The skills of the world's best photographers and video operators are brought together by Manfrotto in an innovative on-line platform.

Featuring:
Harry De Zitter,
Bill Frakes,
Joe McNally,
Drew Gurthie,
Roberto Bigano,
Ami Elsius,
Marc de Tollenaere,
Kirstof Platon,
David Duchemin,
Mike Marquardt,
Uri Golman,
Adam Barker,
Sébastien Devaud,
Kazuyuki Okajima and many others.

manfrottoschoolofexcellence.com

Manfrotto Video Supports

manfrotto.com
Technological evolution is profoundly changing videography. Camcorder performance improves, even as camcorders themselves shrink in size and become more affordable; meanwhile, the latest HDSLRs combine top quality video with proven photographic capabilities. As a result, more and more new users are picking up cameras, joining our world and producing fantastic results.

HDSLR cameras and the latest interchangeable lens camcorders make new demands of support and accessory equipment too, demands answered by Manfrotto Video Products. Manfrotto offer both traditional support systems and innovative alternative supports for video, all backed up by a complete range of accessories ranging from video camera and HDSLR remote controls to bags and carrying solutions.

This is an exciting time for us at Manfrotto: the increasing fusion of video and photo equipment and the crossover of users between the two worlds let us apply even more of our photographic sector experience, knowledge and leadership to videography. Collaborating with some of the greatest names in film and video, we’re developing the well-designed, high performance, top quality, innovative products that meet and exceed the expectations of our demanding expert users… and help set the pace of the evolution of technology.

We hope you’ll find the catalogue inspiring and useful.
For all the news that’s still too new to print, please visit
www.manfrotto.com

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To understand the icons, consult the key to symbols on the back page.
Video technology has changed radically in recent years, with a quick succession of ever lighter, more compact cameras launched. These cameras have in turn led to new ways of filming, allowing one-man units to produce results that only a few short years ago would have required a full crew.

**Video is moving to a new dimension, Bridging Technology™ heads help you cross over!**

The Bridging Technology™ range is a key element in Manfrotto’s response to these changes in the video sector. The ergonomic and technical characteristics of our Bridging Technology™ series are the result of our expertise in producing lightweight camera supports. The extended range offers ideal support across the full spectrum of “new” video cameras, providing a perfect match for the latest camcorders, HDSLRs and even 3D rigs, with each individual head designed and engineered to help videographers get the best possible results from HD camera equipment.
Bridging Technology™: an exclusive Manfrotto patent. The perfect synthesis of an innovative “bridge” structure and cutting-edge engineering.

Real fluid cartridges, longer sliding plates and inner ball-bearings ensure that all our Bridging Technology™ heads provide smoother shooting, better balance and more precise movement. Suitable for a wide range of cameras, Bridging Technology™ heads have maximum loads between 5kg and 12kg, and are also available in combination with a variety of aluminum or carbon fiber twin- or single-tube tripods.
1 Fluid cartridges for smooth movement and precise control
2 3/8” Easy Link connector to support external accessories
3 Wider platform for HD bodies and the sliding plate travel to balance the latest cameras with interchangeable lenses
4 An even more rigid structure for maximum precision and improved responsiveness
5 Counterbalance system ensures quick set-up and optimal performance
6 Ball Bearings for more precise, smooth movements
7 Lightweight modern materials for optimum balance of strength and size
8 ABR (Advanced Balancing Recorder) for precision when fixing equipment, ensuring a perfect position, saving time and making this operation much more efficient, accurate and fast
<table>
<thead>
<tr>
<th></th>
<th>MVH500AH</th>
<th>MVH500A</th>
<th>MVH502AH</th>
<th>MVH502A</th>
<th>504HD</th>
<th>509HD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fluidity PAN &amp; TILT</strong></td>
<td>Fixed Cartridges</td>
<td>Fixed Cartridges</td>
<td>Variable Fluid Cartridges</td>
<td>Variable Fluid Cartridges</td>
<td>Variable Fluid Cartridges</td>
<td>Variable Fluid Cartridges</td>
</tr>
<tr>
<td><strong>Counter-balance System</strong></td>
<td>Fixed</td>
<td>Fixed</td>
<td>Fixed</td>
<td>Fixed</td>
<td>4 steps</td>
<td>4 steps</td>
</tr>
<tr>
<td><strong>Flat base</strong></td>
<td>Flat base with 3/8&quot; female attachment</td>
<td>Flat base with 3/8&quot; female attachment</td>
<td>Flat base with 3/8&quot; female attachment</td>
<td>Flat base with 3/8&quot; female attachment</td>
<td>Flat base with 3/8&quot; female attachment</td>
<td>Flat base with 3/8&quot; female attachment</td>
</tr>
<tr>
<td><strong>Leveling bowl</strong></td>
<td>Ø 60mm</td>
<td>Ø 75mm</td>
<td>Ø 75mm</td>
<td>Ø 100mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ABR (Advanced Balancing Recorder)</strong></td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
<td>Available</td>
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<tr>
<td><strong>Counter-balance weight</strong></td>
<td>2,4kg - 5.3lb</td>
<td>2,4kg - 5.3lb</td>
<td>4kg - 8.8lb</td>
<td>4kg - 8.8lb</td>
<td>7,5kg - 16.5lb</td>
<td>8,5kg - 18.7lb</td>
</tr>
<tr>
<td><strong>Safety payload</strong></td>
<td>5kg - 11lb</td>
<td>5kg - 11lb</td>
<td>7kg - 15.4lb</td>
<td>7kg - 15.4lb</td>
<td>12kg - 26.5lb</td>
<td>9kg - 19.8lb</td>
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<tr>
<td><strong>Center of gravity</strong></td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>125</td>
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<tr>
<td><strong>Weight</strong></td>
<td>0,9kg - 2.1lb</td>
<td>1,1kg - 2.5lb</td>
<td>1,6kg - 3.6lb</td>
<td>1,8kg - 4lb</td>
<td>2,9kg - 6.4lb</td>
<td>3,9kg - 8.6lb</td>
</tr>
<tr>
<td><strong>Head height</strong></td>
<td>9,5cm - 3.7in</td>
<td>12,6cm - 5in</td>
<td>13cm - 5.1in</td>
<td>15cm - 5.9in</td>
<td>15,5cm - 6in</td>
<td>18cm - 7in</td>
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<tr>
<td><strong>Sliding plate</strong></td>
<td>500PLONG</td>
<td>500PLONG</td>
<td>504PLONG</td>
<td>504PLONG</td>
<td>504PLONG</td>
<td>509PLONG</td>
</tr>
<tr>
<td><strong>Easy Link connectors</strong></td>
<td>Available x 1</td>
<td>Available x 1</td>
<td>Available x 2</td>
<td>Available x 2</td>
<td>Available x 2</td>
<td>Available x 2</td>
</tr>
<tr>
<td><strong>Leveling bubble</strong></td>
<td>Available</td>
<td>Available</td>
<td>Available</td>
<td>Available</td>
<td>Available (illuminated)</td>
<td>Available (illuminated)</td>
</tr>
</tbody>
</table>
**MVH500A FLUID VIDEO HEAD - 60MM HALF BALL**

The new 500, which replaces the 701HDV, is a lightweight video head featuring a wider platform to accommodate both HDSLR and interchangeable lens camcorder, as well as a sliding plate that ensures the appropriate balance even when shooting with very long lenses. The 500, the entry level of the Bridging Technology™ series, ensures smooth shots and fine control of up to 5kg of equipment. Its brand new side lock allows fast, secure and easy camera attachment. It has one Easy Link 3/8” connector to allow an external monitor or other accessory equipment to be fitted. The MVH500A has a 60mm half ball video tripod mount.

**MVH500AH FLUID VIDEO HEAD - FLAT BASE**

Same characteristics as the MVH500A, but with a flat base mount with standard 3/8” thread. Ideal for tripod/slider/rig/crane application.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>MVH500A</th>
<th>MVH500AH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head base</td>
<td>60mm half ball (MVH500A) - Flat (MVH500AH)</td>
<td></td>
</tr>
<tr>
<td>Pan drag type</td>
<td>Fixed fluid cartridge</td>
<td>Fixed fluid cartridge</td>
</tr>
<tr>
<td>Tilt drag type</td>
<td>Fixed fluid cartridge</td>
<td>Fixed fluid cartridge</td>
</tr>
<tr>
<td>Counterbalance weight</td>
<td>Fixed @ 2.4kg (5.3lb)</td>
<td>Fixed @ 2.4kg (5.3lb)</td>
</tr>
<tr>
<td>Safety payload</td>
<td>5kg (11lb)</td>
<td>4kg (9lb)</td>
</tr>
<tr>
<td>Leveling bubble</td>
<td>Available</td>
<td>Available</td>
</tr>
<tr>
<td>Pan bar</td>
<td>Available</td>
<td>Available</td>
</tr>
<tr>
<td>Pan bar attachment</td>
<td>Available on right and left sides</td>
<td>Available on right and left sides</td>
</tr>
<tr>
<td>Replaceable pan bar rosette</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Plate type</td>
<td>500PLONG Quick Release with Side Lock</td>
<td>500PLONG Quick Release with Side Lock</td>
</tr>
<tr>
<td>Plate travel</td>
<td>100mm (39in)</td>
<td>100mm (39in)</td>
</tr>
<tr>
<td>Plate attachment</td>
<td>3/8” and 1/4” camera screws + anti-rotation pin</td>
<td>3/8” and 1/4” camera screws + anti-rotation pin</td>
</tr>
<tr>
<td>Pan range</td>
<td>360°</td>
<td>360°</td>
</tr>
<tr>
<td>Tilt range</td>
<td>-70° to +90°</td>
<td>-70° to +90°</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20° C to +60° C</td>
<td>-20° C to +60° C</td>
</tr>
</tbody>
</table>
**MVH502A FLUID VIDEO HEAD - 75MM HALF BALL**

The 502 fluid head is designed for use with HDSLR cameras and latest interchangeable lens cameras. It offers professional features such as high-performance variable fluidity and a counterbalance system. The 502 supports up to 7kg cameras and accessories, with a counterbalance setting designed to match the weight of the most popular cameras and their accessories as external monitors, lights or microphones. The 502’s Easy Link attachment points mean that the weight of accessories can be supported directly by the head, rather than by the camera. The MVH502A has a 75mm half ball video tripod mount.

