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Manfrotto Pro Light Multiloader

Manfrotto PRO Light Multiloader M Professional Photographic Backpack

Instruction Manual

1. Introduction and Overview

The Manfrotto PRO Light Multiloader Camera Backpack is engineered for professional photographers and filmmakers, offering superior equipment protection and versatile functionality. This backpack integrates the innovative M-Guard Protection System and SAS-TEC memory foam for enhanced impact resistance. Designed for adaptability, it features multiple access points and carrying configurations to suit diverse workflows and environments.



Figure 1: Front view of the Manfrotto PRO Light Multiloader M backpack.



Figure 2: The backpack displayed alongside various camera equipment, illustrating its capacity.

2. Key Features

- **4 Convenient Access Points:** Front access to the entire compartment, two side openings for quick changes, and superior access from the top for frequently used equipment.
- **M-Guard Protection System:** High-density EVA foam dividers and SAS-TEC viscoelastic memory foam base provide maximum protection and impact resistance.
- **3 Versatile Carrying Configurations:** Can be worn as a traditional backpack, a shoulder bag, or a duffle bag.
- **Multiple Tripod Attachments:** Side attachment for full-size tripods (up to 055 series) and front attachment for monopods or small lighting stands.
- **Comfortable and Durable Design:** Adjustable chest harness, double chest strap, padded belt, and molded EVA mesh panel for breathability. Constructed from RipStop nylon/water repellent polyester with Duraflex hardware.
- **Integrated Laptop Compartment:** Dedicated space for a 15-inch laptop.
- **DuoFace Sun and Rain Cover:** Provides protection against moisture and heat.

3. Setup

3.1 Internal Organization with M-Guard Dividers

The backpack features customizable M-Guard dividers made from high-density EVA foam. These dividers can be rearranged using their hook-and-loop fasteners to create compartments that perfectly fit your camera body, lenses, and accessories, ensuring optimal protection and organization.

1. Open the main front compartment of the backpack.
2. Detach the pre-configured M-Guard dividers by gently pulling them away from the interior walls.
3. Arrange your equipment within the main compartment.
4. Place the dividers around your gear, pressing the hook-and-loop fasteners firmly against the interior fabric to secure them. Ensure a snug fit to prevent movement during transport.



Figure 3: Main compartment with customizable M-Guard dividers.

3.2 Harness System Adjustment

For comfortable carrying, adjust the harness system to fit your body. The molded EVA mesh panel promotes breathability, reducing sweat buildup.

1. Put on the backpack and adjust the shoulder straps for a comfortable fit.
2. Fasten the adjustable chest strap across your sternum and tighten it to distribute weight.
3. Secure the padded waist belt around your hips and tighten it to transfer weight from your shoulders to your hips.



Figure 4: Ergonomic back panel and harness system.

4. Operating the Backpack

4.1 Access Points

The PRO Light Multiloader offers four distinct access points for quick and convenient retrieval of your gear:

- **Front Opening:** Provides full access to the main padded camera compartment for organizing or retrieving larger items.
- **Side Openings (x2):** Located on each side, these allow rapid access to cameras or lenses positioned strategically for quick shots.
- **Top Opening:** Ideal for grabbing your most frequently used camera or lens without fully opening the main compartment.



Figure 5: Side access point for quick gear retrieval.

4.2 Carrying Configurations

Adapt your carrying style based on your activity and comfort needs:

- **Backpack Mode:** Use both shoulder straps and the chest/waist belts for long-term comfort and weight distribution.
- **Shoulder Bag Mode:** Detach one shoulder strap and use the remaining strap diagonally across your body for quick access while shooting.
- **Duffle Bag Mode:** Stow away the shoulder straps and use the top handle for easy transport, ideal for travel or moving between locations.

4.3 Tripod and Monopod Attachment

Securely attach your support equipment to the exterior of the backpack:

- **Side Attachment:** Utilize the dedicated side straps and pocket to secure a full-size tripod (up to the 055 series).
- **Front Attachment:** Use the front straps to carry monopods or small lighting stands.



Figure 6: Front tripod attachment system.



Figure 7: Side tripod attachment system.

5. Maintenance

5.1 Cleaning Instructions

To maintain the longevity and appearance of your backpack:

- Wipe down the exterior with a damp cloth and mild soap. Avoid harsh chemicals.
- For interior cleaning, remove all dividers and gently vacuum or brush away dust and debris. Spot clean with a damp cloth if necessary.
- Ensure the backpack is completely dry before storing to prevent mold or mildew.

5.2 Weather Resistance

The backpack is constructed from RipStop nylon and water-repellent polyester. For extreme weather conditions, deploy the included DuoFace sun and rain cover:

1. Locate the DuoFace cover, typically stored in a dedicated pocket.
2. Unfold the cover and stretch it over the entire backpack, ensuring all sides are protected.
3. The silver side of the cover can be used to reflect sun and heat, while the black side provides rain protection.

6. Troubleshooting

If you encounter any issues with your Manfrotto PRO Light Multiloader M backpack, please consider the following:

- **Strap Discomfort:** Ensure all shoulder, chest, and waist straps are properly adjusted and tightened to distribute weight evenly. Refer to Section 3.2.
- **Equipment Not Fitting:** Reconfigure the M-Guard dividers to create custom compartments that snugly fit your gear. Refer to Section 3.1.
- **Zippers Sticking:** Apply a small amount of zipper lubricant or graphite to the zipper teeth and gently work the zipper back and forth.
- **Water Penetration:** Ensure the DuoFace rain cover is correctly deployed and all zippers are fully closed.

If problems persist, please contact Manfrotto customer support.

7. Specifications

Feature	Detail
Product Dimensions	21.26 x 13.98 x 10.24 inches
Item Weight	4.75 pounds (2.16 Kilograms)
Item Model Number	Pro Light Multiloader
Capacity Total	31.75 Liters
Material	RipStop Nylon / Water Repellent Polyester
Protection System	M-Guard, SAS-TEC
Laptop Compatibility	15-inch
Manufacturer	Manfrotto

8. Warranty and Support

Manfrotto products are designed for quality and durability. For specific warranty details and to register your product, please visit the official Manfrotto website or refer to the warranty card included with your purchase.

For technical support, troubleshooting assistance, or spare parts, please contact Manfrotto Customer Service through their official website or the contact information provided in your product documentation.

Always ensure you are using genuine Manfrotto accessories and parts to maintain product performance and warranty validity.

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