

[Manuals.plus](#) /

> [Benro](#) /

> Benro Tripod, Carbon Fiber (TSL08CN00) Instruction Manual

Benro TSL08CN00

Benro Tripod, Carbon Fiber (TSL08CN00) Instruction Manual

Model: TSL08CN00 | Brand: Benro

PRODUCT OVERVIEW

The Benro Slim TSL08CN00 is a lightweight Carbon Fiber tripod kit designed for mirrorless and compact DSLR cameras. It features a slim profile shoulder for compact folding, anodized aluminum twist locks for quick leg adjustments, and a grooved center column that can be reversed for low-angle shots. The integrated ball head includes an Arca-Swiss style quick release plate and bubble levels for precise leveling.

- **Slim Profile Shoulder:** Allows for more compact folding of the tripod legs.
- **Anodized Aluminum Twist Locks:** Require only a quick half turn to lock and unlock leg sections.
- **Arca-Swiss Style Camera Plate:** Blue anodized aluminum quick release plate with a D-ring 1/4"-20 camera screw.
- **Lightweight Magnesium Shoulder:** Features three leg positions, allowing individual leg positioning for uneven terrain.
- **Removable Single Action Ball Head:** Equipped with an oversized ratchet style lock knob for easy operation and a panoramic scale.

SETUP AND ASSEMBLY

Follow these steps to set up your Benro TSL08CN00 tripod for use.

1. Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all listed items are present: Carbon Fiber Tripod, N00 Ballhead, PU30 camera plate, and tripod bag. Inspect for any visible damage from shipping.

2. Attaching the Ball Head

The N00 Ballhead typically comes pre-attached. If not, screw the ball head onto the tripod's center column mounting screw until secure. Ensure it is tightened firmly to prevent rotation during use.







Figure 1: Benro TSL08CN00 Carbon Fiber Tripod fully assembled.

3. Extending the Tripod Legs

1. Grasp the top section of each leg.
2. Rotate the anodized aluminum twist locks counter-clockwise by a half turn to unlock each leg section.
3. Extend the leg sections to the desired length.
4. Rotate the twist locks clockwise by a half turn to firmly lock each section in place.





Figure 2: Detail of the anodized aluminum twist lock mechanism on the tripod leg.





Figure 3: The Benro tripod with all leg sections fully extended.

4. Adjusting Leg Angles

The tripod features a lightweight magnesium shoulder with three leg angle positions. To adjust, pull out the angle lock tab at the top of each leg and set the leg to the desired angle. Ensure the tab clicks back into place to secure the leg.



Figure 4: Close-up view of the leg angle adjustment mechanism on the tripod shoulder.

5. Attaching the Camera Plate

The PU30 camera plate is an Arca-Swiss style quick release plate. Attach it to your camera's 1/4"-20 tripod socket using the D-ring screw. Slide the plate with the camera into the ball head's clamp and tighten the clamp knob until the camera is securely mounted.

OPERATING INSTRUCTIONS

Learn how to effectively use your Benro TSL08CN00 tripod for various photographic needs.

1. Adjusting the Ball Head

The N00 ball head features an oversized ratchet style lock knob. Loosen this knob to adjust the camera's angle and position. Once the desired composition is achieved, tighten the knob firmly to secure the camera. The ball head also has a panoramic scale for precise horizontal adjustments.

2. Using the Center Column

The grooved center column prevents twisting during use. To extend it, loosen the center column lock knob (located on the tripod shoulder), pull the column up to the desired height, and then tighten the knob. For low-angle photography, the center column can be reversed by fully extending and removing it, then reinserting it upside down.





Figure 5: The Benro tripod with its center column fully extended for maximum height.

3. Leveling the Tripod

The tripod shoulder and the quick release clamp both include bubble levels. Use these to ensure your tripod is perfectly level on uneven terrain, which is crucial for accurate panoramic shots and stable video recording.



Figure 6: Detail of the integrated bubble level on the tripod's quick release clamp.

4. Using the Weight Hook

A weight hook is located underneath the center column. In windy conditions or when using heavy camera setups, you can

hang a counterweight (e.g., your camera bag) from this hook to increase the tripod's stability.

5. Folding for Transport

To fold the tripod compactly, first retract the center column fully. Then, unlock and retract all leg sections. Finally, fold the legs upwards, reversing them 180 degrees so they surround the ball head. This slim profile is ideal for storage and travel.





Figure 7: The Benro tripod in its compact folded configuration for transport.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Benro tripod.

- **Cleaning:** After each use, especially in dusty, sandy, or wet environments, wipe down the tripod legs and all components with a soft, damp cloth. For stubborn dirt, a mild soap solution can be used, followed by thorough drying.
- **Leg Sections:** Periodically extend all leg sections and clean any accumulated dirt or debris from the inner tubes and twist locks. This prevents grit from causing friction or damage.
- **Ball Head:** Keep the ball head clean and free of dust. Avoid applying lubricants to the ball mechanism unless specifically recommended by Benro, as this can attract more dirt.
- **Storage:** Store the tripod in its provided bag in a dry, cool place, away from extreme temperatures and humidity.
- **Avoid Over-tightening:** Do not over-tighten the twist locks or ball head knobs, as this can cause premature wear or damage to the components.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Benro TSL08CN00 tripod.

Leg Sections Not Extending/Retracting Smoothly

Issue: Legs feel stiff or bind when extending or retracting.

Solution: This is often caused by accumulated dirt, sand, or debris inside the leg sections. Fully extend each leg section, carefully clean the inner and outer tubes with a soft, dry cloth. Ensure the twist locks are fully disengaged before attempting to extend or retract. If the issue persists, a very small amount of silicone-based lubricant (*not* oil-based) can be applied to the inner tubes, but this should be done sparingly and wiped clean immediately.

Ball Head Not Holding Position / Camera Flopping

Issue: The camera moves or "flops" even after tightening the ball head lock knob.

Solution: Ensure the oversized ratchet style lock knob is tightened sufficiently. For heavier camera setups, ensure the tripod's weight limit (8.8 lbs) is not exceeded. Check that the camera plate is securely attached to your camera and firmly clamped into the ball head. If the issue persists, inspect the ball head for any signs of wear or damage.

Tripod Instability in Wind or Uneven Terrain

Issue: The tripod feels shaky or unstable.

Solution:

- Ensure all leg sections are fully extended and their twist locks are securely tightened.
- Adjust the leg angles to provide a wider, more stable base, especially on uneven ground.
- Utilize the weight hook underneath the center column by hanging your camera bag or another suitable weight to increase stability.
- Avoid extending the center column to its maximum height unless absolutely necessary, as this can reduce stability.

SPECIFICATIONS

Feature	Detail
Model Name	TSL08CN00
Material	Carbon Fiber
Item Weight	2.22 pounds (1.01 kg)
Product Dimensions	20.08 x 3.15 x 3.15 inches (51 x 8 x 8 cm)
Maximum Height	57.59 Inches (146.3 cm)
Weight Limit	8.8 Pounds (4 kg)
Tripod Head Type	Ball Head (N00)
Compatible Devices	Camera
Color	Black
Manufacturer	Benro
Date First Available	June 7, 2017

WARRANTY INFORMATION

Benro products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Benro website. Keep your proof of purchase for warranty claims.

Protection plans may also be available for extended coverage. Please consult your retailer for details on available protection plans.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Benro TSL08CN00 tripod, please contact Benro customer service or visit their official website:

Benro Official Website: www.benro.com

Refer to the product packaging or included documentation for specific regional contact information.



© 2024 Benro. All rights reserved. Information subject to change without notice.