**MVH502AH FLUID VIDEO HEAD - FLAT BASE**

Same characteristics as the MVH502A, but with a flat base mount with standard 3/8” thread. Ideal for tripod/slider/rig/crane application.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head base</td>
<td>75mm half ball (MVH502A) - Flat (MVH502AH)</td>
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<tr>
<td>Pan drag type</td>
<td>Fixed fluid cartridge (from 0 to max level)</td>
</tr>
<tr>
<td>Tilt drag type</td>
<td>Fixed fluid cartridge (from 0 to max level)</td>
</tr>
<tr>
<td>Counterbalance weight</td>
<td>Fixed @ 4kg (8.8lb)</td>
</tr>
<tr>
<td>Safety payload</td>
<td>7kg (15.4lb)</td>
</tr>
<tr>
<td>Leveling bubble</td>
<td>Available</td>
</tr>
<tr>
<td>Pan bar</td>
<td>Available</td>
</tr>
<tr>
<td>Pan bar attachment</td>
<td>Available on right and left sides</td>
</tr>
<tr>
<td>Replaceable pan bar rosette</td>
<td>No</td>
</tr>
<tr>
<td>Plate type</td>
<td>504PLONG Quick Release</td>
</tr>
<tr>
<td>Plate travel</td>
<td>85mm (33.3in)</td>
</tr>
<tr>
<td>Plate attachment</td>
<td>3/8” and 1/4” camera screws + anti-rotation pin</td>
</tr>
<tr>
<td>Pan range</td>
<td>360°</td>
</tr>
<tr>
<td>Tilt range</td>
<td>-90° to +90°</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20° C to +60° C</td>
</tr>
</tbody>
</table>
MVK502AM-1 SYSTEM

- **Head**: MVH502A
- **Tripod**: Aluminum MVT502AM
- **Mid spreader**: Included
- **Bag**: Included

<table>
<thead>
<tr>
<th>Weight</th>
<th>4kg</th>
<th>7kg</th>
<th>4kg</th>
<th>4kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>8.8lb</td>
<td>15.4lb</td>
<td>8.8lb</td>
<td>8.8lb</td>
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</table>

<table>
<thead>
<tr>
<th>Height</th>
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<th>70.5cm</th>
<th>73cm</th>
<th>41cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
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<td>27.5in</td>
<td>29.5in</td>
<td>16in</td>
</tr>
</tbody>
</table>

MVK502C-1 SYSTEM

- **Head**: MVH502A
- **Tripod**: Carbon Fiber 535
- **Bag**: Included

<table>
<thead>
<tr>
<th>Weight</th>
<th>4kg</th>
<th>7kg</th>
<th>7kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>8.8lb</td>
<td>15.4lb</td>
<td>15.4lb</td>
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<table>
<thead>
<tr>
<th>Height</th>
<th>87.5cm</th>
<th>73cm</th>
<th>83cm</th>
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</thead>
<tbody>
<tr>
<td>Unit</td>
<td>34.5in</td>
<td>28.3in</td>
<td>32.7in</td>
</tr>
</tbody>
</table>

MVH502A, 546BK-1 SYSTEM

- **Head**: MVH502A
- **Tripod**: Aluminum 546B
- **Mid spreader**: Included
- **Bag**: Included

<table>
<thead>
<tr>
<th>Weight</th>
<th>4kg</th>
<th>7kg</th>
<th>83cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>8.8lb</td>
<td>15.4lb</td>
<td>32.7in</td>
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</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>41cm</th>
<th>164.5cm</th>
<th>44cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>16in</td>
<td>64.2in</td>
<td>17.2in</td>
</tr>
</tbody>
</table>

MVH502A, 546GB-1 SYSTEM

- **Head**: MVH502A
- **Tripod**: Aluminum 546GB
- **Spreader**: Included
- **Bag**: Included

<table>
<thead>
<tr>
<th>Weight</th>
<th>4kg</th>
<th>7kg</th>
<th>83cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>8.8lb</td>
<td>15.4lb</td>
<td>32.7in</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>44cm</th>
<th>168cm</th>
<th>44cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>17.2in</td>
<td>65.5in</td>
<td>17.2in</td>
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</table>
**504HD FLUID VIDEO HEAD - 75MM HALF BALL**

The compact 504HD combines high-performance variable fluidity with a wide variety of professional features, including a 4-step counterbalance system, ergonomic positioning of all knobs for tilt, drag and locking on the left side of the head, illuminated leveling bubble and replaceable pan-bar rosettes. The 504HD designed to support the latest generation of HD cameras weighing up to 12kg (26.5lb) and counterbalancing up to 7.5kg (16.5lb). The 504HD has a 75mm half ball video tripod mount.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head base</td>
<td>75mm half ball</td>
</tr>
<tr>
<td>Pan drag type</td>
<td>Fixed fluid cartridge (from 0 to max level)</td>
</tr>
<tr>
<td>Tilt drag type</td>
<td>Fixed fluid cartridge (from 0 to max level)</td>
</tr>
<tr>
<td>Counterbalance system</td>
<td>Variable 4 steps</td>
</tr>
<tr>
<td>Counterbalance weight</td>
<td>0 - 2.5 - 5 - 7.5kg (0 - 5.5 - 11 - 16.5lb)</td>
</tr>
<tr>
<td>Safety payload</td>
<td>12kg (26.5lb)</td>
</tr>
<tr>
<td>Leveling bubble</td>
<td>Available (illuminated with led)</td>
</tr>
<tr>
<td>Pan bar</td>
<td>Available (telescopic)</td>
</tr>
<tr>
<td>Pan bar attachment</td>
<td>Available on right and left sides</td>
</tr>
<tr>
<td>Replaceable pan bar rosette</td>
<td>Yes, on both sides</td>
</tr>
<tr>
<td>Plate type</td>
<td>504PLONG Quick Release</td>
</tr>
<tr>
<td>Plate travel</td>
<td>92mm (3.62in)</td>
</tr>
<tr>
<td>Plate attachment</td>
<td>3/8&quot; and 1/4&quot; camera screws + anti-rotation pin</td>
</tr>
<tr>
<td>Pan range</td>
<td>360°</td>
</tr>
<tr>
<td>Tilt range</td>
<td>-60° - +90°</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20° C - +60° C</td>
</tr>
</tbody>
</table>
504HD, 535K SYSTEM

- Head: 504HD
- Tripod: Carbon Fiber 535
- Bag: MBAG100PN

504HD, 536K SYSTEM

- Head: 504HD
- Tripod: Carbon Fiber 536
- Bag: MBAG100PN

504HD, 546BK SYSTEM

- Head: 504HD
- Tripod: Aluminum 546B
- Mid spreader: included
- Bag: MBAG100PN

504HD, 546GBK SYSTEM

- Head: 504HD
- Tripod: Aluminum 546G
- Spreader: included
- Bag: MBAG100PN
509HD PRO FLUID VIDEO HEAD - 100MM HALF BALL

The 509HD fluid head combines ergonomic design features with professional performance. To help you obtain incredibly smooth camera movements and great footage, the 509HD has variable fluid drag and a fast, precise, 4-step counterbalance system that makes it suitable for a wide range of semi-professional and professional camera setups. The 509HD’s patented Advanced Balancing Recorder (ABR) allows you to quickly find, store and recuperate the correct balance position of the plate when using a particular combination of equipment. The 509HD also features Easy Link connectors for accessory attachment, an illuminated leveling bubble and replaceable rosettes for pan bar attachment on both sides of the head. The 509HD has a 100mm half ball video tripod mount.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
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<tbody>
<tr>
<td>Head base</td>
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<tr>
<td>Pan drag type</td>
<td>Fixed fluid cartridge (from 0 to max level)</td>
</tr>
<tr>
<td>Tilt drag type</td>
<td>Fixed fluid cartridge (from 0 to max level)</td>
</tr>
<tr>
<td>Counterbalance system</td>
<td>Variable 4 steps</td>
</tr>
<tr>
<td>Counterbalance weight</td>
<td>0 - 2.8 - 5.6 - 8.5kg (0 - 6.2 - 12.3 - 18.7lb)</td>
</tr>
<tr>
<td>Safety payload</td>
<td>9kg (19.6lb)</td>
</tr>
<tr>
<td>Leveling bubble</td>
<td>Available (illuminated with led)</td>
</tr>
<tr>
<td>Pan bar</td>
<td>Available (telescopic)</td>
</tr>
<tr>
<td>Pan bar attachment</td>
<td>Available on right and left sides</td>
</tr>
<tr>
<td>Replaceable pan bar rosette</td>
<td>Yes, on both sides</td>
</tr>
<tr>
<td>Plate type</td>
<td>509PLONG Quick Release with ABR</td>
</tr>
<tr>
<td>Plate travel</td>
<td>72mm (28.1in)</td>
</tr>
<tr>
<td>Plate attachment</td>
<td>3/8&quot; and 1/4&quot; camera screws + anti-rotation pin</td>
</tr>
<tr>
<td>Pan range</td>
<td>360°</td>
</tr>
<tr>
<td>Tilt range</td>
<td>-60° - +90°</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20° C - +60° C</td>
</tr>
</tbody>
</table>

COUNTERBALANCE GRAPH

![COUNTERBALANCE GRAPH](image)

Pan drag control
Pan locking knob
Illuminated leveling knob
Tilt locking knob
Tilt drag knob
Sliding plate safety release button
Counterclockwise adjustment knob
2 Sliding quick release plate
3 Sliding quick release knob
4 Advanced Balancing Recorder
5 Easy Link - 3/8" thread connection

12.8kg - 28.1lb (@ 55 C.O.G.)
6.5kg - 14.7lb (@ 125 C.O.G.)
13.5kg - 30.0lb (@ 55 C.O.G.)
9.8kg - 21.6lb (@ 125 C.O.G.)
17.8cm - 7.0in
3.8kg - 8.4lb
The 526 is a professional, heavy-duty, fluid head aimed at high-end ENG and EFP, with a feature set designed to allow cameramen to work quickly and easily under pressure. For example, the 526’s large control knobs for tilt/pan lock and tilt drag are all located on the left side of the head for single-handed adjustment, and all the controls are rubber-padded for better grip. The 526 has a very precise fluid drag system with three drag level settings (low, medium and high, numbered 1, 2 and 3 respectively). Drag setting 0 switches off the drag for snap-pan/tilts. Counterbalance is via a continuously adjustable spring for different camera weights.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
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<td>Head base</td>
<td>100mm half ball</td>
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<tr>
<td>Pan drag type</td>
<td>0 plus - 3 steps</td>
</tr>
<tr>
<td>Tilt drag type</td>
<td>0 plus - 3 steps</td>
</tr>
<tr>
<td>Counterbalance system</td>
<td>Variable continuous</td>
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<tr>
<td>Counterbalance weight</td>
<td>8 - 15kg (17.6 - 33.1lb)</td>
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<tr>
<td>Safety payload</td>
<td>16kg (35.3lb)</td>
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<tr>
<td>Leveling bubble</td>
<td>Available</td>
</tr>
<tr>
<td>Pan bar</td>
<td>Available (telescopic)</td>
</tr>
<tr>
<td>Pan bar attachment</td>
<td>Available on right and left sides</td>
</tr>
<tr>
<td>Replaceable pan bar rosette</td>
<td>Yes, on both sides</td>
</tr>
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<td>Plate type</td>
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</tr>
<tr>
<td>Plate travel</td>
<td>80mm (31.5in)</td>
</tr>
<tr>
<td>Plate attachment</td>
<td>3/8” and 1/4” camera screws + anti-rotation pin</td>
</tr>
<tr>
<td>Pan range</td>
<td>360°</td>
</tr>
<tr>
<td>Tilt range</td>
<td>-70° + 75°</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20° C + 60° C</td>
</tr>
</tbody>
</table>

**COUNTERBALANCE GRAPH**

Minimum

Maximum

Payload kg / lb

526 PRO FLUID VIDEO HEAD - 100MM HALF BALL

[Diagram of the 526 fluid head with labeled parts: Pan locking knob, Pan drag control, Tilt locking knob, Tilt drag knob, Leveling bubble, Counterbalance adjustment knob, Sliding plate safety release button, Sliding quick release plate, Sliding quick release knob, Interchangeable pan bar rosette]
526, 536K SYSTEM

- **Head**: 526
- **Tripod**: Carbon Fiber 535
- **Bag**: MBAG100PN

526, 545BK SYSTEM

- **Head**: 526
- **Tripod**: Aluminium 545B
- **Mid spreader**: included
- **Bag**: MBAG100PN

526, 545GBK SYSTEM

- **Head**: 526
- **Tripod**: Aluminium / Steel 528XB
- **Mid spreader**: included
- **Bag**: MBAG100PN

526, 528XBK SYSTEM

- **Head**: 526
- **Tripod**: Aluminium / Steel 528XB
- **Mid spreader**: included
- **Bag**: MBAG120PN
TRIPODS

The Manfrotto video tripod range covers a wide variety of applications and user needs, offering both twin-leg and single-leg tripods, with traditional video half-bowl or flat-base head attachments, as well as hybrid video/photo innovations like the MDeVe leveling column. Our tripods are assembled from high-performance components made in carefully chosen raw materials such as carbon fiber, aluminum, magnesium and high-quality technopolymers. When choosing the right tripod, key factors to take into account include the camera setup you need to support and the video head you’ll be matching with the tripod, the specific application and environment in which your kit will be used, and characteristics such as compactness, extended height, weight and leg angle settings.

