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› INNOREL GT324C Carbon Fiber Camera Tripod Instruction Manual

INNOREL GT324C

INNOREL GT324C Carbon Fiber Camera Tripod Instruction Manual

Model: GT324C with N44 Ball Head

1. PRODUCT OVERVIEW

The INNOREL GT324C is a professional carbon fiber camera tripod designed for stability and portability. It features a unique special-shaped center column, a low gravity center ball head (N44), and adjustable leg angles, making it suitable for various photography needs, including macro shooting.



SPECIFICATIONS

10x Carbon Fiber

Special-shaped Center Column

Short Center Column for Free

Three adjustable angles

Low Position & Macro Shooting

Low Gravity Center Ballhead



Brand	INNOREL
Model	GT324C+N44
Material	carbon fiber (leg tube) aluminum alloy (body+center column)
Max load	55lb/25kg
Net weight	5.0lb/2.28kg
Max height	70.7in/179.5cm
Folded length	24.4in/62cm
Sections	4
Tube dia.	32.5/29.0/25.6/22.2mm



Image: Overview of the INNOREL GT324C tripod, highlighting its carbon fiber construction, special-shaped center column, and low gravity center ball head. Key specifications like max load, net weight, max height, folded length, sections, and tube diameter are displayed.

2. PACKAGE CONTENTS

Before assembly, please verify that all items listed below are present in your package.

WORKING HEIGHT

- ✓ Three adjustable angles: 8°/36°/66°
- ✓ Low position: 8°-->7.7in/19.5cm
- ✓ Middle position: 36°-->18.9in/48cm
- ✓ High position: 66°-->22.8in/58cm



Image: A visual representation of the package contents. It includes 1 Tripod Bag, 1 Main Body (tripod with ball head attached), 1 Short Center Column, 3 Allen Keys, 3 Stainless Steel Spikes, 1 Extra Quick Release Plate, and 1 Ball Head Bag.

- 1 x Tripod Bag
- 1 x Main Body (GT324C Tripod with N44 Ball Head)
- 1 x Short Center Column
- 3 x Allen Keys
- 3 x Stainless Steel Spikes
- 1 x Extra Quick Release Plate
- 1 x Ball Head Bag

3. SETUP INSTRUCTIONS

3.1 Extending and Adjusting Tripod Legs

1. Unfold the tripod legs from their collapsed position.

2. To extend a leg section, twist the leg lock counter-clockwise to loosen, pull the leg section out to the desired length, then twist clockwise to secure. Repeat for all sections and legs.
3. The legs can be adjusted to three angles: 8°, 36°, and 66°. Press the angle adjustment tab at the top of each leg and move the leg to the desired angle until it clicks into place.



REMOVABLE CENTER COLUMN

It comes with a short column, you can remove the long column and then install the shorter one to get the lowest shooting position.



Image: Illustrates the tripod's working heights at different leg angles (8°, 36°, 66°) and with the center column extended or retracted. It shows how to adjust leg angles and extend leg sections.

3.2 Attaching the Ball Head (N44)

The N44 ball head is typically pre-attached. If it needs to be re-attached or replaced:

1. Ensure the tripod's mounting screw (usually 3/8" or 1/4" with adapter) is clean.
2. Align the ball head's base with the tripod's mounting platform.
3. Screw the ball head onto the tripod clockwise until it is firmly secured. Do not overtighten.

3.3 Changing or Inverting the Center Column

The tripod features a removable center column that can be replaced with a shorter one for low-angle shooting or inverted for macro photography.

To Change to Short Center Column:

1. Loosen the center column lock knob.
2. Press the bottom button on the center column and pull the column upwards to remove it.
3. Install the short center column by inserting it into the tripod's main body and tightening the lock knob.

To Invert the Center Column:

1. Loosen the center column lock knob.
2. Press the bottom button on the center column and pull the column upwards to remove it.
3. Reverse the column and insert it back into the tripod's main body from the bottom.
4. Tighten the lock knob to secure the inverted column.



Image: Step-by-step guide on how to remove the standard center column and install the shorter center column for low-angle shooting.



Image: Demonstrates how to invert the center column for macro photography, showing the camera mounted upside down for close-up shots.

