



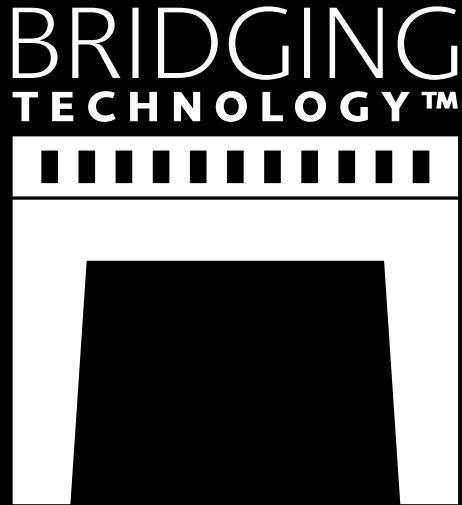
Manfrotto

proven professional



NEW

**504HD
SYSTEMS**



Video industry technology has radically changed over the past few years, introducing even lighter and more compact cameras. The latest cameras have created a new way to film, often one person is able to do the job on his own while a few years ago a full crew was required.

The video industry is crossing over to a new dimension!

Manfrotto, market leader in the light videocamera and photographic supports, is launching new video systems developed specifically for the latest camcorders, the new generation DSLR-V and matching video accessories. The ergonomic and technical characteristics make the 504HD systems the perfect support for the "new" video industry.

"Cross over to the new dimension of film making."

A black and white portrait of Cliff Guy, a man with a beard and short hair, looking off to the side. He is wearing a light-colored jacket over a dark shirt. The background is dark and filled with bare tree branches.

BIOGRAPHY

Cliff Guy is a versatile Australian talent, best known for his work as a TV presenter and singer-songwriter.

A real-life adventurer and passionate conservationist, Cliff's journeys have taken him to many remote regions around the world.

www.cliffguy.com

Cliff Guy

Cliff Guy

Australian adventure producer (CGP Media)



NEW 504HD SYSTEMS

Manfrotto is proud to introduce the 504HD SYSTEMS, an invitation to **"Cross Over"** to the new dimension of film making.

The 504HD 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.

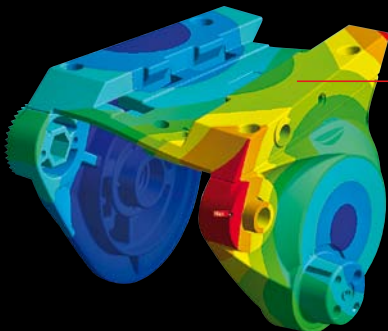
BRIDGING
TECHNOLOGY™





UNIQUE FEATURES, FOR UNIQUE FOOTAGE

- ✦ PAN fluid drag system for a more ergonomic operation
- ✦ Easy Link Connectors for a more flexible accessory attachment
- ✦ Wider top plate and longer sliding plate for extra stability and balance while using video or photo equipment
- ✦ An even more rigid structure for maximum precision and improved responsiveness
- ✦ 4-step counterbalance system ensures quick set-up and optimal performance
- ✦ Ball-bearing drag system for precise, smooth movements
- ✦ Lightweight modern materials for optimum balance of strength and size



High rigidity
structure





Wider top
plate

Improved
ergonomics

Easy link
connection

> TOP PLATE

Assembled using stainless steel screws for protection against corrosion and rust.

NEW

504HD SYSTEMS



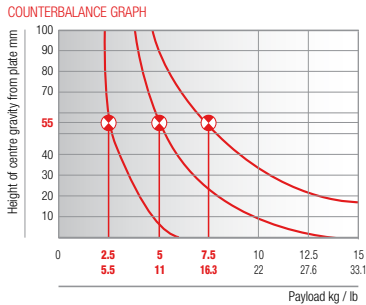
VARIABLE FRICTION



Alot of development attention has gone in to our new variable friction (FDS) components in order to guarantee outstanding fluidity of movement around both TILT and PAN axes.

Each control has a degree scale to allow precise adjustment of the fluidity of every movement of the 504HD, so it can be fine tuned to your camera equipment, to the type of shot required and to the operating temperature (from -20°C to +60°C).





IMPROVED COUNTERBALANCE



The 504HD's CounterBalance System is an evolutionary step above our older versions, and can now balance loads up to 7.5kg (16.5lb). The 504HD's CBS has four step settings:

STEP 0: Off

STEP 1: min (2.5kg – 5.5lb)

STEP 2: mid (5kg – 11lb)

STEP 3: max (7.5kg – 16.5lb)

> KEY FEATURES

Easy-Link Connectors

Two 3/8" EASY-LINK CONNECTORS are located on the top plate to allow accessories, such as monitors or lights, to be easily and securely attached. This new feature means the camera hot shoe can be used for other accessories, or kept free to reduce weight and lower the center of gravity for improved stability.