MDeVe tripods are where Manfrotto’s video know-how and our long experience in photography meet: our R&D team realized that video supports could benefit from some of the main advantages of photo tripods. They took the lightweight, torsion-resistant, single carbon/aluminum tube leg structure of the photo tripod, with its easily extensible center column, and built a new video-ready 50mm half ball leveling system at the top of the center column. Locked and unlocked via the (detachable) rotating grip at the bottom of the column, the MDeVe system allows the operator to level the camera without needing to make micro adjustments to each individual tripod leg. The result is a tripod that’s as quick to set up as a true photo tripod, but has the fine leveling and torsion resistance demanded by video. MDeVe tripods are ideally suited to use with lightweight camera equipment and in situations where set-up speed is of the essence.

- Center column with built-in 50mm half ball locked using the rotating grip located at the bottom of the center column. Tilt range: +15°/-15°.
- Single tube leg profile made of round-section aluminum or carbon fiber.
- Four different leg angle settings.
- Quick action lever leg lock system (45° run).
- Rubber feet.
**755CX3 MDEVE MAGFIBER VIDEO TRIPOD**

Two-stage tripod with a perfect combination of low weight and high load capacity that comes from the use of carbon fiber and magnesium in its construction.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>755CX3</th>
<th>755XB</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight</strong></td>
<td>7kg</td>
<td>7kg</td>
</tr>
<tr>
<td><strong>Weight (lb)</strong></td>
<td>15.4lb</td>
<td>15.4lb</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>63.5cm</td>
<td>63.5cm</td>
</tr>
<tr>
<td><strong>Height (in)</strong></td>
<td>25in</td>
<td>25in</td>
</tr>
<tr>
<td><strong>Folded Height</strong></td>
<td>46.5cm</td>
<td>41.5cm</td>
</tr>
<tr>
<td><strong>Folded Height (in)</strong></td>
<td>18.3in</td>
<td>16.3in</td>
</tr>
<tr>
<td><strong>Compact Length</strong></td>
<td>139cm</td>
<td>140.5cm</td>
</tr>
<tr>
<td><strong>Compact Length (in)</strong></td>
<td>54.7in</td>
<td>55.3in</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.9kg</td>
<td>2.5kg</td>
</tr>
<tr>
<td><strong>Weight (lb)</strong></td>
<td>4.2lb</td>
<td>5.5lb</td>
</tr>
<tr>
<td><strong>Extension</strong></td>
<td>164mm</td>
<td>165mm</td>
</tr>
<tr>
<td><strong>Extension (in)</strong></td>
<td>64.6in</td>
<td>65in</td>
</tr>
<tr>
<td><strong>Max Load</strong></td>
<td>7kg</td>
<td>1.2kg</td>
</tr>
<tr>
<td><strong>Max Load (lb)</strong></td>
<td>15.4lb</td>
<td>2.6lb</td>
</tr>
<tr>
<td><strong>Max Height</strong></td>
<td>139cm</td>
<td>124.5cm</td>
</tr>
<tr>
<td><strong>Max Height (in)</strong></td>
<td>54.7in</td>
<td>49.2in</td>
</tr>
<tr>
<td><strong>Max Weight</strong></td>
<td>2.5kg</td>
<td>1.2kg</td>
</tr>
<tr>
<td><strong>Max Weight (lb)</strong></td>
<td>5.5lb</td>
<td>2.6lb</td>
</tr>
<tr>
<td><strong>Max Extension</strong></td>
<td>165mm</td>
<td>124.5cm</td>
</tr>
<tr>
<td><strong>Max Extension (in)</strong></td>
<td>65in</td>
<td>49.2in</td>
</tr>
</tbody>
</table>

**TECHNICAL SPECIFICATIONS 755CX3**
- **Head attachment**: 50mm leveling flat base with 3/8” screw + extendible center column
- **Leveling bubble**: Yes
- **Locking type**: Lever locks
- **Leg angle setting**: By leg selector
- **Leg angle**: 4 steps (23° - 47° - 66° - 89°)
- **Included spike foot shoes**: No

**TECHNICAL SPECIFICATIONS 755XB**
- **Head attachment**: 50mm leveling flat base with 3/8” screw + extendible center column
- **Leveling bubble**: Yes
- **Locking type**: Lever locks
- **Leg angle setting**: By leg selector
- **Leg angle**: 4 steps (23° - 45° - 65° - 88°)
- **Included spike foot shoes**: No

**755XB MDEVE ALUMINUM VIDEO TRIPOD**

Designed to withstand rugged use and to support professional lightweight camcorders, the 755XB is an extremely versatile tripod. Entirely made from aluminum.
**MPRO** tripods unite performance and functionality. A torsion rigidity superior to that of equivalent aluminum twin-strut tripods, an MPRO tripod offers better protection against “backlash” effects at the end of pan movements. Special carbon fiber tubing and aluminum with a torsional rigidity castings also bring notable weight savings to the MPRO range. This makes them easy to carry and transport. Another feature worth pointing out is that MPRO tripods also offer incredibly versatile and speedy height adjustment anywhere, without needing any accessories.

75mm bowl (535 version only).

75/100mm screw-in adaptor (536 version only) to hold the different industry standard half-ball heads.

High-performance Carbon fiber tubes. Lightweight and resistant magnesium die castings.

Ergonomic leg angle selector for a quick, easy and precise angle adjustment.

Quick action ergonomic leg locks.

Retractable spiked feet for in and outdoor use.
The 4-section, single tube 536 video tripod is incredibly stable, even though it offers a very high load capacity and a very tall maximum height. Despite its open height, it’s compact when folded. The single tube structure makes it light in weight, ergonomic and easy-to-use. Features our new leg angle selector, developed for quick, easy and precise independent leg angle adjustments.

The half-bowl attachment fits industry-standard 75mm or 100mm half ball heads; an adaptor is supplied to switch between the two sizes.

535 MPRO CARBON FIBER 2-STAGE VIDEO TRIPOD
The 3-section, single-tube 535 video tripod offers great stability, high load capacity and a very useful maximum height. Ergonomic, easy-to-use and compact, it has a 75mm half bowl for compatibility with mid-range video heads. Leg tubes are in carbon fiber, while die castings are in magnesium to keep weight low and performance high. In addition, the 535 has a new leg angle selector, developed for quick, easy and precise independent leg angle adjustments.

20kg  44.1lb
73.5cm  28.9in
27cm 10.6in
171cm 67.3in
2.3kg 5.1lb

536 MPRO CARBON FIBER 3-STAGE VIDEO TRIPOD
The 4-section, single tube 536 video tripod is incredibly stable, even though it offers a very high load capacity and a very tall maximum height. Despite its open height, it’s compact when folded. The single tube structure makes it light in weight, ergonomic and easy-to-use. Features our new leg angle selector, developed for quick, easy and precise independent leg angle adjustments. The half-bowl attachment fits industry-standard 75mm or 100mm half ball heads; an adaptor is supplied to switch between the two sizes.

25kg  55.1lb
72cm  28.3in
26cm  10.2in
203cm 79.9in
3.3kg 7.3lb

535 TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head attachment</td>
<td>75mm bowl</td>
</tr>
<tr>
<td>Leveling bubble</td>
<td>No</td>
</tr>
<tr>
<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
<td>By leg selector</td>
</tr>
<tr>
<td>Leg angle</td>
<td>3 steps (23° - 50° - 70°)</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>No</td>
</tr>
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</table>

536 TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head attachment</td>
<td>75/100mm bowl</td>
</tr>
<tr>
<td>Leveling bubble</td>
<td>No</td>
</tr>
<tr>
<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
<td>By leg selector</td>
</tr>
<tr>
<td>Leg angle</td>
<td>3 steps (23° - 50° - 70°)</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>No</td>
</tr>
</tbody>
</table>
TELESCOPIC TWIN LEG SYSTEMS The new MVT502AM is a lightweight video tripod built with innovative telescopic twin elliptic tube legs. The two-stage structure makes the tripod more compact and more stable. As a result, the MVT502AM is a perfect solution for those looking for a tripod that offers transportability without sacrificing performance.

Made of elliptic aluminum tubes, our new telescopic leg is the product of extensive research into lightweight applications; it allows the tripod to be extra stable.

New innovative design reduces the weight of the system without any loss in performance.

The two-stage telescopic legs reduce the size of the tripod when folded.

For easier and safer transportation.

Thanks to the improved clamping mechanism, the new higher spreader allows the tripod to be set up faster and easier.

The 75mm bowl guarantees the perfect position can be achieved at any angle between -15° and +15°.

New leg locking system with ergonomic levers enables the easy locking of the elliptic telescopic tubing in any position.
The MVT502AM is a two-stage tripod for lightweight applications. Its telescopic-twin legs are made of elliptical aluminum tubes that help reduce torsion and give the tripod a good balance of high performance and reduced weight. Other features include a fixed mid-level spreader for increased rigidity and faster set-up, a rubber strap for safer, easier transportation, and new high-grip soft rubber feet. The MVT502AM's 75mm half-bowl matches mid-range Manfrotto video heads.

**TECHNICAL SPECIFICATIONS MVT502AM**

<table>
<thead>
<tr>
<th>Feature</th>
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<tbody>
<tr>
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<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
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<tr>
<td>Leg angle</td>
<td>19°</td>
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<tr>
<td>Included mid spreader</td>
<td>Yes</td>
</tr>
<tr>
<td>Included ground spreader</td>
<td>No</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Dimensions**

- **Weight**: 19kg (33.1lb)
- **Folded height**: 61.5cm (24.2in)
- **Height**: 143.5cm (56.5in)
- **Extension**: 57cm (22.4in)
- **Foot diameter**: 1.95kg (4.3lb)
The **PRO** series fits neatly into the PRO range of video tripods: it has an aluminum top casting allowing it to be used with our professional half-ball video heads with Ø 100mm or 75mm fittings; its aluminum twin-strut legs feature adjustable locking levers that can be tension-set to guarantee complete locking power even after years of use and wear; the spiked feet with removable rubber shoes are suitable for any surface from smooth, delicate floors to uneven ground.

