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Part # 509HD
REPLACES PART # 516 , 519

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509HD - PRO VIDEO HEAD 100

DESCRIPTION

VIDEOS













SPARE PARTS

The 509HD is the result of an important technical evolution - the perfect synthesis between an innovative "bridge architecture" and Manfrotto's cutting edge engineering: Bridging Technology - an exclusive Manfrotto patent. A new bridge leading the videographer and photographer to even better results with today's high-definition cameras. The 509HD's FDS (Fluid Drag System) is based on variable fluid cartridges on both, TILT and PAN axes; the ergonomics of the controls have been noticeably improved to make use of the FDS even easier. Movement around the axes is smoothed by ball-bearing units which remove all unwanted vibration. All of this guarantees ultimate control and excellent video camera support, no matter what the situation, the shooting style, or the equipment set-up. The load capacity has also been improved: the 509HD supports kit up to 28.8lb (13kg) at 55mm c.o.g and two 3/8" threads on the top plate allow accessories, such as monitors and arms, to be fitted straight to the head, thus eliminating the need for extra clamps, saving set-up time and freeing the video camera's hot shoe for other components. 509HD features the ABR (Advanced Balancing Recorder) for precision when fixing equipment, ensuring a perfect balancing position, saving time and making this operation much more efficient, accurate and fast. The system can be leveled thanks to the Ø100mm half ball and the illuminated leveling bubble. Systems available with aluminium twin legs tripods (middle spreader or ground spreader) or carbon fibre single tubes tripod.


SPECIFICATIONS

METRIC IMPERIAL


| | |
|-----------------------------|--------------------------------------|
| additional pan handle | 509HLV |
| attachment | 3/8" male thread attachment type |
| attachment number | 1/4" and 3/8" screws attachment type |
| balance control | 4 step: 0kg – 4.3kg – 8.65kg – 13kg |
| front tilt | -60° / +90° tilt range |
| half ball diameter | 100.0 mm |
| independent pan lock | yes |
| independent tilt lock | yes |
| levelling bubble | illuminated |
| material | aluminum |
| maximum working temperature | 60.0 °C |
| minimum working temperature | -20.0 °C |
| pan bar positions | 2 number |

| | | |
|---|-------------------------|---|
|  | pan bars included (no.) | 1 number |
|  | pan drag | continuously adjustable from 0 to max level |
|  | panoramic rotation | 360 ° |
|  | patent | pat. pending |
|  | plate type | 509PLONG |
|  | quick release | yes |
|  | secondary safety system | yes |
|  | sliding travel of plate | 83.0 mm |
|  | tilt drag | continuously adjustable from 0 to max level |
|  | load capacity | 13 kg |
|  | weight | 3.8 kg |
|  | working height | 17.8 cm |


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519 Professional Fluid Video Head
PART #: 519




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PART #: 516




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