

ARTCISE CS80C

ARTCISE CS80C Carbon Fiber Camera Tripod Instruction Manual

Model: CS80C | Brand: ARTCISE

1. INTRODUCTION

The ARTCISE CS80C travel tripod represents a significant advancement in tripod design, offering a highly compact form factor without compromising on stability or functionality. Engineered over three years, this tripod integrates essential features while optimizing space for portability. It is designed for photographers and videographers seeking a reliable, lightweight, and versatile support system for DSLR cameras and video camcorders.

2. KEY FEATURES

2.1 Ultra-Compact Design

The CS80C features an innovative design that reduces its storage volume significantly, with a diameter of only 3.31 inches (84 mm) when folded. This compact size allows it to fit easily into a photographer's carrying bag, leaving ample space for other equipment.



Figure 2.1: The ARTCISE CS80C tripod in its ultra-compact folded state, compared to a standard soda can and a larger tripod, demonstrating its space-saving design. It also shows the tripod attached to a backpack for travel.

2.2 Lightweight Construction

Constructed from 100% high-density carbon fiber, the CS80C tripod weighs only 3.68 lbs (1.67 kg). Despite its light weight, it maintains the stability and load capacity expected from professional-grade tripods.

2.3 Enhanced Stability

This tripod is built with high-quality 10-layer carbon fiber material and aviation-grade aluminum alloy. Its main body features a stable design without a center column, boasting a maximum pipe diameter of 32.5mm, ensuring super stability and a maximum load capacity of 44 lbs (20 kg).



Figure 2.2: The CS80C tripod supporting a professional camera setup, highlighting its robust construction and key specifications.

2.4 Thoughtful Design Details

Operating the tripod is made more comfortable with improved details. It features a rubber grip for better handling in cold environments. Additional 1/4" accessory sockets on the apex allow for attaching various accessories and shoulder-strap mounts. The twist-locks are redesigned to prevent grit and debris from entering the threads, and a vent at the top of each leg facilitates efficient air transfer for rapid deployment and takedown.



Figure 2.3: Detailed comparison showcasing the superior features of the CS80C tripod, including its accessory holes, counterweight hook, and durable rubber grips.



Figure 2.4: Illustration of the 10-layer carbon fiber tube construction and the dust-resistant system, emphasizing durability and quality.

3. SETUP AND ASSEMBLY

3.1 Leg Extension and Angle Adjustment

To extend the tripod legs, twist the leg locks counter-clockwise to loosen, pull out the desired leg sections, and then twist clockwise to secure. The legs can be independently adjusted to three different angles (approximately 10°, 35°, and 66°) by pulling out the angle adjustment tab at the top of each leg and selecting the desired position. This allows for stable setup on uneven terrain or for achieving various shooting heights.



Figure 3.1: Leg angle adjustment mechanism and available angles for versatile positioning.



Figure 3.2: Various working heights and configurations of the tripod.

3.2 Monopod Conversion

One of the tripod legs can be detached and converted into a monopod. To do this, unscrew the designated leg from the tripod apex. Attach your camera or ball head directly to the top of the detached leg to use it as a monopod. This feature provides flexibility for situations where a full tripod is not necessary or practical.

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Video 3.1: Demonstration of converting the ARTCISE CS80C tripod leg into a detachable monopod for handheld stability.

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Video 3.2: Another view of the monopod conversion, showcasing its ease of use and versatility.

4. OPERATING INSTRUCTIONS

4.1 Attaching Your Camera

Ensure your camera's quick release plate is securely attached to the camera body. Mount the quick release plate into the tripod's ball head clamp and tighten the locking mechanism. Always verify that your camera is firmly seated before releasing your grip.

4.2 Using Accessory Sockets

The tripod apex includes 1/4" female threaded sockets. These allow for the attachment of various accessories such as external monitors, LED lights, or smartphone mounts. Simply screw the accessory into the desired socket until secure.



Figure 4.1: Attaching a smartphone mount to the 1/4" accessory thread on the tripod.

4.3 Low Angle Photography

For low-angle shots, adjust the tripod legs to their widest angle setting (10°). This allows the camera to be positioned very close to the ground, ideal for macro photography or unique perspectives.

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Video 4.1: Demonstration of setting up the tripod for low angle photography, showing a camera positioned close to the ground.

5. SPECIFICATIONS

Feature	Detail
Brand	ARTCISE
Model Name	CS80C
Compatible Devices	Camera
Special Features	Lightweight, Compact, Stable, Accessory Sockets, Rubber Grip
Material	Aluminum, Carbon Fiber, Rubber
Item Weight	1.67 Kilograms (3.68 lbs)
Weight Limit	20 Kilograms (44 lbs)
Maximum Height	146 Centimeters (57.5 inches)
Tripod Head Type	Ball Heads (Note: Product is sold without ballhead, but compatible)
Leg Diameter (Max)	32.5 mm (1.28 inches)
Folded Size (Diameter)	84 mm (3.31 inches)
Number of Leg Sections	4

6. MAINTENANCE

- **Cleaning:** Regularly wipe down the tripod legs and joints with a soft, damp cloth to remove dust, dirt, and moisture. For stubborn grime, a mild soap solution can be used, followed by thorough drying.
- **Lubrication:** The leg locks are designed to be maintenance-free. Avoid applying lubricants to the leg sections or twist locks, as this can attract dirt and impair their function.
- **Storage:** Store the tripod in its carrying bag in a dry, cool place away from direct sunlight and extreme temperatures. Ensure it is clean and dry before storage to prevent corrosion or damage.
- **Inspection:** Periodically check all screws, bolts, and joints for tightness. If any part feels loose, gently tighten it. Do not overtighten.

7. TROUBLESHOOTING

- **Legs difficult to extend/retract:** Ensure the twist locks are fully loosened. If the issue persists, clean the leg sections thoroughly to remove any accumulated dirt or sand. Avoid forcing the legs.
- **Tripod instability:** Verify that all leg sections are fully extended and all twist locks are securely tightened. Ensure the leg angles are properly locked into position. Check that the camera is balanced on the ball head (if used) and securely mounted.
- **Camera not secure on ball head:** Ensure the quick release plate is correctly attached to your camera and fully seated in the ball head clamp. Tighten the clamp lever firmly.

8. PACKING LIST

Upon unpacking, please ensure all the following items are included:

- Lengthened Tripod Bag x 1
- Packing Box x 1
- CS80C Tripod Kit x 1
- Warranty Card x 1
- Instruction Manual x 1
- Strap of Tripod Bag x 1
- Stainless Steel Spike x 3
- Allen Key x 3

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3. CS80C Tripod Kit × 1	4. Warranty Card × 1
5. Instruction Manual × 1	6. Strap of Tripod Bag × 1
7. Stainless Steel Spike × 3	8. Allen Key × 3



Figure 8.1: Contents of the ARTCISE CS80C tripod package.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the included Warranty Card. For product support, technical assistance, or inquiries regarding replacement parts, please contact ARTCISE customer service through the official channels provided with your product or on the ARTCISE website. Keep your purchase receipt as proof of purchase for

warranty claims.