- **Built-in half bowl (Ø 100mm or 75mm)**
- **Mid or ground spreader for improved tripod stability.**
- **Spreader length regulation.**
- **New spreader attachment.**
- **Rubber shoes guarantee a better grip on smooth floors.**
- **Newly redesigned collars, integrated in the overall product ergonomics for improved rigidity.**
**545B PRO HEAVY-DUTY VIDEO TRIPOD**

Two-stage, extremely rigid, professional video tripod. Able to carry loads up to 25kg (55.1lb). The 545B has a die cast aluminum crown with a 100mm half-bowl (code 319 is available as accessory to convert it to 75mm). The 545’s leg locks are secure and reliable, and spiked feet with rubber overshoes are provided for solid grounding on both uneven terrain and smooth floors. The tripod can be used with various dollies. The 545B has a telescopic mid-level spreader to help set leg angles accurately.

**TECHNICAL SPECIFICATIONS 545B**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
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<td>Head attachment</td>
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<td>Leveling bubble</td>
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</tr>
<tr>
<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
<td>By mid spreader</td>
</tr>
<tr>
<td>Leg angle</td>
<td>From 30° to 66°</td>
</tr>
<tr>
<td>Included mid spreader</td>
<td>Yes</td>
</tr>
<tr>
<td>Included ground spreader</td>
<td>No</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**545GB PRO HEAVY-DUTY VIDEO TRIPOD**

The 545GB is the same as the 545B, except that it has a telescopic ground-level spreader instead of a mid-level spreader.

**TECHNICAL SPECIFICATIONS 545GB**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head attachment</td>
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<tr>
<td>Leveling bubble</td>
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<tr>
<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
<td>By ground spreader</td>
</tr>
<tr>
<td>Leg angle</td>
<td>From 29° to 63°</td>
</tr>
<tr>
<td>Included mid spreader</td>
<td>No</td>
</tr>
<tr>
<td>Included ground spreader</td>
<td>Yes</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>No</td>
</tr>
</tbody>
</table>
The 546GB is the same as the 546B, except that it has a telescopic ground-level spreader instead of a mid-level spreader.

**546B PRO VIDEO TRIPOD**

Two-stage, extremely rigid, professional video tripod, able to carry loads up to 20kg (44lb). The 546B has a die cast aluminum crown with a built-in 75mm bowl. Leg locks are secure and reliable, and spiked feet with rubber overshoes are provided for solid grounding on both uneven terrain and smooth floors. The tripod can be used with various dollies.

The 546B has a telescopic mid-level spreader to help set leg angles accurately.

**TECHNICAL SPECIFICATIONS 546B**

<table>
<thead>
<tr>
<th>Head attachment</th>
<th>75mm bowl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leveling bubble</td>
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</tr>
<tr>
<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
<td>By mid spreader</td>
</tr>
<tr>
<td>Leg angle</td>
<td>From 30° to 66°</td>
</tr>
<tr>
<td>Included mid spreader</td>
<td>Yes</td>
</tr>
<tr>
<td>Included ground spreader</td>
<td>No</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>Yes</td>
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</table>

<table>
<thead>
<tr>
<th>Head attachment</th>
<th>75mm bowl</th>
</tr>
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<tbody>
<tr>
<td>Leveling bubble</td>
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</tr>
<tr>
<td>Locking type</td>
<td>Lever locks</td>
</tr>
<tr>
<td>Leg angle setting</td>
<td>By ground spreader</td>
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<tr>
<td>Leg angle</td>
<td>From 29° to 63°</td>
</tr>
<tr>
<td>Included mid spreader</td>
<td>No</td>
</tr>
<tr>
<td>Included ground spreader</td>
<td>Yes</td>
</tr>
<tr>
<td>Included spike foot shoes</td>
<td>No</td>
</tr>
</tbody>
</table>
The 528XB is the ideal location tripod, with a massive 50kg (110.2lb) load capacity. Tubes are made of stainless steel for strength under heavy loads, and aluminum for reducing the weight. The leg spread is fully adjustable, but also incorporates a 30° locked position for faster set up and greater strength. The 528XB includes a versatile mid-level spreader, which has telescopic “ratchet” braces that click into place in each of the preset positions for faster deployment. Each brace can be individually set, allowing each tripod leg to be separately positioned.

<table>
<thead>
<tr>
<th>528XB PRO HEAVY VIDEO TRIPOD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Head attachment</strong></td>
</tr>
<tr>
<td><strong>Leveling bubble</strong></td>
</tr>
<tr>
<td><strong>Locking type</strong></td>
</tr>
<tr>
<td><strong>Leg angle setting</strong></td>
</tr>
<tr>
<td><strong>Leg angle</strong></td>
</tr>
<tr>
<td><strong>Included mid spreader</strong></td>
</tr>
<tr>
<td><strong>Included ground spreader</strong></td>
</tr>
<tr>
<td><strong>Included spike foot shoes</strong></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>117B PRO VIDEO TRIPOD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Head attachment</strong></td>
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<td><strong>Leveling bubble</strong></td>
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<tr>
<td><strong>Locking type</strong></td>
</tr>
<tr>
<td><strong>Leg angle setting</strong></td>
</tr>
<tr>
<td><strong>Leg angle</strong></td>
</tr>
<tr>
<td><strong>Included mid spreader</strong></td>
</tr>
<tr>
<td><strong>Included ground spreader</strong></td>
</tr>
<tr>
<td><strong>Included spike foot shoes</strong></td>
</tr>
</tbody>
</table>
When shooting space is limited, when the amount and weight of equipment has to be kept to a minimum, or when set-up speed is of primary importance, a monopod is often the best solution to helping support a video camera and reduce camera shake. Monopods combine flexibility with high performance and fluidity, and can be useful in a vast range of situations and locations, many of which would be unsuitable for a tripod.

**FLUID MONOPODS** are a Manfrotto world-first; a patented system designed to help videographers obtain superior image quality from the kind of fluid camera movements unachievable with a standard monopod. An innovative fluid cartridge is incorporated in the base of the monopod to make panoramic rotations of the camera as smooth and judder-free as possible. The monopod base also has three retractable feet, which give a firmer footing, helping to keep the camera stable and reduce unwanted tilt.

![Monopod with Fluid Cartridge](image)

The key feature of this monopod family is the fluid cartridge incorporated into the base that gives you an incredibly smooth panning action.

![Retractable Feet](image)

The three retractable feet ensure a firm footing and a great compactness while folded.

**MVM500A FLUID VIDEO MONOPOD WITH 500 HEAD**

The MVM500A is a fluid monopod with a specially adapted 500 video head attached. Combining the flexibility, reduced weight and innovative fluid pan cartridge of the monopod with the features of the head – its counterbalance system, tilt fluidity and locking, fast and secure side lock plate system, accessory Easy Link and pan bar – helps you get better footage from your camera than you would have thought possible with a monopod. Supplied with retractable feet.
**560B-1 FLUID VIDEO MONOPOD**

Compact and lightweight 4-section aluminum monopod with a fluid pan cartridge and a quick release tilt top with lock knob at the top gives you more flexible shooting angles and faster camera attachment without sacrificing the compactness of the monopod. Supplied with retractable feet.

<table>
<thead>
<tr>
<th>2kg</th>
<th>65.5cm</th>
<th>166cm</th>
<th>0.9kg</th>
<th>200PL-14</th>
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<tbody>
<tr>
<td>4.4lb</td>
<td>25in</td>
<td>64.7in</td>
<td>1.9lb</td>
<td></td>
</tr>
</tbody>
</table>

**562B-1 FLUID VIDEO MONOPOD**

The 562B is a compact and high 4-section aluminum fluid monopod equipped with a 357PLV sliding camera plate adapter to adjust the camera’s center of balance. This fluid monopod is ideal for camcorders up to 8kg (17.6lb). Supplied with retractable feet.

<table>
<thead>
<tr>
<th>8kg</th>
<th>69cm</th>
<th>193cm</th>
<th>1.4kg</th>
<th>357PLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.6lb</td>
<td>26.9in</td>
<td>75.3in</td>
<td>3.2lb</td>
<td></td>
</tr>
</tbody>
</table>
Hybrid DSLR cameras and ever-smaller, lighter camcorders with interchangeable lens offer many advantages and opportunities, but also bring new problems to solve: much of the latest camera equipment doesn’t have the ergonomic form needed for steady shoulder-mounted or hand-held footage. Sympla is Manfrotto’s solution to those problems: a modular video rig system that extends and complements new cameras, allows for stable support and framing, and supports essential accessories. Offering versatility and high performance as well as comfort and safety, Sympla is designed to be much easier and faster set up than other solutions. Every component and assembly can be changed easily and fine-tuned quickly without any tool, giving you whatever you need to get the shot, the second you need it. Everything at your fingertip.

One of the key advantages of Sympla is its full compatibility with our video remote control or the revolutionary range of HDSLRs camera remotes. The remotes fit Sympla handgrips, allowing precise control of framing and camera functions without moving your hands from the grip or your eyes from the viewfinder, helping you capture stable, usable, creative footage. And Sympla can quickly be extended: whether you start from one of our kits, or from single components, you can quickly build the exact rig you need for the shot.
MVA511WK-1 SHOULDER MOUNTED RIG

This rig allows support of camera equipment on your shoulder, with swivel-joint handles for perfect control and flexibility. The Shoulder Mounted Rig is ideal for use with HDSLRs and interchangeable lens camcorders, featuring fast camera connection thanks to the sliding plate with quick release. The Variable Plate is one of the most important component of the rig. This element permits to quickly adjust the position of the camera in combination with all the other accessories used, as the mattebox. The video equipment, such as HDSLR or Camcorder, can be easily controlled accessorizing this rig with the new HDSLR Remote Controls (ref. MVR911ECCN pag. 46 and MVR911EJCN pag.48). They put camera functions at your fingertips while letting you keep a firm grip on both handles.

Kit comprises: Shoulder Mount, Shoulder Pad, 300mm Rods (4), Variable Plate, 160mm H-Offset, Adjustable Handles, Spacers for handles (2), Clips (2), Rod Connectors (2), Light Counterweight, Spacer for Counterweight with adaptor.

We recommend: Mattebox MVA512W, Clamp On HDSLR Remote Control MVR911ECCN Joystick HDSLR Remote Control MVR911EJCN.
This rig, is the Manfrotto lightweight solution that allows support of camera equipment on your shoulder, with swivel-joint handles for perfect control and flexibility. The Lightweight Shoulder Mounted Rig is ideal for use with latest HDSLRs, featuring fast camera connection thanks to RC2 quick release plate. The camera and its lens can be easily controlled accessorizing this rig with the new HDSLR Remote Controls (ref. MVR911ECCN pag. 46 and MVR911EJCN pag. 48). They put camera functions at your fingertips while letting you keep a firm grip on both handles.

Kit comprises: Shoulder Mount, Shoulder Pad, 300mm Rods (2), 150mm Rods (2), RC2 Mount, 80mm H-Offset, Adjustable Handles, Spacers for handles (2), Clips (2), Rod Connectors (2), Light Counterweight, Spacer for Counterweight with adaptor.

We recommend: Clamp On HDSLR Remote Control MVR911ECCN Joystick HDSLR Remote Control MVR911EJCN.

