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> ARTCISE CS80C Carbon Fiber Tripod with LB44 Low Profile Ball Head Instruction Manual

ARTCISE CS80C + LB44

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INSTRUCTION MANUAL

Introduction

Thank you for choosing the ARTCISE CS80C Carbon Fiber Tripod with LB44 Low Profile Ball Head. This professional-grade tripod is engineered for stability, portability, and versatility, making it suitable for various photography and videography applications. Constructed from 10-layer carbon fiber and aviation-grade aluminum alloy, it offers a robust yet lightweight solution for your equipment. This manual provides essential information for the proper setup, operation, and maintenance of your new tripod.

Setup

1. Unpacking the Contents

Carefully unpack all items from the packaging. Ensure all components are present:

- Lengthened Tripod Bag × 1
- Packing Box × 1
- CS80C with LB44 Tripod Kit × 1
- Warranty Card × 1
- Instruction Manual × 1
- Strap of Tripod Bag × 1
- Stainless Steel Spike × 3
- Allen Key × 3



1/4" Female Thread for Accessories

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



More durable stainless steel made



Image Description: A flat lay showing all included accessories: a tripod bag, the folded tripod with ball head, a warranty card, an instruction manual, a shoulder strap, three stainless steel spikes, and three Allen keys.

2. Tripod Assembly and Initial Setup

Unfold the tripod legs and position them to your desired angle. The tripod features a fixed apex design for enhanced stability. The LB4 low-profile ball head comes pre-attached to the tripod.



Image Description: Three views of the ARTCISE CS80C tripod: folded, partially extended, and fully extended, showcasing its compact and versatile design.

Video Description: An official ARTCISE video demonstrating the compact size, load capacity, leg diameter, accessory hole, rubber grip, and monopod conversion of the CS80C Carbon Fiber Tripod.

Operating Instructions

1. Adjusting Leg Angles and Height

The tripod legs can be independently adjusted to three different angles to adapt to various terrains and shooting requirements. To adjust a leg, pull the angle lock tab at the top of the leg, set the leg to the desired angle, and release the tab to lock it in place.

To extend or retract the legs, twist the quick-release twist locks counter-clockwise to loosen, extend/retract the leg sections, and then twist clockwise to secure. The 10-layer carbon fiber tubes ensure stability even at maximum extension.



Image Description: A visual guide illustrating the ARTCISE CS80C tripod's various working heights and leg angles, from a compact 8.3"/21cm to a maximum of 70.5"/179cm, including monopod configuration.

2. LB44 Low Profile Ball Head Operation

The 44mm low-profile ball head provides precise control for camera positioning. It features a main locking knob for the ball, a panning knob for 360-degree rotation, and a friction control knob for fine-tuning damping.

- **Main Locking Knob:** Loosen to adjust the ball's position, tighten to secure.
- **Panning Knob:** Loosen to rotate the camera 360 degrees for panoramic shots, tighten to lock.
- **Friction Control Knob:** Adjusts the resistance of the ball movement. Turn clockwise to increase resistance (damping) and counter-clockwise to decrease it.

The ball head also includes a U-shaped groove for quick vertical orientation and a 360-degree scale for precise panoramic photography.

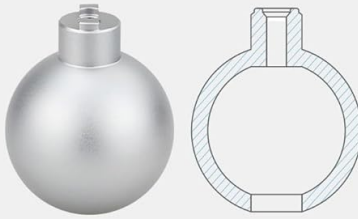
44mm All Metal Lower Gravity Center

Ergonomic design gives superior handling and unsurpassed reliability

Ergonomically designed knob



44mm Hollow Ball Design

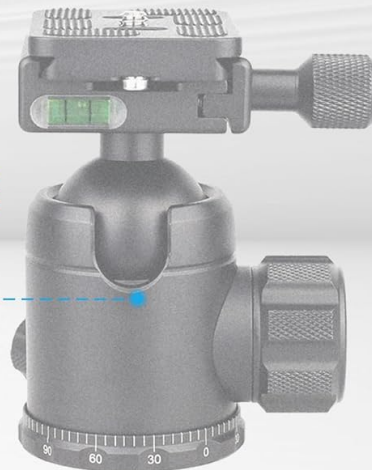


Double U Notch

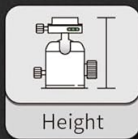


New Model

Gravity Center
Difference
0.59in/15mm



Normal



Height

3.50"/89mm



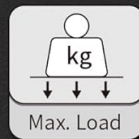
Bottom Dia.

