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> ARTCISE CS90C Carbon Fiber Tripod with LB52 Ball Head User Manual

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Model: CS90C

INTRODUCTION

This manual provides detailed instructions for the proper assembly, operation, and maintenance of your ARTCISE CS90C Carbon Fiber Tripod with LB52 Low Profile Ball Head. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

The ARTCISE CS90C tripod is constructed from 10-layer carbon fiber leg tubes and aluminum alloy, designed for stability and durability. It features a 52mm low-profile ball head for enhanced stability and smooth operation. The tripod offers multi-functional capabilities, including a detachable monopod and multiple angle adjustments for various shooting environments.

WHAT'S IN THE BOX

Carefully unpack all components and verify that all items listed below are present and in good condition.

Packing List

- | | |
|------------------------------|--------------------------------|
| 1. Lengthened Tripod Bag × 1 | 2. Packing Box × 1 |
| 3. CS90C Carbon Tripod × 1 | 4. Low profile tripod head × 1 |
| 5. Magic Arm × 1 | 6. Metal Phone Mount × 1 |
| 7. Stainless Steel Spike × 3 | 8. Strap of Tripod Bag × 1 |
| 9. Stone Bag × 1 | 10. Another QR plate × 1 |
| 11. Allen Key × 3 | |



Figure 1: Included Components. This image displays the complete packing list, including the tripod, ball head, and various accessories.

1. Carbon Fiber Tripod (CS90C) x 1
2. Low Profile Tripod Head (LB52) x 1
3. Quick Release Plate x 2 (one pre-installed, one spare)
4. Magic Arm x 1
5. Phone Clip x 1
6. Stone Bag x 1
7. Stainless Steel Spikes x 3
8. Allen Key x 3
9. Lengthened Tripod Bag x 1
10. Packing Box x 1
11. Strap of Tripod Bag x 1

SETUP INSTRUCTIONS

1. Attaching the Ball Head

The LB52 low-profile ball head comes pre-attached to the CS90C tripod. If it needs to be re-attached or replaced, ensure the tripod's mounting screw (UNC 3/8" Male Thread) is securely fastened to the base of the ball head.



Figure 2: Tripod Head Mounting Base. The UNC 3/8" male thread is used to secure the ball head.

2. Extending the Tripod Legs

To extend the tripod legs, release the leg locks on each section. Pull the leg sections outwards to the desired length, then firmly close the leg locks to secure them. The tripod features 10-layer carbon fiber tubes for stability.



Figure 3: Carbon Fiber Leg Tube Details. Shows the varying diameters of the leg sections and the rubber sleeves.

3. Adjusting Leg Angles

Each leg has an angle adjustment lock. Press the lock and move the leg to one of the three available angles (approximately 10°, 35°, or 67°). Release the lock to secure the leg in position. This allows for versatile positioning, including low-angle shooting.

CS90C Carbon Tripod Kit

For Various Shootings



Outdoor shooting



Indoor shooting



Macro shooting



Star Photography



Night Photography



Mountain Climbing



City Photography



Figure 4: Leg Angle Adjustment. Illustrates the different leg angle settings.

4. Attaching Accessories

The tripod features an external accessory hole (1/4" female thread) for mounting additional equipment. Use the provided magic arm and phone clip, or other compatible accessories, to attach items like a smartphone or LED light.

1/4" Female Thread for Accessories

Cellphone mount and LED light can be mounted on the tripod.



Figure 5: Accessory Mounting. Shows how to attach a phone clip or LED light using the 1/4" female thread.

OPERATING INSTRUCTIONS

1. Using the Ball Head

The LB52 low-profile ball head allows for smooth and precise camera positioning.

- **Main Locking Knob:** Loosen this knob to adjust the camera's angle and tilt. Tighten it firmly to secure the camera in position.
- **Panning Lock Knob:** Loosen this knob to rotate the camera horizontally (360° panning). Tighten it to lock the panning movement.
- **Quick Release Plate:** Attach your camera to the quick release plate, then slide the plate into the ball head's clamp. Ensure the clamp lever is securely locked.



Figure 6: LB52 Low Profile Ball Head. Demonstrates the design for improved stability.

