

Manfrotto 504X

Manfrotto 504X Fluid Video Head with 635 Fast Single Leg Carbon Tripod Instruction Manual

Model: 504XAH+635 Fast Single Leg CF

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Manfrotto 504X Fluid Video Head and 635 Fast Single Leg Carbon Tripod kit. This system is engineered for videographers requiring stability, smooth movements, and quick setup for DSLR and digital cameras.



Figure 1: Manfrotto 504X Fluid Video Head with 635 Fast Single Leg Carbon Tripod. This image displays the complete tripod system, including the fluid video head mounted on the carbon fiber legs, alongside its padded carrying bag.

PACKAGE CONTENTS

The Manfrotto 504X Fluid Video Head with 635 Fast Single Leg Carbon Tripod kit includes the following items:

- 504X Fluid Video Head
- Leveling Ball
- 635 Fast Single Carbon Fiber Leg Tripod (MVTSGFC)
- 3x Rubber Boots
- Padded Carrying Bag
- Manfrotto 6 Months Limited Warranty (4 Year + 6 Month Extension with Product Registration)

SETUP

1. Assembling the Tripod System

1. Remove the 504X Fluid Video Head and 635 Fast Single Carbon Fiber Leg Tripod from the padded carrying bag.
2. Ensure the leveling ball is securely attached to the tripod legs.
3. Mount the 504X Fluid Video Head onto the leveling ball. Secure it by tightening the base diameter (75 mm) mechanism.

2. Adjusting Tripod Legs

The 635 Fast Single Leg Carbon Tripod features FAST Twisting Lock technology for rapid deployment and adjustment.

- **Deploying Legs:** Unlock the FAST Twisting Locks on each leg and extend the legs to the desired height. The legs feature a 3-angle selection mechanism for versatile positioning.
- **Spiked Feet:** The tripod is equipped with spiked feet for firm grip on various terrains. Rubber overshoes are included for use on delicate surfaces.



Figure 2: Adjusting the leg angle of the Manfrotto 635 Fast Single Leg Carbon Tripod. This image shows a hand manipulating the leg angle mechanism, highlighting the flexibility in positioning the tripod.

3. Leveling the Video Head

The 504X video head features a flat base and new Manfrotto fluid technology for smooth operation.

- Use the integrated leveling ball to quickly achieve a perfectly horizontal camera platform, even on uneven ground.
- The fluid technology ensures smooth pan and tilt movements.

4. Attaching Your Camera

The video head includes a sliding plate attachment and side-lock mechanism for secure and quick camera mounting.

- Attach the sliding plate to the base of your camera.
- Slide the camera with the attached plate into the video head until the side-lock mechanism engages. Ensure it is securely locked.

5. Attaching Accessories

The 504X video head features two 3/8" Easy Link connectors with an anti-rotation function.

- These connectors allow for the attachment of external monitors, lights, or other accessories.
- The anti-rotation function prevents accessories from twisting during use.

OPERATING INSTRUCTIONS

1. Pan and Tilt Movements

The fluid video head provides precise control over camera movements.

- Use the pan bar to smoothly control horizontal (pan) and vertical (tilt) camera movements.
- The fluid technology ensures judder-free motion.

2. Counterbalance System

The 504X video head features a 4-step counterbalance system.

- Adjust the counterbalance setting to match the weight and center of gravity of your camera setup. This ensures optimal balance and prevents accidental tilting.
- The system supports loads up to 14.3 lbs at 55 mm C.O.G.

MAINTENANCE

- **Cleaning:** Wipe down the tripod and video head with a soft, dry cloth after each use. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals.
- **Storage:** Store the tripod system in its padded carrying bag in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws, levers, and locks for tightness and proper function. Do not overtighten.

TROUBLESHOOTING

- **Unstable Setup:** Ensure all leg locks are fully engaged and the tripod legs are spread to a stable angle. Verify the leveling ball is tightened.
- **Jerky Pan/Tilt Movements:** Check the fluid drag settings on the video head. Ensure the counterbalance is correctly set for your camera's weight.
- **Camera Not Secure:** Re-check that the sliding plate is properly attached to the camera and the side-lock mechanism on the video head is fully engaged.

SPECIFICATIONS

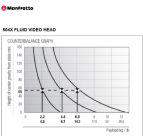



- **Product Dimensions:** 41 x 9.5 x 9.25 inches
- **Item Weight:** 16.57 pounds
- **Material:** Aluminum, Carbon Fiber, Rubber
- **Weight Limit:** 26.4 Pounds
- **Maximum Height:** 63.78 Inches
- **Folded Size:** 37.4 x 5.1 x 5.1 inches
- **Tripod Head Type:** Pan Heads
- **Leg Diameter:** 1.041 inches
- **Compatible Devices:** Camera
- **Color:** Black



WARRANTY AND SUPPORT

Your Manfrotto 504X Fluid Video Head with 635 Fast Single Leg Carbon Tripod comes with a 6 Months Limited Warranty. You can extend this warranty by an additional 4 years and 6 months (total 5 years) by registering your product.

For further support or warranty claims, please visit the official Manfrotto website or contact their customer service.

Related Documents - 504X

	<p>Manfrotto 504X Fluid Video Head Counterbalance Graph</p> <p>A counterbalance graph for the Manfrotto 504X Fluid Video Head, illustrating the relationship between the height of the center of gravity from the plate and the payload in kg/lb.</p>
	<p>Manfrotto MVH500A & MVH500AH Fluid Head - Instructions and Specifications</p> <p>Comprehensive instructions and specifications for the Manfrotto MVH500A and MVH500AH lightweight fluid heads. Learn about setup, camera mounting, balancing, usage, and accessory attachment for these professional camera support systems.</p>
	<p>Manfrotto MVH500XAH Fluid Head: Instructions, Specifications, and Safety</p> <p>Comprehensive instructions and specifications for the Manfrotto MVH500XAH fluid head. This guide covers setup, operation, balancing, safety precautions, maintenance, and warranty information for professional photography and videography.</p>
	<p>Manfrotto Befree Advanced MKBFRLA4FB-BH Tripod Instructions</p> <p>This document provides comprehensive instructions for setting up, using, and maintaining the Manfrotto Befree Advanced MKBFRLA4FB-BH tripod. Designed for advanced travel photographers, it offers portability and stability for mirrorless and medium format DSLR cameras.</p>

	<p>Manfrotto MHXPRO-3W XPRO Geared Tripod Head Instructions</p> <p>Detailed instructions and setup guide for the Manfrotto MHXPRO-3W XPRO Geared Three-way Pan/tilt Tripod Head, covering assembly, usage, and storage.</p>
	<p>Manfrotto Befree GT Series Tripod - Setup, Features, and Maintenance Guide</p> <p>Comprehensive guide for the Manfrotto Befree GT series tripod (MTBFRTA4GTFB, MTBFRTC4GTFB). Learn how to set up, adjust leg angles, invert the center column, attach accessories, fold, transport, and maintain your tripod for optimal performance.</p>