**MVA525WK LIGHTWEIGHT SHOULDER MOUNTED RIG**
MVA512WK-1 FLEXIBLE MATTEBOX SYSTEM

The multi-purpose Flexible Mattebox holds 4x4" filters and protects the lens from stray light, while also permitting fast lens changes. The included Variable Plate component, with its vertical and lateral micro-adjusters, allows easy and precise alignment of the lens with the Flexible Mattebox. Compatible with all Manfrotto Video Heads. Kit comprises: 300mm Rods (2), Sympla Flexible Mattebox, Sympla Variable Plate, Clips (2). We recommend: Lens Support, Remote Controls.
MVA513WK-1 LONG LENS SUPPORT SYSTEM

The Long Lens Support reduces the vibrations generated while shooting with long lenses and gives a rigid, stable platform for filming with any camera/lens combination. Compatible with all Manfrotto Video Heads.

Kit comprises: 300mm Rods (4), Sympla Variable Plate, Sympla Lens Support, Sympla Body Support, Sympla V-Offset, 150mm Rods (2) and Clips (2).

We recommend: Offset, Shoulder Pad, Adjustable Handles.
MVA515W VARIABLE PLATE

The Variable Plate allows precise, fast camera positioning on 3 axes of movement. The plate has a repositionable ratchet quick-lock for each axis, and an intuitive fingertip control for vertical and lateral geared micro-adjustments. The camera is held safely in place even before its position is locked down, allowing for single-handed adjustments and fine-tuning. The Variable Plate offers the versatility essential for alignment of different camera and lens combinations with the Sympla Flexible Mattebox, and for comfortable use of viewfinders and accessories. No tools are required for plate adjustments.

- Camera attachment: Manfrotto 504PLONG quick release video plate.
- Material: Aluminum
- Load Capacity: 5kg (11lb)
- Weight: 1.16kg (2.55lb)

MVA525W RC2 MOUNT

The RC2 mount is a lightweight solution in order to combine video equipment such as HDSLRs or light camcorders, with rail system. Thanks to its design, it is possible to adjust the operating height of the camera in two different positions, depending on the size of the body and the dimension of the lens. The RC2 quick release plate allows fast and secure connection between the camera and the rig.

- Camera attachment: Manfrotto RC2 quick release plate
- Material: Aluminum
- Load Capacity: 5kg (11lb)
- Weight: 0.96kg (2.12lb)

MVA513W FIXED PLATE

The Fixed Plate slides and holds the camera on Sympla rails for front-rear positioning. A single, easy to use repositionable ratchet lock blocks movement. No tools are required for plate adjustments.

- Camera attachment: Manfrotto 504PLONG quick release video plate.
- Accessory attachments: 2 x 3/8” Easy Link
- Underside: 2 x female 3/8” threads (for monopod, tripod or video head QR plate)
- Materials: durable aluminum and steel construction
- Load capacity: 5kg (11lb)
- Weight: 0.96kg (2.12lb)

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- Underside: 2 x female 3/8” threads (for monopod, tripod or video head QR plate)
- Materials: durable aluminum and steel construction
- Load capacity: 5kg (11lb)
- Weight: 1.16kg (2.55lb)
MVA518W ADJUSTABLE HANDLES
Sympla Adjustable Handles are fitted on a Universal Mount by two arms that can be angled independently. The handles are mounted on pivoting ball joints for easier adjustment: a twist of the single locking dial on each handle loosens or blocks all movement, allowing them to be rotated freely and quickly set at the exact position and angle required. The handles can be set in customary vertical or near-vertical positions, but also horizontally like motorbike handlebars. When a Sympla rig is mounted on a video head, the handles can be used as double pan bars. Thanks to the Universal Mount, the Adjustable Handles can be easily removed and inverted to the upside down configuration. The PVC-free Adjustable Handles are supplied with two metal spacers that can be fitted to lengthen the arms. The same spacers also adapt the handles for use with Manfrotto's clamp and joystick remote control units.

MVA523W-1 RODS - 150MM
A pair of 150mm (5.9") long Sympla rails, including 1/2"-13UNC screw junctions, with standard 15mm (0.59") diameter.

MVA520W-1 RODS - 300MM
A pair of 300mm (11.8") long Sympla rails, including 1/2"-13UNC screw junctions, with standard 15mm (0.59") diameter.
THE HOOD OPENS TO VARIOUS LENGTHS DEPENDING ON LIGHT AND LENS ANGLES

THE HOOD CAN SHIELD AGAINST GLARE FROM ANY SPECIFIC DIRECTION WITHOUT BLOCKING LIGHT FROM OTHER ANGLES
**MVA511W-1 PADDLED SHOULDER MOUNT**

The aluminum shoulder mount is assembled together with the Universal Mount in order to offer both, sturdy connection with the rods and lightness. The padding is developed to guarantee the best comfort and ergonomics in all Sympla configurations. A 3/8” thread is available to be used with a counterweight so the front-mounted load can be properly balanced. We recommend: Counterweight MVA521W, Light Counterweight MVA521L, Spacer for Counterweight MVA521.

**MVA521W COUNTERWEIGHT**

Each counterweight weighs 1.6kg (3.5 lbs), and screws securely on to the SYMPHA Shoulder Pad via 3/8” thread. Counterweights can also be stacked to offset very unbalanced loads. We recommend: Spacer for Counterweight MVA521.

**MVA524W V-OFFSET**

The V-Offset is used when a large height difference needs to be bridged, for example when using a very long tele lens with a tall front lens element.

**MVA521L LIGHT COUNTERWEIGHT**

Each counterweight weighs 0.8kg (1.8lbs), and screws securely on to the Sympl Shoulder Pad via 3/8” thread. Counterweights can also be stacked to offset very unbalanced loads. We recommend: Spacer for Counterweight MVA521.

**MVA519W 160MM H-OFFSET**

The H-Offset is normally used to join an off-center Shoulder Mount to a set of rails directly in front of the camera operator, so that the camera viewfinder or LCD screen can be more comfortably positioned and the weight of the camera and rig more ergonomically distributed.

**MVA519S 80MM H-OFFSET**

The H-Offset is normally used to join an off-center Shoulder Mount to a set of rails directly in front of the camera operator, so that the camera viewfinder or LCD screen can be more comfortably positioned and the weight of the camera and rig more ergonomically distributed.
**MVA522W FIG RIG - SYMPLA VERSION**

The Sympla version of the Fig Rig has a Universal Mount in the center of the wheel so that Sympla rails can be fitted, allowing other components and kits such as the Long Lens Support or Flexible Mattebox to be attached.

**MVA522 FIG RIG - SYMPLA ADAPTOR**

Starting from standard Fig Rig, this accessory allows the user to assemble an Universal Mount in the center of the wheel so that Sympla rails can be fitted.
**MVA517W UNIVERSAL MOUNT**

The Universal Mount has an "open hook" design, which allows it to be inserted and hung on the Sympla rails from below, even between other elements that have already been positioned. Because it's self-supporting even when unlocked, it stays safely attached to the rails at all times. A single, repositionable locking lever conveniently blocks the Universal Mount solidly against both rails with one movement. The Universal Mount is extremely versatile, thanks to its 4 x 3/8" female threads and 2 x 1/4" female threads, which can be used to attach arms, adaptors and other components and accessories.

- **Construction**: aluminum fusion for reliability and robustness.
- **Weight**: 0.29 kg (0.63 lbs)

**MVA516W BODY SUPPORT**

The Sympla Body Support has a flat rubber-coated bar that can be raised until it rests solidly against the underside of your camera body in order to stop it from vibrating when the lens L-bracket is being used to connect the camera to Sympla. A repositionable ratchet locking lever blocks height adjustment.

- **Height range**: 0 to 30mm (1.18”). For a greater height range, an additional Sympla V-Offset can be used.

**MVA514W LENS SUPPORT**

The Sympla Lens Support has a rubber-coated V-profile element that can be raised until it rests solidly against the lens in order to stop it from vibrating when the lens L-bracket is being used to connect the camera to Sympla. A repositionable ratchet locking lever blocks height adjustment.

- **Height range**: 0 to 30mm (1.18”). For a greater height range, an additional Sympla V-Offset can be used.
**MVA500 EASY LINK CONNECTORS**

Easy Link 3/8” connector to allow an external monitor or other accessory equipment to be fitted. It allows to support an external monitor or other accessories. Suitable for bridging heads and Sympia plates.

**MVA520 CONNECTORS FOR RODS**

Aluminum red anodized connectors for rods. They feature a ½” - 13UNC screws in order to precisely connect two different rods.

**MVA521 EXTENSION TUBES FOR COUNTERWEIGHT**

Aluminum spacer that moves the counterweight further back which effectively decreases the weight in front of the shoulder. It provides more balanced to the rig making shooting easier and more stable.
**MVA518EXT EXTENSIONS FOR HANDLES**

These machined aluminum spacers can be easily fitted on the adjustable handles to lengthen the arms. The same spacers also adapt the handles for use with Manfrotto clamp and joystick remote control units (ref. MVR911ECCN pag. 46 and MVR911EJCN pag.48).

**MVA511P PADDING FOR SHOULDER MOUNT**

Removable padding for shoulder mount. Developed to guarantee the best comfort and ergonomics in all Sympla configurations. It can be fitted with both, MVA511W-1 and MVA511W.
The Fig Rig is more than just a steady support. It is a frame on which to build your system. Your camera has only one hot-shoe for accessories, limiting you to one light or one monitor. With the Fig Rig, you can mount any number of accessories that are necessary for today’s cameras. Customize the Fig Rig to your liking. Manfrotto provides all the tools to allow you to create your own supporting system.

Each side of the camera bar is threaded with one 1/4", 3/8" and 5/8" hole for additional accessory mounting.

A non-slip rubber pad provides stability when using the Fig Rig on a flat surface such as a table, floor or railing.

Supplied with a 501PL sliding QR plate allowing you to position and balance your camera. The plate system can be switched out with a variety of Manfrotto plate assemblies to best match your camera.
After years of using the Fig Rig on his award-winning films, Mike Figgis brought his idea to Manfrotto. An idea that is non-traditional in design, but purely simple and effective. The only modular system in the world to smoothly support the DV camera and act as a frame to mount all the accessories – including zoom controllers, mics, mixers, lights, monitors, arms...

A circular frame with a crossbar to mount most mini DV cameras, the Fig Rig becomes part of the body to produce smooth, steady travelling shots. It is this very fact which is the secret to the Fig Rig. As the operator walks, his/her muscles and tendons absorb all the shocks, transferring only fluid movements to the camera. As there are no straps or harnesses attached to the Fig Rig, quick and wide movements can be made within the same shot, from ground-level to overhead, in one smooth movement. The camera, accessories and operator become one, allowing you to film scenes quickly and unobtrusively. With the Fig Rig your creativity is virtually limitless.

### 595B FIG RIG

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### MICC1 MICROPHONE CLIP

Standard type microphone clip.

### MICC2 MICROPHONE SPRING CLIP

Universal type microphone clip. Grabs microphones from diameter 20 to 35mm (0.8 to 1.4in).

### MICC4 UNIVERSAL SHOCK MOUNT MICROPHONE HOLDER

Rubber dampening system to absorb vibrations. Swiveling yoke has 3/8" threaded hole.

### 595CLA FIG RIG CLAMP

Clamp specifically designed for the Fig Rig. Supplied with 1/4" and 3/8" screws, and female 1/4"-3/8” adapter.

### ON-CAMERA LIGHTS AND MONITORS:

Position your light or monitor anywhere around your camera, freeing you up to take it off your hot-shoe.

### MICROPHONES:

Mount your shotgun mic anywhere around the camera.

### LOW-ANGLE STABILITY:

Quickly mount the Fig Rig to any 5/8” stud for either temporary storage or stable low-angle shots.