2. Detachable Monopod Function

One of the tripod legs can be detached and used as a monopod.

1. Identify the leg with the rubber grip and the monopod icon.
2. Unscrew this leg from the tripod chassis.
3. If desired, attach the ball head directly to the top of the detached monopod.
4. To reattach, align the threads and screw the leg back onto the tripod chassis until secure.



Figure 7: Monopod Function. The image shows the tripod leg detached and used as a monopod.

3. Using the Stone Bag and Counterweight Hook

For added stability in windy conditions or with heavy camera setups, utilize the stone bag and counterweight hook.

- **Stone Bag:** Attach the stone bag to the tripod's center column or leg junctions. Fill it with rocks, sand, or other heavy objects to lower the center of gravity.
- **Counterweight Hook:** Hang a camera bag or other weight from the rotatable counterweight hook located at the bottom of the center column.

MAINTENANCE

Proper maintenance will extend the life and performance of your ARTCISE tripod.

- **Cleaning:** After use, especially in dusty, sandy, or wet environments, wipe down the tripod legs and ball head with a clean, damp cloth. For stubborn dirt, use a mild soap solution. Ensure all parts are thoroughly dried before storage.
- **Lubrication:** Periodically check the leg locks and ball head mechanisms. If they feel stiff, apply a small amount of silicone-based lubricant to the moving parts. Avoid oil-based lubricants as they can attract dust.
- **Storage:** Store the tripod in its carrying bag in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect all screws, bolts, and leg locks for tightness. Use the provided Allen keys to tighten any loose fasteners. Check rubber feet and spikes for wear and replace if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tripod legs do not extend or retract smoothly.	Dirt or sand inside leg sections; leg locks are too tight/loose.	Clean leg sections thoroughly. Adjust leg lock tension with an Allen key if applicable.
Ball head movement is stiff or jerky.	Accumulated dirt; insufficient lubrication.	Clean the ball head mechanism. Apply a small amount of silicone lubricant.
Camera is not stable on the ball head.	Quick release plate not securely fastened; ball head locking knob not tightened.	Ensure the quick release plate is fully seated and locked. Tighten the main locking knob firmly.
Monopod leg is difficult to detach/attach.	Threads are dirty or misaligned.	Clean the threads on both the leg and the tripod chassis. Ensure correct alignment before screwing.

SPECIFICATIONS

Feature	Detail
Brand	ARTCISE
Model Name	CS90C
Model Number	CS90C+LB52
Material	10-Layer Carbon Fiber, Aluminum Alloy
Maximum Height	169 cm (66.5 inches)
Minimum Height	13 cm (5.1 inches)
Folded Length	71 cm (27.9 inches)
Max Load Capacity (Tripod)	40 kg (66.1 lbs)
Max Load Capacity (Ball Head)	30 kg (66.1 lbs)
Tripod Net Weight	2.27 kg (5 lbs)
Ball Head Diameter	52 mm
Leg Diameter (Max)	40 mm
Number of Leg Sections	4
Head Type	Low Profile Ball Head
Compatible Devices	Camera

Specifications and Features

Ultra compact design and 40.0mm max tube make it extremely stable.



Ultra Compact Size

Super Load-bearing Capacity

High Density Aluminum Alloy

Genuine 10 Layers Carbon Fiber Tube

Max. Height	Min. Height	Max. Tube
70.9in/180cm	9.5in/24cm	1.6in/40.0mm
Material	Max. Load	Net Weight
Carbon fiber	77.2lb/35kg	6.6lb/3.0kg

Figure 8: Key Specifications and Features. Visual summary of the tripod's main dimensions and capabilities.

WARRANTY AND SUPPORT

Warranty Information

ARTCISE provides a 12-month after-sales service from the date of purchase. If you encounter any quality-related issues within this period, ARTCISE will offer a refund or replacement.

Customer Support

For any questions, concerns, or support needs regarding your ARTCISE CS90C tripod, please contact ARTCISE customer service. We are committed to responding to your inquiries within 24 hours.

For more information or to contact support, please visit the official ARTCISE store on Amazon: [ARTCISE Store](#).



