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Manfrotto MT290XTC3US

Manfrotto 290 Xtra Carbon Fiber 3-Section Tripod (MT290XTC3US) Instruction Manual

Model: MT290XTC3US

Introduction

The Manfrotto 290 Xtra Carbon Fiber 3-Section Tripod (MT290XTC3US) is designed for photographers and videographers seeking a stable and lightweight support solution. Constructed from carbon fiber, this tripod offers a balance of durability and portability. It features adjustable leg angles and a reversible center column to accommodate various shooting requirements.



Figure 1: Manfrotto 290 Xtra Carbon Fiber 3-Section Tripod in extended position.

Setup

1. **Unfolding the Tripod:**

   Release the leg locks on each of the three leg sections. Gently extend the legs outwards until they are fully spread or set to your desired angle. The tripod offers four distinct leg angle positions for versatility.

2. **Adjusting Leg Length:**

   Each leg features flip locks. Open the flip locks to extend or retract the leg sections. Close the flip locks firmly to secure the legs at the desired height. Ensure all leg sections are securely locked before mounting equipment.

3. **Extending the Center Column:**

   Loosen the center column locking knob. Carefully raise the center column to increase the tripod's height. Tighten the locking knob securely once the desired height is reached. The center column can also be reversed for low-angle shooting or macro photography by fully removing it, flipping its orientation, and reinserting it.

4. **Attaching a Camera or Head:**

The tripod features a standard mounting plate at the top of the center column. Attach your camera directly or mount a compatible tripod head (e.g., a ball head or fluid head) using the screw thread. Ensure the camera or head is securely fastened to prevent accidental detachment.



Figure 2: Manfrotto 290 Xtra Tripod in its compact, folded state.

Operating the Tripod

- **Adjusting Leg Angles:**

  Each leg has a mechanism near the top that allows you to select one of four predefined angles. Press the release button or lever on the leg hinge and move the leg to the desired angle. This allows for stable positioning on uneven terrain or for achieving very low shooting angles.

- **Stability Check:**

  Before use, always ensure all leg locks are securely fastened and the center column is tightened. Gently press down on the tripod head to confirm stability. For maximum stability, avoid extending the center column fully unless

necessary.

- **Using a Fluid Head (if applicable):**

  If using a fluid head, adjust the tension knobs for pan and tilt movements to achieve smooth, controlled motion. The fluid head allows for precise adjustments, crucial for video recording. Ensure the head is level using its integrated bubble level, if present, before making fine adjustments.

Maintenance

- **Cleaning:**

  Regularly clean the tripod legs and locking mechanisms, especially after use in dusty, sandy, or wet environments. Use a soft, damp cloth to wipe down surfaces. For sand or grit, disassemble the leg sections if possible (refer to manufacturer guidelines) and clean thoroughly before reassembly. Avoid using harsh chemicals.

- **Lubrication:**

  Do not lubricate the leg sections or locking mechanisms unless specifically instructed by Manfrotto. Lubricants can attract dirt and impair performance.

- **Adjusting Leg Lock Tension:**

  Over time, the tension of the flip leg locks may loosen. The tripod includes a small tool (often stored within one of the leg sections or attached to the tripod) to adjust the tension screws on the flip locks. Tighten these screws slightly until the locks provide a firm grip without requiring excessive force to close.

- **Storage:**

  Store the tripod in a dry, clean environment. If storing for an extended period, ensure all leg sections are retracted and locks are lightly engaged to prevent dust accumulation.

Troubleshooting

- **Leg Sections Not Sliding Smoothly:**

  This is often caused by dirt or debris inside the leg sections. Refer to the "Maintenance" section for cleaning instructions. Ensure the flip locks are fully open when extending or retracting legs.

- **Loose Leg Locks:**

  If leg sections do not hold firmly, the tension on the flip locks may need adjustment. Use the provided tool to slightly tighten the tension screws on each flip lock until a secure hold is achieved. Do not overtighten.

- **Center Column Slides Out:**

  Ensure the center column locking knob is fully tightened after adjusting the column height. If the column still slides, check for any obstructions or damage to the locking mechanism. Contact customer support if the issue persists after cleaning and tightening.

- **Missing Rubber Feet:**

  Rubber feet can sometimes detach during use or transport. Replacement feet may be available from Manfrotto customer support or authorized dealers. Ensure replacement feet are securely attached.

Specifications

Feature	Detail
Model Number	MT290XTC3US
Material	Carbon Fiber

Number of Leg Sections	3
Maximum Height	65.2 Inches
Minimum Height	12 Inches
Closed Length	24.5 Inches
Weight Limit	11 Pounds
Item Weight	3.4 Pounds
Product Dimensions	25.8 x 5.5 x 5.5 inches (folded)

Warranty Information

Manfrotto products are covered by a standard limited warranty. For detailed information regarding the warranty period, coverage, and terms and conditions, please refer to the official Manfrotto website or the warranty card included with your product. Keep your proof of purchase for warranty claims.

Customer Support

Should you require assistance, have questions about your Manfrotto 290 Xtra tripod, or need to report a technical issue, please visit the official Manfrotto support website. You can find FAQs, troubleshooting guides, and contact information for their customer service team there.

Official Manfrotto Website: www.manfrotto.com

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