### MVA522 FIG RIG - SYMPLA ADAPTOR

Starting from standard Fig Rig, this accessory allows the user to assemble an Universal Mount in the center of the wheel so that Sympla rails can be fitted.
Manfrotto remote control units put the most important commands of market leading video cameras, HDSLRs and lenses at your finger-tips. The range includes the world’s first true electronic HDSLR remote controls - connected to the camera body via USB cable. They directly interface with camera and lens firmware protocols for optimum control over functions including focus, record start & stop, photo/video switching and shutter release, live view, digital zoom, aperture and exposure, ISO and more besides. Remote control unit firmware can be updated via USB.

Our remote control range includes both pan-bar and clamp-on models:
- pan-bar versions fit directly on Manfrotto fluid video heads and allow the cameraman to operate both head movement and camera features. He commands with one hand without having to touch the camera itself, which helps eliminate camera shake.
- Clamp-on versions are incredibly compact and can be attached to tubes, pipes, tabletops, Fig Rigs, handlebars and more. By extending the USB cable between the camera and the remote, clamp-on versions can be ideally suited for longer distance control, as slider or crane applications.

Both types of remote control are compatible with SYMPLA rigs and our Bridging Technology™ head range.

REMOTE CONTROLS FOR HDSLR A brand new range of Manfrotto remote controls for Canon HDSLRs promises a real innovation in the field of HDSLR filming – electronic remote control that works by interfacing with camera and lens firmware.

MVR911ECCN CLAMP-ON HDSLR REMOTE CONTROL for Canon
By interfacing directly with camera protocol via USB, the clamp-on electronic remote allows focus operations and main camera functions to be controlled from an extremely compact unit that attaches to a Sympla grip or other bar/pipe, remotely and without direct contact with the camera lens. This means lenses can be swapped easily without adjustment, camera movement is reduced to a minimum, and one-man camera operation is easier. In- and out- focus points and focusing speed can be set, auto-focus used, recording started & stopped, still images taken, and more besides. Fingertip control of key camera functions without moving the hand from the Sympla handles makes support more stable and secure.

- 3-step, ultra-precise focus speed
- Fixed or variable focus control modes
- Customizable focus speed limit
- Focus Memory settings
- Live View control
- Auto Focus control
- Live View Digital Zoom control
- Video recording start/stop
- Photo shutter release
- Remote control battery status
- Customizable focus direction
- Recording LED
- Video and Photo LED
- Clamp fits the spacer supplied with Sympla Adjustable Handles, or round tubes/pipes/bars/pan bars between 12mm (0.47”) and 23mm (0.90”) in diameter

Check the chart on the Manfrotto Web site for updates and new compatible cameras.
**FRONT**
- Autofocus
- Live View and Focus Memory 1
- Digital Zoom and Focus Memory 2
- Rec/Stop (video) and Shutter release (photo)
- Focus knob

**LEFT SIDE**
- Focus speed limit dial
- Focus mode switch – variable or fixed

**RIGHT SIDE**
- On / Off switch

**TOP SIDE**
- USB connection - to camera USB port.
- Extended length of supplied cable: 50cm
- Power connection to battery housed in lower shell of the clamp

**BACK**
- Battery housing (2 x AAA)
MVR911EJCN JOYSTICK HDSLR DELUXE REMOTE CONTROL for Canon

The Deluxe Remote Control is designed to be used as one of the hand grips of a Sympla shoulder support, where it means that a single camera operator can properly support the weight of the camera and rig to ensure smooth, accurate framing and movement, while also controlling all camera functions, without removing either hand from the rig. The Deluxe version can also be used hand-held and away from the camera and its support, it can be attached to video head pan bars or set up in any number of alternative configurations. It electronically controls focus and both main and advanced camera operations and settings. The LCD screen on Manfrotto’s Deluxe version remote relays general information from the camera, such as battery charge level, white balance temperature and memory card status – especially useful if the camera’s on-body screen is inaccessible.

• 3-step, ultra-precise focus speed
• Fixed or variable focus control modes
• Customizable focus speed limit
• Focus Memory settings
• Live View control
• Auto Focus control and Auto Focus point selection
• Live View Digital Zoom control
• Video recording start/stop
• Photo shutter release
• Remote control and camera battery status
• Customizable focus direction
• ISO
• Shutter speed
• Aperture
• Colour temperature
• Exposure level

Check the chart on the Manfrotto Web site for updates and new compatible cameras.
FRONT
- Display screen (see schematic diagram)
- Focus knob
- Autofocus and Focus Memory 1
- Digital Zoom and Focus Memory 2
- Autofocus joystick
- Photo / Video mode switch
- Live view
- Function lock and backlight

BACK
- Focus speed limit and Menu set-up dial

LEFT SIDE
- Rec/Stop (video) and Shutter release (photo) button

RIGHT SIDE
- USB connection - to camera USB port. Extended length of supplied cable: 50cm
- On/Off switch
- Batteries (4 x AA) housed in handgrip

LCD SCREEN
- L1. CAMERA MODE DIAL
- L2. EXPOSURE LEVEL INDICATOR
- L3. CAMERA BATTERY CHECK
- L4. CAMERA MODE
- L5. VIDEO MODE
- L6. REMOTE CONTROL BATTERY CHECK
- L7. APERTURE INDICATOR
- L8. SHUTTER SPEED
- L9. COLOR TEMPERATURE INDICATOR
- L10. ISO INDICATOR
REMOTE CONTROLS FOR CAMCORDERS  Manfrotto renews and extends the family of accessories built for the latest cameras (JVC’s GY-HM600 and GY-HM650 series, and the eagerly anticipated Blackmagic Cinema Camera) through new restyled remote controls. A new family of renovated products in terms of ergonomics and design, compatible with all protocols and applications. Manfrotto Remote Control units put the most important commands of market-leading video cameras and lenses at your finger-tips.

KEY FEATURES
• Quick-lock fastening clamp with steel core
• Anti-slip soft touch finishing
• Heavy-duty, anti-scratch, dirt-repellent polycarbonate film keyboard
• Wide-rotation (+/-50°) Multispeed Zoom/Focus knob
• Direct adjusting of maximum zoom speed
• Functional LEDs

KEY BENEFITS
• Quick fastening on the pan bar
• “Fast zoom” and “Max speed” controls allow for quick camerasetup
• Wide and smooth zoom control

12 to 23mm / 0,47” to 0,90” round tube/pipe/bar grippable diameter.

Anti-scratch, Dirt-repellent keyboard.

Zoom / focus knob.

Quick lock

Zoom speed limit.

Remote Control can be set-up for LANC (Canon/Sony) and Panasonic cameras.
**MVR901ECPL** CLAMP-ON REMOTE CONTROL

Remote control can be set up for Lanc (Canon/Sony) and Panasonic cameras.

- Lanc/Panasonic switch
- Stand-by push button (for Lanc only)
- REC/STOP push button
- Multi-speed Zoom knob
- REC/STOP LED (for Lanc only)
- Zoom direction knob (by software)

**MVR901ECLA** LANC REMOTE CONTROL

Advanced remote control for Lanc (Canon/Sony) cameras.

- Stand-by push button
- REC/STOP push button
- Zoom and focus direction knob (by software)
- Multi-speed Zoom and Focus knob
- Max-speed zoom potentiometer
- Rec, Zoom and Focus indicator LED’s

**MVR901ECEX** CLAMP-ON REMOTE CONTROL

Remote control compatible with Sony PMW EX-family cameras.

- REC/STOP push button
- Zoom direction switch
- Multi-speed Zoom knob
- Max-speed Zoom potentiometer
- Fast push button (plays back latest 5s)
- Power indicator LED
- Fast zoom push buttons

**521PFI** FOCUS AND IRIS REMOTE CONTROL

Remote control for setting Focus and Iris on Panasonic cameras.

- Focus knob
- IRIS knob
- Focus and IRIS Auto/Man switches
- Focus and IRIS direction switches
- Focus limits setup

**521CFI** ZOOM REMOTE CONTROL

Remote control for ENG lens (Canon and Fujinon).

- REC/STOP push button
- Zoom direction switch
- Multi-speed Zoom knob
- Max-speed Zoom potentiometer
- REC push button
- REC indicator LED

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**Key to symbols**

- **SC** SONY - CANON
- **EX** SONY EX
- **P** PANASONIC
- **ENG** ENG LENS
REMOTE CONTROLS FOR PAN BARS The Pan Bar version of the RC family has been totally restyled by focusing on their ergonomics, setup and new functionalities of the cameras. Thanks to innovative solutions, refined layouts and a thorough study of materials, all new RC models perfectly balance lightness, sturdiness and fluidity as required by professionals. In order to pursue innovative and eco-friendly solutions, PVC-free handle have been introduced for the first time.

KEY FEATURES
- Aluminum fixing rosette, compatible with Manfrotto video heads
- Accessory clamp for attaching to any pan bar
- Anti-slip softouch finishing
- PVC-free grip
- Heavy-duty, anti-scratch, dirt-repellent polycarbonate film keyboard
- Wide-rotation (+/-40°) multi-speed Zoom/Focus knob
- Direct adjusting of maximum zoom speed

KEY BENEFITS
- Wide range of fastening solutions
- Wider Zoom/Focus knob, for better control
- A thorough set of controls and precision mechanics for a smooth and customizable zooming and focusing
- IRIS remote control for enabled cameras

Direct coupling with Manfrotto heads for maximum rotation control.
Direct adjusting of maximum zoom speed.
Rotatable pan bar.
PVC-free “high-textured” handle.
Wide and ergonomic Zoom/Focus knob.
**MVR901EPLA PAN BAR REMOTE CONTROL**

Pan-bar remote control for cameras with Lanc (Sony and Canon).

- REC/STOP push button
- Max-speed Zoom knob
- REC, Zoom and Focus indicator LED’s
- Max-speed Zoom potentiometer
- Focus/Zoom switch
- Auto-Man Focus switch

**MVR901EPEX PAN BAR REMOTE CONTROL**

Remote control with standard pan bar for Sony PMW EX-family cameras.

- REC/STOP push button
- Zoom direction switch
- Multi-speed Zoom knob
- Max-speed Zoom knob
- REC push button (plays back latest 5s)
- Power indicator LED
- Fast zoom push buttons

**522P FOCUS AND IRIS REMOTE CONTROL**

Remote control with standard pan bar for Panasonic cameras.

- REC/STOP push button
- Multi-speed Zoom knob
- Preset Zoom speeds (with extra battery)

**522AV ADAPTOR CABLE FOR AV-R SONY CONNECTOR**

Made for video cameras with the AV-R plug, the 522AV converts the possibility to connect to these type of cameras all the Manfrotto remote controls.

**524 ADAPT ENG LENS ADAPTER CABLE**

This optional 10cm (3.9in) adapter cable allows you to convert the 8-pin 524CFi and 521CFi Remote Control cable to a 12-pin configuration found on some Fujinon ENG lenses.

**522SCA REMOTE CONTROL CABLE STANDARD**

2.5mm male/male jack coiled cord cable measuring 140cm (55in) when extended, supplied as standard with all the units.

**523 RC RAIN COVER**

Waterproof cover for Manfrotto remote control supplied with a crystal clear vinyl panel allows the viewing of the remote control button during the shooting session. The cover slips quickly over the remote pan bar to protect it from rain or sudden showers.

