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› Benro NOVOFLEX NBBH 2 Series Tripod Ball Head (NBBH2) User Manual

Benro NBBH2

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Model: NBBH2

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Benro NOVOFLEX NBBH 2 Series Tripod Ball Head. Please read this manual thoroughly before operation and retain it for future reference. This ball head is designed for precise camera positioning and stability, suitable for various photographic applications.

WHAT'S IN THE BOX

Carefully unpack your Benro NOVOFLEX NBBH 2 Series Tripod Ball Head and ensure all components are present:

- Benro NOVOFLEX NBBH 2 Series Tripod Ball Head (NBBH2)
- Arca-type Quick Release Plate
- Hex Key / Allen Wrench
- Instruction Manual



Image: All components of the Benro NOVOFLEX NBBH 2 Series Tripod Ball Head, including the ball head, quick release clamp, quick release plate, and hex key.

SETUP

1. Attaching the Ball Head to a Tripod:

Screw the base of the NBBH2 ball head onto the 3/8"-16 mounting screw of your tripod legs. Rotate clockwise until securely tightened. Ensure the ball head is firmly attached to prevent accidental detachment.



Image: A camera mounted on the Benro NOVOFLEX NBBH 2 Series Tripod Ball Head, which is attached to a tripod, demonstrating a typical setup.

2. Attaching the Quick Release Plate to Your Camera:

Locate the 1/4"-20 screw on the Arca-type quick release plate. Align this screw with the tripod socket on the bottom of your camera. Tighten the screw using a coin or the provided hex key until the plate is securely fastened to the camera body. Ensure the plate is oriented correctly and does not obstruct any camera controls or battery compartments.







Image: A close-up view of a camera securely attached to the quick release plate, ready for mounting onto the ball head.

3. Mounting the Camera onto the Ball Head:

Loosen the quick release clamp knob on the ball head. Slide the camera with the attached quick release plate into the clamp. Once positioned, tighten the quick release clamp knob firmly to secure the camera. Always double-check that the camera is locked in place before releasing your grip.



Image: A detailed view of the Arca-type quick release clamp on the ball head, showing the plate inserted and the locking knob.

OPERATING INSTRUCTIONS

The Benro NOVOFLEX NBBH 2 Series Tripod Ball Head features a dual locking system for precise control over ball movement and panoramic rotation.

1. Ball Movement Control

The main locking knob controls the movement of the ball. Loosen this knob to adjust the camera's angle and tilt. Tighten it firmly to lock the camera in the desired position. This allows for smooth, accurate control for various compositions, including landscapes and portraits.



Image: A user's hands are shown adjusting the main locking knob on the Benro NOVOFLEX NBBH 2 Series Tripod Ball Head to control camera angle.

2. Panoramic Rotation

The panoramic base knob, located at the bottom of the ball head, allows for 360-degree rotation. Loosen this knob to rotate the camera horizontally for panoramic shots or precise alignment. Tighten it to lock the panoramic base in place.

3. Friction Adjustment

The NBBH2 is equipped with an adjustable ball tension control. This smaller knob allows you to dial in the exact resistance needed for precise framing. Adjusting the friction prevents the camera from flopping over when the main ball lock is loosened, providing smoother positioning for detailed stills or hybrid content shooting.

MAINTENANCE

- **Cleaning:** Keep the ball head clean and free from dust, dirt, and debris. Use a soft, dry cloth to wipe down the exterior. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying.
- **Lubrication:** The internal mechanisms are factory-lubricated. Do not attempt to disassemble or lubricate the ball head yourself, as this may void the warranty and damage the product.
- **Storage:** Store the ball head in a dry, cool environment, away from extreme temperatures and humidity.
- **Inspection:** Periodically check all knobs and screws for tightness. If any component feels loose, gently tighten it.



Image: A hex key is shown being used to tighten a screw on the quick release clamp, illustrating a common maintenance task.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Ball head does not lock securely.	Main locking knob not tightened sufficiently.	Ensure the main locking knob is fully tightened. Check if the friction adjustment is too loose.
Camera feels loose on the quick release plate.	Quick release plate screw is loose; quick release clamp not fully engaged.	Tighten the 1/4"-20 screw on the quick release plate. Ensure the quick release clamp knob is fully tightened and the plate is seated correctly.
Panoramic base does not rotate smoothly or locks up.	Panoramic base knob is too tight; debris in the rotation mechanism.	Loosen the panoramic base knob. Clean any visible debris from the rotating base.
Ball head feels stiff or difficult to adjust.	Friction adjustment is too tight; cold temperatures.	Loosen the friction adjustment knob. Allow the ball head to warm up in cold conditions.

SPECIFICATIONS

- **Model Number:** NBBH2
- **Brand:** Benro
- **Compatible Devices:** Camera
- **Item Weight:** 0.48 Kilograms (approximately 1.06 lbs)
- **Color:** Black
- **Load Capacity:** Up to 11 lbs (5 kg)
- **Mounting Thread (Base):** 3/8"-16
- **Quick Release Plate:** Arca-type compatible with 1/4"-20 camera screw

Supports up to
11 lbs.



Image: Graphic indicating the Benro NBBH2 model supports a maximum load capacity of up to 11 lbs.

WARRANTY INFORMATION

The Benro NOVOFLEX NBBH 2 Series Tripod Ball Head comes with a standard limited warranty of 3 years from the date of purchase for the original owner. If you register the product online, the warranty is extended by an additional 2 years, for a total of 5 years, in applicable regions. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or to register your product for the extended warranty, please visit the official Benro website:

[Visit the Benro Store on Amazon](#)

You may also refer to the contact information provided on the Benro website for direct customer service.