K&F CONCEPT KF31.044V1

K&F CONCEPT 36mm Metal Tripod Ball Head BH-36L Instruction Manual

Model: KF31.044V1

1. Product Overview

The K&F CONCEPT 36mm Metal Tripod Ball Head BH-36L is a robust and versatile accessory designed for photographers and videographers. Constructed from high-quality aluminum alloy, it offers strong stability and smooth operation for various camera setups. Its features include a 360-degree rotating panoramic base, a quick release plate, and an integrated bubble level for precise adjustments.



Figure 1: K&F CONCEPT 36mm Metal Tripod Ball Head BH-36L

2. Package Contents

- 1 x K&F CONCEPT 36mm Metal Tripod Ball Head BH-36L
- 1 x Quick Release Plate

3. Setup Instructions

3.1 Attaching the Ball Head to a Tripod or Monopod

1. Locate the 3/8 inch screw thread hole at the base of the ball head.
2. Align this thread with the mounting screw on your tripod, monopod, or slider.
3. Rotate the ball head clockwise until it is securely fastened. Ensure it is tightened sufficiently to prevent wobbling.

3.2 Attaching Your Camera

1. Ensure the quick release plate is detached from the ball head. If attached, loosen the Quick-Shoe Knob and slide the plate out.
2. Locate the 1/4 inch screw on the quick release plate.

3. Screw the quick release plate onto the 1/4 inch tripod socket on the bottom of your DSLR camera or camcorder. Tighten securely.
4. Slide the quick release plate with the attached camera back into the clamp on the ball head.
5. Tighten the Quick-Shoe Knob firmly to secure the camera in place.



Figure 2: Ball Head Dimensions and Compatibility

4. Operating Instructions

4.1 Adjusting Camera Angle and Position

1. **Ball Head Locking:** To adjust the tilt and swivel of your camera, loosen the main Locking Knob. This allows the ball to move freely within its socket.
2. Position your camera to the desired angle.
3. Tighten the Locking Knob firmly to secure the camera in its new position. Ensure it is fully tightened to prevent movement, especially with heavier equipment.

4.2 Panoramic Rotation

1. To rotate the camera horizontally for panoramic shots, loosen the 360° Panning Knob located at the base of the ball head.
2. Rotate the camera to the desired panoramic position. The base features degree markings for precise alignment.
3. Tighten the 360° Panning Knob to lock the panoramic rotation.



Figure 3: 360° Panoramic Photography

4.3 Using the Bubble Level

- The integrated bubble level helps ensure your camera is perfectly horizontal.
- Adjust the tripod legs or the ball head's tilt until the bubble is centered within the level indicator.



Figure 4: Labeled Parts of the Ball Head

5. Maintenance

- Keep the ball head clean from dust, dirt, and moisture. Use a soft, dry cloth for cleaning.
- Avoid using harsh chemicals or abrasive materials that could damage the finish or moving parts.
- Periodically check all screws and knobs to ensure they are securely tightened. Do not overtighten.
- Store the ball head in a protective bag or case when not in use to prevent scratches and impacts.

6. Troubleshooting

Issue: Ball Head Exhibits Unwanted Movement or 'Play'

If the ball head shows slight movement or 'play' even when knobs are tightened, particularly when supporting heavier camera equipment or long lenses, this can affect stability and precision during shooting.

Potential Solution for Play in Ball Head

Some users have reported success in reducing play by performing the following steps:

1. Carefully remove any stickers or covers on the underside of the ball head that might conceal screws.
2. Locate and unscrew the small screws (typically three) that secure the internal components.
3. Clean the area thoroughly to remove any debris or manufacturing residue.
4. Apply a small amount of threadlocker (e.g., Loctite 242, a medium-strength threadlocker) to the threads of the screws.
5. Reinsert and tighten the screws firmly.
6. Allow the threadlocker to cure for at least 24 hours before using the ball head with heavy equipment.

Note: Performing this modification may void your product warranty. Proceed with caution and at your own risk.

7. Specifications



Figure 5: Key Specifications

Feature	Detail

Feature	Detail
Model Number	KF31.044V1 (BH-36L)
Material	High-quality Aluminum Alloy
Ball Diameter	36mm / 1.41 inches
Max Load Capacity	16 kg / 35.2 lbs
Product Weight	0.326 kg / 0.71 lbs (9.1 ounces)
Height	80mm / 3.14 inches
Quick Release Plate Size	Length: 60mm / 2.36 inches, Width: 38mm / 1.5 inches
Tripod Mounting Thread	3/8 inch
Camera Mounting Screw	1/4 inch
Compatible Devices	DSLR Cameras, Camcorders, Monopods, Sliders

8. Warranty and Support

For warranty information or technical support, please refer to the official K&F CONCEPT website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

© 2023 K&F CONCEPT. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question