**MVR901APCL PAN BAR CLAMP ADAPTOR**

Manfrotto attachment, casting teeth.
Clamp Range: round tube 19 to 25mm.
Quick-fastening system.
Manfrotto hydrostatic arms, clamps and other alternative supports and accessories are fundamental video support “tools” needed to create the perfect supporting solution in every situation.

819-1 SMALL HYDROSTATIC ARM
This arm spans 18cm (7.1in) and can support up to 2.2kg (4.8lb). The 819-1 is the ideal companion for attaching a video monitor to a camera or using as a flag support. The pivoting pins are 1/4” and 3/8” male threaded with one adjustable platform ring offering a larger footprint for the equipment being supported by the arm.

814-1 MINI HYDROSTATIC ARM
A small and incredibly powerful arm (max load is 3.5kg - 7.7lb) that spans 13cm (0.4in). The pivoting pins are 1/4” and 3/8” male threaded with one adjustable platform ring offering a larger footprint for the equipment being supported by the arm.

823 MEDIUM HYDROSTATIC ARM
This is the first arm that features 5/8” male and 3/8”+1/4” female thread pins to support larger and heavier items. One of the two pins is hex shaped to marry perfectly with our Super Clamp. With a total length of 23.5cm (9.3in), the 823 is ideal to position LCD monitors, lighting fixtures or cameras virtually anywhere.

244RC VARIABLE FRICTION ARM WITH QUICK RELEASE PLATE
Articulated arm with large locking knob. Variable friction and locking of arm obtained by adjusting the knob. Supplied with quick release camera plate with secondary safety lock based on the 200PL-14 camera plate mechanism. Ideal for mounting a video camera exactly at the angle you need it. Fits any 5/8” female socket, works especially well with Super Clamp 035C.

143RC MAGIC ARM WITH QUICK RELEASE PLATE
Your extra arm in the studio. One lever locks three pivot points. Supplied with a quick release camera plate with secondary safety lock based on the 200PL-14 system, ideal for mounting a camcorder exactly at the angle you need it. Fits any 5/8” female sockets, works especially well with Super Clamp 035C.
**035C SUPER CLAMP**

This universal clamp can be securely mounted on any tube from 13 to 45mm (0.5 to 1.8in). Attachment is 5/8” hexagonal socket, plus 1/4” female thread.

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<td>15kg</td>
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**234RC MONOPOD QUICK RELEASE TILT TOP**

Tilt head with quick release camera plate system and secondary safety lock.

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<td>0.3kg</td>
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**241FB PUMP CUP WITH FLAT BASE**

Suction cup for lightweight video cameras. The 60mm (2.4in) diameter disc with a 3/8” W male thread is built in the pump cup and enables you to mount most of Manfrotto’s heads.

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<td>0.6kg</td>
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**241 PUMP CUP**

Suction cup for small equipment. Diameter: 150mm (5.9in).

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<td>1.2kg</td>
<td>2.6lb</td>
</tr>
</tbody>
</table>

**037 CAMCORDER MOUNTING STUD**

Reversible stud with 3/8” and 1/4” designed for mounting camcorders on Super Clamp 035C.

**386BC NANO CLAMP**

The new Manfrotto small size clamp. Its reduced size is the most important plus: the Nano Clamp is 4kg (8.8lb) of payload in 110g (2.4lb) of weight and the right size for any pocket.

The Nano Clamp is also a full pack of new technological advances:
- a new patented unexposed thread system
- a new high friction tape which improves the grip
- high performance aluminum
- pull and lock aluminum handle
- unique surface design that was studied on the smallest surface to be able to grip round or flat tube/pole surface.

The clamp comes with a 1/4"-3/8" female thread and 1/4"-3/8" adapter.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>4kg</td>
<td>0.1kg</td>
</tr>
<tr>
<td>8.8lb</td>
<td>0.2lb</td>
</tr>
</tbody>
</table>

**MVA500 EASY LINK CONNECTORS**

Easy Link 3/8” connector to allow an external monitor or other accessory equipment to be fitted. It allows to support an external monitor or other accessories. Suitable for bridging heads and Sympla plates.
**HEd ACCESSORIES:** the Manfrotto head accessory system includes a wide range of products that satisfy all the customer needs in terms of camera attachment and customized pan bar. All the Manfrotto plates are made of aluminum with a travelling distance up to 140mm (5.5in). Also the Manfrotto pan bars are assembled with aluminum tubes with a maximum extension of 58cm (22.8in).

**323 RECTANGULAR VIDEO QUICK RELEASE ADAPTER**
This quick release adapter gives you the freedom to remove the camera from the head without detaching it from the plate and put it on any other support. Supplied with 1/4" camera screw. Dimensions: 73.7x26.5x67.5mm (2.9x1x2.7in).

**577 VIDEO QUICK RELEASE ADAPTER**
This quick release adapter gives you the freedom to remove the camera from the head without detaching it from the plate and put it on any other support. Supplied with 1/4" and 3/8" camera screws. Dimensions: 90x23.5x100mm (3.5x0.9x3.9in) - 20mm (0.8in) travel.

**357 ADAPTER**
This quick release adapter gives you the freedom to remove the camera from the head and put it on any other support. Supplied with 2x1/4" and 2x3/8" camera screw. Dimensions: 140x22x99mm (5.5x0.9x3.9in) - 80mm (3.1in) travel.

**200PL-14 VIDEO CAMERA PLATE**
This standard plate is supplied with 1/4" camera fixing screw. Dimensions: 53x11.2x42.3mm (2.1x0.4x1.7in).

**501PL VIDEO CAMERA PLATE**
This standard sliding plate is supplied with 1/4" and 3/8" camera fixing screws. Dimensions: 90x11x50mm (3.5x0.4x2in).

**500PLONG VIDEO CAMERA PLATE**
Sliding camera plate, suitable for all Bridging Technology™ Manfrotto Video Heads. Originally supplied with the Manfrotto Video Heads MVA500A and MVA500AH. Supplied with 1x1/4", 1x3/8" camera screws and anti-rotation pin. Dimensions: 120x10,7x50mm (4.7x0.4x2in).

**501PLONG VIDEO CAMERA PLATE**
The long version of the standard plate, that has a laser engraved scale (110mm), features a variable VHS pin position. This can be moved along the length of the plate. Supplied with 2 x 1/4" and 2 x 3/8" camera fixing screws. Dimensions: 140x11x50 mm (5.5x0.4x2in).

**504PLONG VIDEO CAMERA PLATE**
Sliding camera plate, suitable for all Bridging Technology™ Manfrotto Video Heads. Originally supplied with the Manfrotto Video Heads MVH502A, MVH502AH and 504-HD. Supplied with 2x1/4" and 2x3/8" camera screws and anti-rotation pin. Dimensions: 140x10,7x56mm (5.5x0.4x2.2in).

**509PLONG VIDEO CAMERA PLATE**
Sliding camera plate, suitable for Manfrotto Video Heads. This plate works together with the new ABR (Advanced Balancing Recorder) system, thanks to a special built-in index. Originally supplied with the Manfrotto Video Head 509HD. Supplied with 2x1/4" and 2x3/8" camera screws and anti-rotation pin. Dimensions: 140x10,7x56mm (5.5x0.4x2.2in).

**357PLV VIDEO CAMERA PLATE**
This standard sliding plate is supplied with 2x1/4" and 2x3/8" camera fixing screws. Dimensions: 140x10,7x56mm (5.5x0.4x2.2in).

**357PLONG VIDEO CAMERA PLATE**
This long version of the standard plate allows perfect balance for camcorders with unusual weight distribution caused by long telescopic lenses or heavy batteries. Supplied with 2x1/4" and 2x3/8" camera screws. Dimensions: 210x11,1x56mm (8.3x0.4x2.2in).
**500BALL 100MM HALF BALL**
Half ball for leveling video heads on video tripods.
Length 16cm (6.3in). Attachment: 3/8" male thread.

**500BALLSH 100MM SHORT HALF BALL**
The 500BALLSH comes complete with a short locking handle to mount all Manfrotto flat-base heads to the 529B Hi-Hat.
Length 12.5cm (4.9in). Attachment: 3/8" male thread.

**520BALL 75MM HALF BALL**
Half ball for leveling video heads on video tripods provided with 75mm bowl.
Length 17cm (6.7in). Attachment: 3/8" male thread.

**520BALLSH 75MM SHORT HALF BALL**
The 520BALLSH comes complete with a short locking handle to mount all Manfrotto flat-base heads to any 75mm bowl tripod including the 529B Hi-Hat (with optional adapter 319).
Length 11.5cm (4.5in). Attachment: 3/8" male thread.

**319 100MM TO 75MM ADAPTER**
Converts all Manfrotto 100mm bowl tripods into a 75mm bowl.

**MVA060T 75MM TO 60MM ADAPTER**
Converts all Manfrotto 75mm bowl tripods into a 60mm bowl.

**325N VIDEO HEAD BOWL ADAPTER**
Adapter system to connect a 75 or 100mm half bowl video head to a flat base tripod.

**500HLV PAN BAR**
Pan bar for the MVH502A and MVH502AH fluid video heads.
Length 34cm (13.4in).

**502HLV PAN BAR**
Pan bar for the MVH502A and MVH502AH fluid video heads.
Length 35.5cm (14in).

**509HLV PAN BAR**
Pan bar for the 504HD and 509HD fluid video heads.
Max length 60.5cm (23.8in) - Min length 37.5cm (14.7in) - Extension 23cm (9in).
TRIPOD ACCESSORIES: in order to customize your tripod for every different environment, the Manfrotto tripod accessories range includes a complete set of different dollies, spreaders and reversible spiked feet.

**114 VIDEO DOLLY**

Heavy duty, super sturdy, designed for use with large video tripods; individually braked wheels with cable guards. Folds for transporting. Includes 3/8” attachment which allows you to attach a head for low angle shooting.

<table>
<thead>
<tr>
<th>Weight</th>
<th>60kg</th>
<th>8kg</th>
<th>60kg</th>
</tr>
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<tr>
<td>Pounds</td>
<td>13.3b</td>
<td>17.6b</td>
<td>13.3b</td>
</tr>
<tr>
<td>Millimeters</td>
<td>112cm</td>
<td>44.1in</td>
<td>112cm</td>
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</tbody>
</table>

**114MV PORTABLE DOLLY**

Same as 114 dolly with ability to accept spiked tip tripods. Includes 3/8” attachment which allows you to attach a head for low angle shooting.

<table>
<thead>
<tr>
<th>Weight</th>
<th>60kg</th>
<th>6.2kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pounds</td>
<td>13.3b</td>
<td>13.7b</td>
</tr>
<tr>
<td>Millimeters</td>
<td>112cm</td>
<td>44.1in</td>
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</tbody>
</table>
127 VS BASIC DOLLY

Everything that the 127 has with the ability for a variable spread for the legs. Suitable for standard and spiked feet. Includes 3/8” attachment which allows you to attach a head for low angle shooting.

- Weight: 10kg (22lb)
- Height: 78-114cm (30.7-44.9in)

181B FOLDING AUTODOLLY

Single lever braking system controls all three 80mm wheels. It folds legs for transporting and storage. Includes 3/8” attachment which allows you to attach a head for low angle shooting.

- Weight: 29kg (65lb)
- Height: 127cm (50in)

127 VIDEO DOLLY

Designed for light and medium weight tripods. The 76mm wheels have a sure-lock feature that raises the wheels free off the ground so that the dolly then rests on extended feet. Includes 3/8” attachment which allows you to attach a head for low angle shooting.

