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### Fotopro X-Aircross 3 Lite

# Fotopro Carbon Fiber Tripod X-Aircross 3 Lite User Manual

Model: X-Aircross 3 Lite

## 1. Introduction

Thank you for choosing the Fotopro X-Aircross 3 Lite Carbon Fiber Tripod. This ultralight and compact travel tripod is designed for photographers seeking portability without compromising stability. It features a robust carbon fiber construction, an innovative locking system, and a professional panoramic ball head, making it suitable for various photographic applications, including DSLR and mirrorless cameras.
This manual provides detailed instructions for the proper setup, operation, and maintenance of your tripod to ensure optimal performance and longevity.

## 2. Product Overview and Components

Familiarize yourself with the main components of your Fotopro X-Aircross 3 Lite tripod:

- **Ball Head:** For precise camera positioning and panoramic rotation.
- **Quick Release Plate:** Attaches to your camera for quick mounting and dismounting.
- **Center Column:** Provides additional height adjustment.
- **Center Column Locking Knob:** Secures the center column in place.
- **Tripod Legs:** Three carbon fiber legs with adjustable sections.
- **Leg Locking System:** Innovative twist-lock mechanism for quick leg extension and retraction.
- **Rubber Feet:** Provide stability on various surfaces.
- **Hook:** Located at the bottom of the center column for adding weight for increased stability.
- **Built-in Phone Clip:** Integrated into the center column for smartphone photography.




Figure 2.1: The Fotopro X-Aircross 3 Lite Carbon Fiber Tripod, shown both fully extended and folded for transport.




Figure 2.2: Detailed diagram illustrating the various parts of the tripod, including the ball head, quick release plate, leg locks, and center column.

## 3. Setup

1. **Unpack the Tripod:** Carefully remove the tripod from its carrying case and packaging.
2. **Extend the Legs:**
    - Rotate the leg locking mechanism counter-clockwise to unlock all sections of a leg simultaneously.
    - Pull the leg downwards to extend it to the desired length.
    - Rotate the leg locking mechanism clockwise to securely lock the leg sections in place. Repeat for all three legs.
3. **Adjust Leg Angles:** Press the leg angle adjustment tabs at the top of each leg to set the desired spread angle.
4. **Attach the Camera:**
    - Ensure the quick release plate is securely attached to the bottom of your camera.
    - Open the quick release clamp on the ball head.

- Slide the camera with the attached quick release plate into the clamp until it clicks into place.
- Tighten the quick release clamp lever to secure the camera.




Figure 3.1: A camera securely mounted on the tripod, ready for use.




Figure 3.2: Illustration of the quick twist-lock mechanism for extending and retracting the tripod legs.

## 4. Operating Instructions

### 4.1 Adjusting Tripod Height

- **Leg Extension:** Follow the steps in Section 3.2 to extend or retract the tripod legs.
- **Center Column Adjustment:** Loosen the center column locking knob, raise or lower the center column to the desired height, and then tighten the knob securely.

### 4.2 Using the Ball Head

- **Positioning the Camera:** Loosen the main locking knob on the ball head to adjust the camera angle. Once the desired position is achieved, tighten the knob firmly.
- **Panoramic Rotation:** The ball head features a separate panoramic base lock. Loosen this knob to rotate the camera horizontally for panoramic shots, then tighten to secure.
- **Portrait Orientation:** Use the drop-notch on the ball head to quickly switch your camera to portrait orientation.




Figure 4.1: The tripod demonstrating its stability while supporting a camera with a substantial lens.

