tripod has a 1/4 inch screw, use the provided 3/8 inch to 1/4 inch tripod convert adapter.
3. Screw the ball head onto the tripod or monopod's mounting screw until it is stable and secure.




*Figure 3: Tripod convert adapter for 3/8 inch to 1/4 inch screws.*

### 3.3 Attaching Your Camera to the Ball Head

1. Ensure the quick release clamp on the ball head is open.
2. Slide the quick release plate (attached to your camera) into the clamp on the ball head.
3. Close the quick release clamp firmly to secure your camera. Always double-check that the camera is locked in place before releasing your grip.

## 4. Operating Instructions

### 4.1 Adjusting Camera Position

The K&F Concept 28mm Ball Head allows for versatile camera positioning:

- **Ball Adjustment:** Loosen the main locking knob to freely move the ball head, allowing for tilt and swivel adjustments. Tighten the knob to lock the camera in your desired position.
- **Panoramic Rotation:** Use the panoramic base with its dedicated twist locks to rotate the camera 360 degrees horizontally. This is ideal for panoramic photography.




*Figure 4: Demonstrating 360-degree panoramic shooting.*

### 4.2 Using the Bubble Level

The integrated bubble level helps you achieve a perfectly horizontal setup. Adjust your tripod legs or the ball head until the bubble is centered within the indicator for a level shot.

## 5. Maintenance

To ensure the longevity and optimal performance of your K&F Concept Tripod Ball Head, follow these maintenance guidelines:

- **Cleaning:** Wipe the ball head with a soft, dry cloth after each use to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Lubrication:** The internal ball mechanism is pre-lubricated. Do not attempt to disassemble or lubricate it yourself, as this may void the warranty and affect performance.
- **Storage:** Store the ball head in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all knobs and screws for tightness. Ensure the quick release plate mechanism operates smoothly.

## 6. Troubleshooting

- **Camera Drooping/Slipping:**
  - Ensure all locking knobs are fully tightened.
  - Verify that the quick release plate is securely attached to both the camera and the ball head.
  - Check the weight of your camera and lens setup. The maximum load capacity for this ball head is 10 kg (22.0 lbs). Exceeding this limit can lead to instability and potential damage.
- **Stiff Movement:** If the ball head movement feels stiff, ensure all locking knobs are sufficiently loosened. Do not force movement.
- **Bubble Level Inaccuracy:** If the bubble level appears inaccurate, ensure the ball head is mounted on a flat, stable surface. If issues persist, contact customer support.

## 7. Specifications

| Feature | Specification |
|---|---|
| Product Dimensions | 3.15 x 3.15 x 2.36 inches (2.3"D x 3.2"W x 3.1"H) |
| Item Weight | 9.1 ounces (258 Grams) |
| Ball Diameter | 28mm (1.1 inches) |
| Max Load Capacity | 10 kg (22.0 lbs) |
| Material | Metal (All aluminum magnesium alloy with forged technology) |
| Quick Release Plate | 1/4 inch screw |
| Base Mount | 3/8 inch screw thread hole |
| Panoramic Rotation | 360 degrees |




*Figure 5: Visual representation of product dimensions and specifications.*

## 8. Warranty and Support

K&F Concept products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your product, please refer to the official K&F Concept website or contact their customer service directly. Please retain your proof of purchase for warranty claims.

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