- Weight: 19kg (42lb)
- Height: 110cm (43.3in)
537SPRB MID LEVEL SPREADER

The new telescopic mid-level spreader allows you to set the proper leg angle and resulting tripod footprint.

165 TRIPOD SPREADER

Universal tripod spreader with variable diameter width controls from 80 to 130cm (31.5 to 51.2in).

165MV TRIPOD SPREADER FOR SPIKED FEET

Universal tripod spreader with variable diameter width controls from 80mm to 130mm (31.5 to 51.2in). It accepts spiked tip tripod.

204SPK3 REVERSIBLE SPIKED FEET

Reversible rubber/metal spiked feet (set of 3) supplied with a dedicated fixing tool. The spike is made of a special hard anodized aluminum alloy extremely resistant to corrosion. See chart below for tripod compatibility.

204SCK3 SUCTION CUP/RETRACTABLE SPIKED FEET

A rubber suction cup feet (set of 3) with retractable stainless steel spike. The suction cup increases the footprint of the foot by almost 20 times, giving much greater stability when needed. See chart below for tripod compatibility.

565 SPIKED FOOT SHOES

Set of 3. See chart below for tripod compatibility.

<table>
<thead>
<tr>
<th>TRIPOD MODELS</th>
<th>114</th>
<th>114MV</th>
<th>181B</th>
<th>127V</th>
<th>127VS</th>
<th>537SPRB</th>
<th>165</th>
<th>165MV</th>
<th>204SPK3</th>
<th>204SCK3</th>
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<td>X</td>
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</table>

PLEASE NOTE: this chart only shows technical compatibility. When assembling the products always consider the maximum load of the component with the lowest loading capacity.
### 492LCD LCD MINI BALL HEAD

The 492LCD mini ball head is a swivel mounting accessory that can be attached to the bottom of LCD or TFT monitors so you can mount the monitor to the top of the camera by using the ‘hot shoe’ located on the top of most camcorders.

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>2kg (4.4lb)</td>
</tr>
<tr>
<td>Size</td>
<td>6.4cm (2.5in)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.15kg (0.3lb)</td>
</tr>
</tbody>
</table>

### 529B HI-HAT

529B Hi-Hat enables you to get shots from the dog’s perspective. The 529B has a 100mm half-bowl, adjustable leg angles to mount the camera in the tightest or lowest of locations and thanks to the built-in spreader you can simply use the 529B on any even surface. The feet are rubber-padded to protect delicate surfaces and have a hole so that the 529B can be screwed to a ladder, apple-box or a sheet of wood.

**Recommended heads:**
- 526
- 509HD
- 504HD (with 319 adapter)
- MVH502A (with 319 adapter), MVH502AH (with 500BALLSH half ball)

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>20kg (44.1lb)</td>
</tr>
<tr>
<td>Size</td>
<td>14.5cm (5.7in)</td>
</tr>
<tr>
<td>Size</td>
<td>19.5cm (7.7in)</td>
</tr>
<tr>
<td>Length</td>
<td>20.5cm (8.1in)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.7kg (6lbs)</td>
</tr>
</tbody>
</table>
Not only bags!! But I would leave it off and start with Manfrotto video product range is completed with a range of soft goods that allows an easy transportation and storage. A complete family of padded bags developed with multihandles and internal pockets, six different dimensions from the smallest MBAG70N up to the largest MBAG120PN. Different typologies of straps are available, presenting different design and materials for alternative carrying solutions.
MBAG120PN  120CM PADDED TRIPOD BAG

The largest bag in the range, the MBAG120PN is padded to protect your equipment and has the following features:

- Asymmetric tapered shape allows you to store the tripod with the head attached. Tripod legs fit comfortably in the narrower end and extra space is allowed for the larger volume of the head at the wider end. Diameter 23cm (9.1in).
- Zipper extends down the length of the bag, but also fully opens the top end of the bag.
- Thermoform padding holds the tripod in place in the bag and protects it, especially the head, during transport.
- Inner pocket holds accessories (such as video head pan bars).
- Innovative design and style; ballistic nylon, zips and other materials used are of top quality.
- Can be hand-carried horizontally by the side handle, vertically by the end handle (also useful for storage), or shoulder-carried using the included strap.

MBAG100PN  100CM PADDED TRIPOD BAG

Same design of MBAG120PN 20cm smaller and without the double positioning carrying handle. Diameter 23cm (9.1in).

MBAG90PN  90CM PADDED TRIPOD BAG

Same design of MBAG120PN 30cm smaller and without the double positioning carrying handle. Diameter 23cm (9.1in).

MBAG80PN  80CM PADDED TRIPOD BAG

Same design of MBAG120PN 40mm smaller and without the side handle or inner accessory pocket. The MBAG80PN is also narrower than the other padded bags. The narrow end measures 13cm (5.1in) diameter, the wide end measures 15cm (5.9in).

MBAG80N  80CM UNPADDED TRIPOD BAG

The MBAG80N is an unpadded tripod bag.

- Slightly tapered to provide a better fit for your tripod with attached head. The wider end of the bag accommodates the head without requiring all levers to be removed.
- Zipper extends down the length of the bag, but also fully opens the top end of the bag.
- Logo end cap is padded to offer protection to the tripod head, the rest of the bag is unpadded.
- Shoulder strap included (the MBAG80N doesn’t have either end or side handle).
- Innovative design and style; ballistic nylon, zips and other materials used are of top quality. Diameter 13cm (5.1in).

MBAG70N  70CM UNPADDED TRIPOD BAG

Same design of MBAG80N 10cm smaller.
401N QUICK ACTION STRAP

A quick and easy accessory for carrying your tripod when walking, hiking, cycling or just getting from shoot to shoot. Use the shorter straps to fasten the padded 401N to one of the legs of your tripod, bind the remaining legs together using the longer adjustable quick release straps, sliding the tripod over your shoulder and you’re ready to go, with your hands free to grab those vital last minute items. The padding helps hold the tripod in place and protects your back from bruises and chaffing.

The 401N even stays attached to your tripod when shooting (all you need to do is release the longer quick release straps so you can maneuver and position all three legs), so you’re always ready to capture the images you want, but also always ready to move off again to the next location.

MSTRAP-1 TRIPOD SHOULDER STRAP

The MSTRAP-1 allows you to carry the tripod when attached to the ring positioned right under the tripod collar.

MSTRAP-2 TRIPOD HANDLE STRAP

The MSTRAP-2 is a convenient and smart way to carry a video tripod plus a head. The ergonomics of this strap allows to carry easily the products. Safe grip thanks to the rubber coated adjustable velcro. Easy to mount, safely hooked to the upper casting of the tripod. Well balanced, also with heavy duty video heads, thanks to the ergonomics of the handle.

102 LONG STRAP

The 102 strap is a basic but convenient way to carry your system. It has a spring clip that fastens quickly to the steel ring at the shoulder of the tripod, and a closed loop that goes around the feet of the tripod and tightens to grip them securely. Features an adapter for compatibility with all Manfrotto tripods and rubberized fabric for comfort and to avoid the tripod slipping on your shoulder.

402 SHORT STRAP

The 402 is a simple loop strap, with a single spring clip that attaches quickly to the steel ring at the shoulder of your tripod. Features an adapter for compatibility with all Manfrotto tripods. Strap is in grey rubberized fabric for comfort and to avoid the tripod slipping on your shoulder.
### Key to symbols

#### Tripod symbols

- **Twin leg**
- **Single leg**
- **Flat base**
- **60mm + 75mm bowl**
- **75mm + 100mm bowl**
- **75mm bowl**
- **100mm bowl**
- **60mm bowl + half ball included**
- **75mm bowl + half ball included**
- **100mm bowl + half ball included**
- **Flat base with 3/8” screw + extendible (geared) center column**
- **Leveling flat base with 3/8” screw + extendible center column**

#### Head symbols

- **Closed length**
- **Minimum height**
- **Maximum height**
- **Maximum height with extended center column**
- **Footprint diameter**
- **Counterbalanced weight**
- **Safety payload**
- **Weight**
- **Head height**
- **Plate supplied with the head**
- **C.O.G.**
- **1 stage**
- **2 stages**
- **3 stages**

### C.O.G.: Center Of Gravity
Center of Gravity is the weighted average location of all the mass in a body. Depending on the dimensions of the camera, the distance from the plate to the C.O.G. will be longer or shorter. Lightweight/compact cameras and HDSLRs will have a shorter distance from the plate to the C.O.G and bigger cameras will have a longer distance from the plate to C.O.G. Video head performance is measured with different distances of C.O.G according to the load capacity of the head. We use two standard C.O.G. measurements:

- @ 55mm for Ø60-75mm half bowl heads 701HDV, MVH500A(H), 501HDV, MVH502A(H), 504HD
- @ 125mm for Ø100mm half bowl heads (509HD, 526)

### CBS: Counterbalance System
Counterbalance System; a fundamental part of what makes our video heads such useful video tools. The principal function of CBS is to cancel out the slow falling effect seen in video footage when the videocamera's own weight causes it to tilt forward or backward on an unbalanced video head. CBS ensures that the cameraman need only apply minimal effort to the head’s pan bar to move the camera precisely and smoothly.

### FDS: Friction System
Friction System is used across the Manfrotto video head and monopod ranges, based on specially developed cartridges that make movements fluid and help stop unwanted vibrations (such as those from the video operator's own hand) being transmitted. Our range uses two types of FDS: fixed and variable. Variable FDS allows you to regulate and control the level of friction applied based on the type and style of video you’re shooting, on the weight of your camera equipment and on climatic conditions and temperature.

Our patented electronic system allows you to record the position at which a particular equipment set-up is perfectly balanced, and then recall that position easily any time you need to use the same equipment again.
Technological evolution is profoundly changing videography. Camcorder performance improves, even as camcorders themselves shrink in size and become more affordable; meanwhile, the latest HDSLRs combine top quality video with proven photographic capabilities. As a result, more and more new users are picking up cameras, joining our world and producing fantastic results.

HDSLR cameras and the latest interchangeable lens camcorders make new demands of support and accessory equipment too, demands answered by Manfrotto Video Products. Manfrotto offer both traditional support systems and innovative alternative supports for video, all backed up by a complete range of accessories ranging from video camera and HDSLR remote controls to bags and carrying solutions.

This is an exciting time for us at Manfrotto: the increasing fusion of video and photo equipment and the crossover of users between the two worlds let us apply even more of our photographic sector experience, knowledge and leadership to videography. Collaborating with some of the greatest names in film and video, we’re developing the well-designed, high performance, top quality, innovative products that meet and exceed the expectations of our demanding expert users… and help set the pace of the evolution of technology.

We hope you’ll find the catalogue inspiring and useful. For all the news that’s still too new to print, please visit www.manfrotto.com
The skills of the world's best photographers and video operators are brought together by Manfrotto in an innovative on-line platform.

Featuring:
Harry De Zitter,
Bill Frakes,
Joe McNally,
Drew Gurthie,
Roberto Bigano,
Ami Elsius,
Marc de Tollenaere,
Kristoff Platen,
David Duchemin,
Mike Mantilla,
Uri Golman,
Adam Barker,
Sébastien Devaud,
Kazuyuki Okajima and many others.

manfrottoschoolofexcellence.com

Manfrotto Video Supports

manfrotto.com