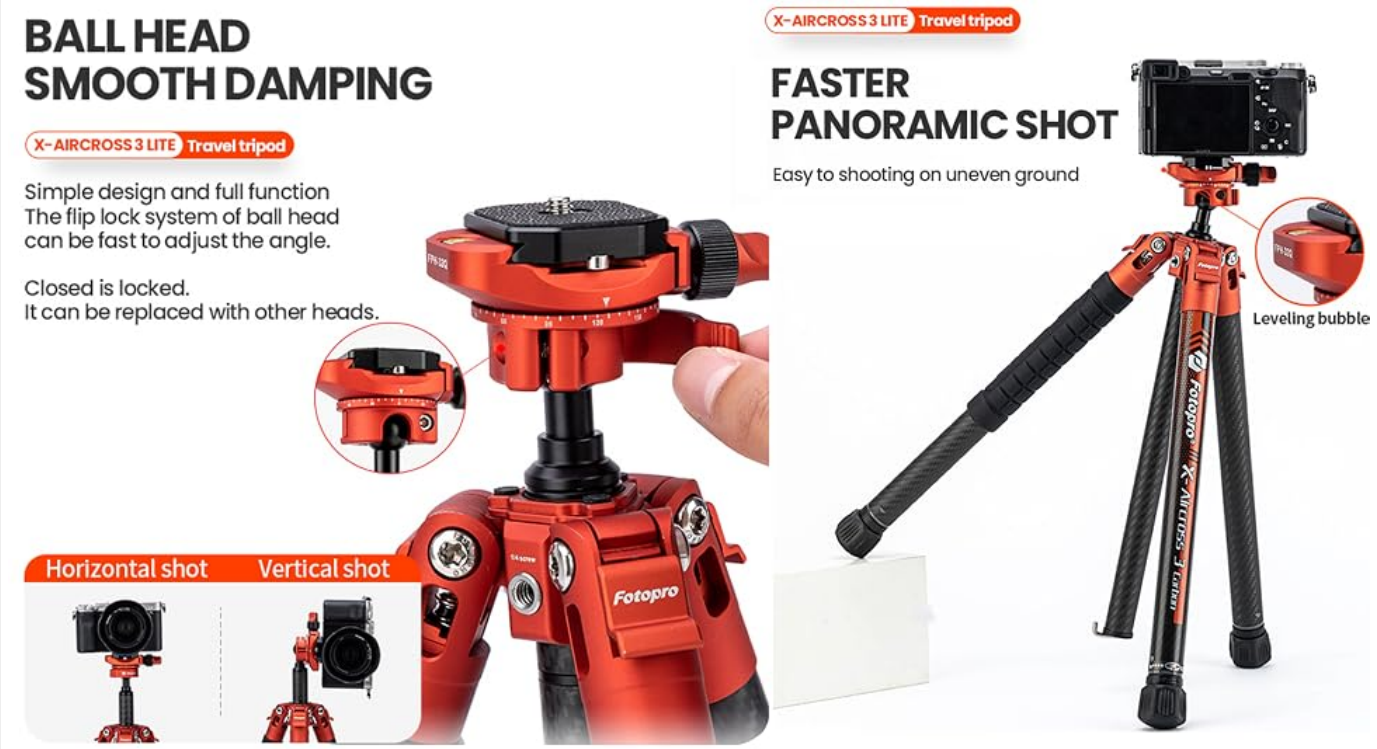



Figure 4.2: The ball head allows for both horizontal 360-degree panoramic rotation and vertical shooting, aided by a built-in leveling bubble.

## 4.3 Low-Angle Shooting (Detachable Center Axis)

For macro photography or very low-angle shots, the center column can be detached:

1. Loosen the center column locking knob and remove the center column completely.
2. Mount the ball head directly onto the tripod spider (the top plate where the legs attach).
3. Adjust the leg angles to achieve the desired low perspective.



Figure 4.3: The tripod configured for low-angle photography by removing the center column, ideal for macro shots.

### 4.4 Using the Built-in Phone Clip

The center column includes a hidden phone clip for convenient smartphone photography. Simply pull it out from the center column and attach your smartphone.

## 5. Maintenance

- **Cleaning:** Wipe down the tripod with a soft, damp cloth after each use, especially if used in dusty, sandy, or wet environments. Avoid harsh chemicals.
- **Lubrication:** Do not apply lubricants to the leg locking mechanisms or ball head unless specifically instructed by Fotopro support.
- **Storage:** Store the tripod in its carrying case in a dry, cool place away from direct sunlight. Ensure all knobs and locks are slightly loosened before storage to prevent stress on components.
- **Inspection:** Periodically check all screws and connections for tightness. Do not overtighten.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Tripod legs do not extend/retract smoothly. | Dirt or debris in leg sections; locking mechanism not fully disengaged. | Clean leg sections thoroughly. Ensure the twist-lock is fully rotated to the unlock position. |
| Camera is not stable on the ball head. | Quick release plate not securely attached; ball head locking knob loose; tripod overloaded. | Ensure quick release plate is tightened to camera and clamped securely. Tighten ball head locking knob. Verify camera weight is within tripod's load capacity (11.02 lbs / 5 kg). |
| Center column slides down. | Center column locking knob is loose. | Tighten the center column locking knob firmly. |
| Tripod feels wobbly. | Legs not fully extended or locked; uneven ground; excessive weight. | Ensure all leg sections are fully extended and locked. Adjust leg angles for stability on uneven terrain. Consider adding weight to the hook for increased stability. |

## 7. Specifications

| Feature | Detail |
|---|---|
| Model Name | X-Aircross 3 Lite (CSTRXA17LRCF) |
| Material | 3K Carbon Fiber |
| Maximum Height | 62 Inches (157.5 cm) |
| Folded Length | 15.74 Inches (40 cm) |
| Item Weight | 1.78 lbs (0.81 kg) |
| Maximum Load Capacity | 11.02 lbs (5 kg) |
| Leg Sections | 5 |
| Tripod Head Type | Ball Head (Panoramic) |

| Feature | Detail |
| --- | --- |
| Compatible Devices | Camera (DSLR, Mirrorless) |

## 8. Warranty and Support

Fotopro products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official Fotopro website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the Fotopro Store on Amazon.

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