4. OPERATING INSTRUCTIONS

4.1 Mounting Your Camera

1. Ensure the quick release plate is securely attached to your camera's tripod socket.
2. Loosen the quick release plate clamp on the N44 ball head.
3. Slide the quick release plate with your camera into the clamp.
4. Tighten the clamp securely to prevent accidental camera detachment.

4.2 Using the N44 Low Profile Ball Head

The N44 ball head offers precise control over camera positioning.



LOW PROFILE BALLHEAD

The gravity center of N44 is lower 0.59in/15mm than normal.

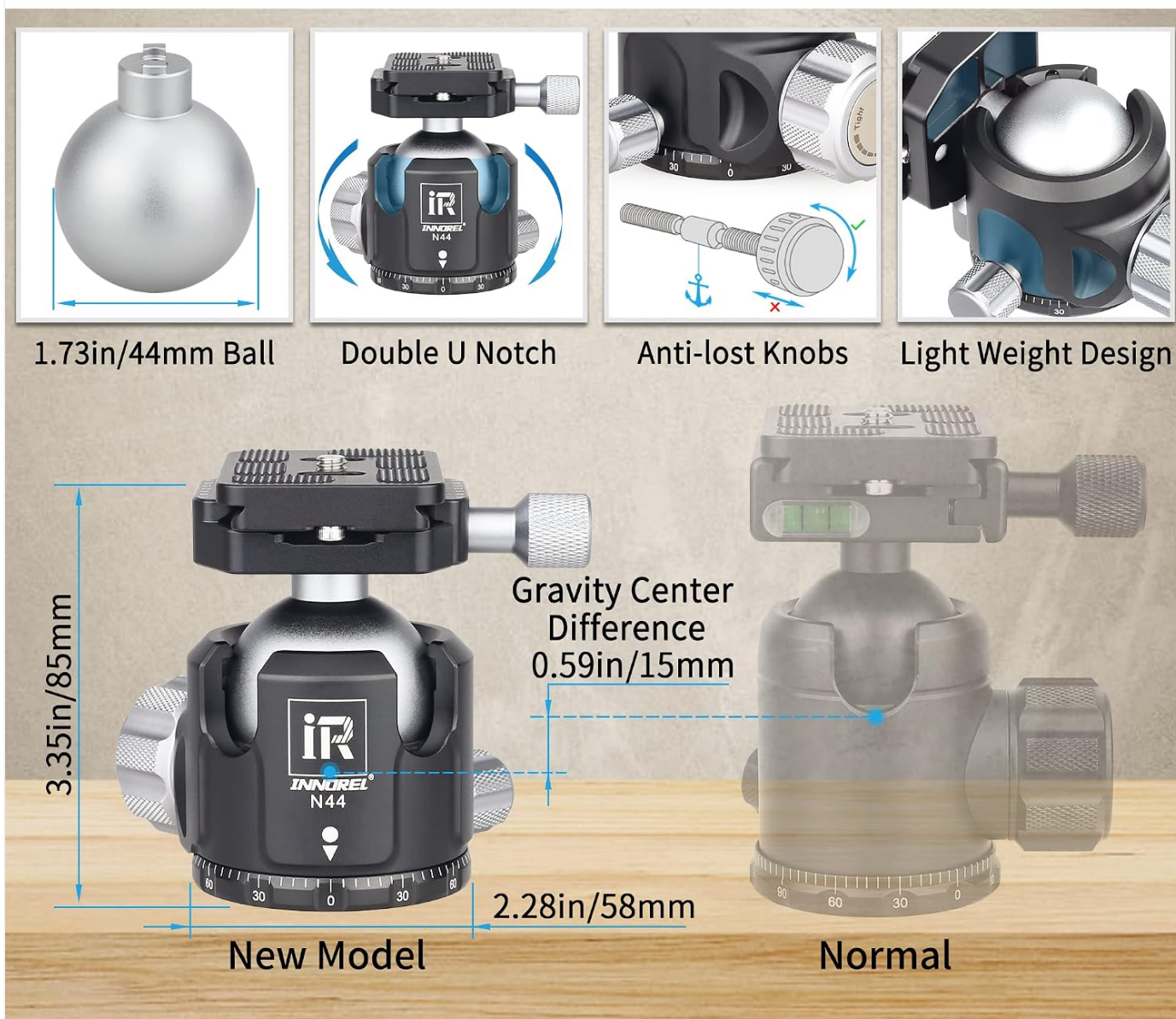


Image: Close-up of the N44 ball head, illustrating its 44mm ball diameter, double U-notch for tilting, anti-lost knobs, and lightweight design. It also shows a comparison of its low gravity center with a normal ball head.