2.28"/58mm



Ball Dia.

1.73"/44mm



Max. Load

55.1lbs/25kg



Net Weight

1.04lbs/0.47kg



Material

Aluminum Alloy

Image Description: A close-up of the 44mm low-profile ball head, highlighting its ergonomic design, hollow ball, double U-notch, and comparison to a normal ball head, emphasizing its lower center of gravity.

Video Description: An official ARTCISE video demonstrating the features and operation of the low-profile ball head, including its large diameter, CNC-machined knobs, damping adjustment, and Arca quick-release plate.

3. Monopod Conversion

One of the tripod legs can be detached and combined with the ball head to form a monopod. This feature is ideal for situations requiring quick setup and mobility.

Carbon Fiber Tube

Genuine 10 layers carbon fiber tubes make it strong but lightweight.



Image Description: A close-up of the carbon fiber leg, detailing its 10-layer construction, natural rubber sleeve, rotatable counterweight hook, and the removable monopod section.

4. Low Angle Shooting

For ultra-low angle photography, spread the tripod legs to their widest angle. The tripod's design allows for stable shooting close to the ground, perfect for macro photography or unique perspectives.

Video Description: An official ARTCISE video showcasing the tripod's features, including panoramic shooting, macro photography, and ultra-low angle shooting capabilities.

5. Accessory Attachment

The tripod apex includes additional 1/4" sockets, allowing you to attach various accessories such as cellphone mounts, LED lights, or other photographic tools.

Packing List

1. Lengthened Tripod Bag × 1	2. Packing Box × 1
3. CS80C with LB44 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



Image Description: A close-up of the tripod's apex, highlighting the 1/4" female thread accessory hole, made from durable stainless steel, for attaching additional equipment.

Maintenance

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

- **Cleaning:** Wipe down carbon fiber legs and aluminum components with a soft, damp cloth after each use, especially after exposure to dust, sand, or saltwater. Avoid harsh chemicals.
- **Lubrication:** Periodically check the leg locks and ball head mechanisms. If movement becomes stiff, apply a small amount of silicone-based lubricant.
- **Storage:** Store the tripod in its protective bag in a dry, cool place away from direct sunlight and extreme temperatures.
- **Twist Locks:** The redesigned twist-locks are engineered to prevent grit and debris from contaminating the threads. However, regular inspection and cleaning of the threads will further extend their lifespan.

Troubleshooting

- **Legs not extending/retracting smoothly:** Ensure twist locks are fully loosened. Clean any debris from the leg sections and apply lubricant if necessary.

- **Ball head movement is too loose/tight:** Adjust the friction control knob on the ball head to achieve the desired resistance.
- **Tripod instability:** Ensure all leg sections are fully extended and twist locks are securely tightened. Verify that the leg angles are properly locked.

Specifications

Brand	ARTCISE
Model Number	Tripod CS80C + Ball Head LB44
Material	Aluminum, Carbon Fiber (10-layer)
Item Weight	3.68 lbs / 1.67 kg
Weight Limit	44 lbs / 20 kg
Leg Diameter	32.5 mm (Max)
Folded Size	3.31 inches (diameter)
Tripod Head Type	Ball Heads (44mm Low Profile)
Compatible Devices	Camcorder, Camera

Warranty

ARTCISE products are manufactured to high-quality standards and are guaranteed against manufacturing defects. Please refer to the included Warranty Card for specific terms and conditions regarding your product's warranty coverage.

Support

For further assistance, product information, or to explore other ARTCISE products, please visit the official ARTCISE Store:

[ARTCISE Official Store](#)