- **Main Locking Knob:** Loosen to adjust the ball's position for tilting and panning. Tighten to lock the camera in place.
- **Panning Base Knob:** Loosen to rotate the camera horizontally (panning) without affecting the ball's tilt. Tighten to lock the panning movement.
- **Friction Control Knob:** Adjusts the tension of the ball movement. This allows for smoother adjustments and prevents the camera from dropping suddenly when the main locking knob is loosened.
- **Double U Notch:** Allows for extreme tilting angles, including vertical shots.

4.3 Macro Shooting

For macro photography, utilize the short center column or invert the main center column as described in Section 3.3. This allows the camera to be positioned very close to the ground or even below the tripod's base for unique perspectives.

5. MAINTENANCE

- **Cleaning:** Wipe down the carbon fiber legs and aluminum parts with a soft, damp cloth after use, especially if exposed to dirt, sand, or saltwater. Avoid harsh chemicals.
- **Leg Locks:** Periodically check leg locks for smooth operation. If they become stiff, clean any debris and apply a small amount of silicone-based lubricant if necessary.
- **Ball Head:** Keep the ball head clean and free of dust. If the panning base or ball movement becomes stiff, a small amount of synthetic lubricant can be applied to the friction surfaces, as noted by user experience.
- **Storage:** Store the tripod in its protective bag in a dry, cool place to prevent damage and prolong its lifespan.
- **Screws and Joints:** Occasionally check all screws and joints for tightness. Use the provided Allen keys to tighten any loose components.

6. TROUBLESHOOTING

- **Tripod Instability:**
 - Ensure all leg sections are fully extended and their locks are securely tightened.
 - Verify that the leg angles are properly engaged.
 - Check that the ball head is firmly attached to the tripod and the camera is securely mounted to the quick release plate.
 - Ensure the ground surface is stable. For uneven terrain, adjust leg lengths individually.
- **Stiff Leg Locks or Ball Head:**
 - Clean any visible dirt or debris from the mechanisms.
 - Apply a small amount of appropriate lubricant (e.g., silicone grease for leg locks, synthetic lubricant for ball head friction surfaces) if cleaning does not resolve the issue.
- **Missing Accessories:**
 - Check all compartments of the tripod bag, including any side pockets, as smaller items like Allen keys or spikes may be stored there.
 - Refer to the "Package Contents" section (Section 2) to confirm all items.

If you encounter issues not covered here, please contact INNOREL customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	INNOREL
Model Name	GT324C
Model Number	GT324C+N44
Material	Carbon Fiber (legs), Aluminum Alloy (body, center column)
Maximum Load Capacity	55 lbs (25 kg)
Net Weight	5.0 lbs (2.28 kg)
Maximum Height	70.7 in (179.5 cm)

Feature	Detail
Minimum Height	7.7 in (19.5 cm) (with short center column)
Folded Length	24.4 in (62 cm)
Number of Leg Sections	4
Leg Diameter	32.5mm, 29.0mm, 25.6mm, 22.2mm
Ball Head Type	N44 Low Gravity Center Ball Head
Ball Diameter	1.73 in (44 mm)
Compatible Devices	Camera
Special Features	Compact, Portable, Special-shaped Center Column, Low Gravity Center Ball Head, Macro Shooting Capability

TUBE DETAILS



10-layer carbon fiber tubes



One-piece gasket, anti falling



Hole on long spike for fastening



Image: Close-up of the tripod leg sections, illustrating the 10-layer carbon fiber tube construction and the varying diameters of each section (32.5mm, 29.0mm, 25.6mm, 22.2mm).

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The INNOREL GT324C Carbon Fiber Camera Tripod comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact INNOREL customer support. You can typically find contact information on the official INNOREL website or through the retailer where you purchased the product. Please have your model number (GT324C+N44) and purchase details ready when contacting support.

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