Safety Pin

Your equipment is always secure: even if you forget to block the sliding plate, the secondary safety pin prevents the plate (and your camera) from falling.

Brakes

Independent brakes on TILT and PAN axes. The 504HD's new disc brakes are inspired by automotive design, and are more than capable of keeping the heavy equipment safe, stable and in position.

KEY TO SYMBOL



Head height



Weight



Maximum load capacity



Plate supplied with the head



Minimum height



Maximum height



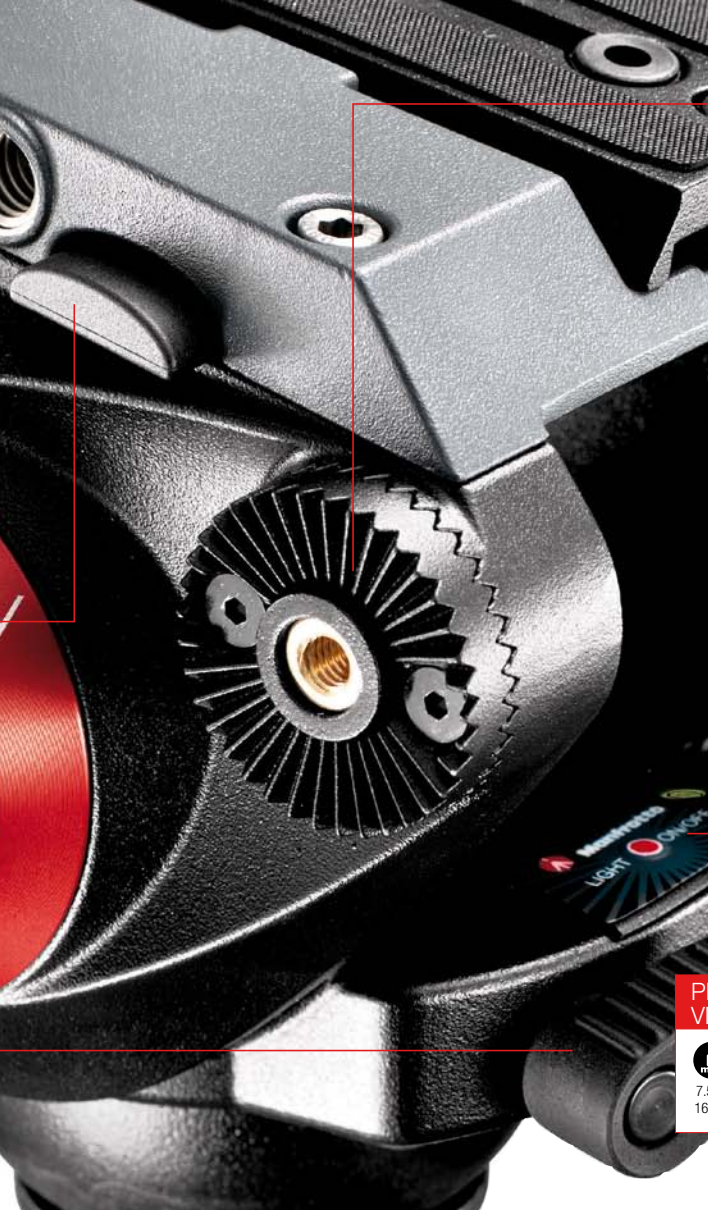
Magnesium



Carbon Fiber



Aluminum



Pan Bar Attachment

The pan bar attachments on both left and right sides of the head give maximum flexibility. Both attachments have a substitutable rosette wheel, which can be replaced easily and cheaply if it suffers wear or damage... preferable by far to having to substitute the whole side wall of the head.

Head Leveling

The back-lit bubble spirit level lets you level the head even in low light conditions.



PRO FLUID VIDEO HEAD 504HD



7.5kg
16.5lb



15.5cm
6.in



2.9kg
6.4lb



504PLONG



TWIN LEG SYSTEMS

The priority of our new systems is to provide a complete package for video support. Our new 546 twin-leg tripod is an ideal combination for the 504HD HEAD and is available in two versions: with a mid-level spreader (code 504HD, 546BK) or with a ground-level spreader (code 504HD, 546GBK).



504HD, 546GBK SYSTEM



7.5kg
16.5lb



46.5cm
18.3in



171cm
67.3in



6.3kg
13.9lb

504HD, 546BK SYSTEM



7.5kg
16.5lb



44cm
17.3in



167.5cm
65.9in



6.3kg
13.9lb





> **LEVELING SYSTEM**

The head leveling system is built around a 75mm bowl which guarantees perfect stability at any angle.



> **LEG LOCK LEVERS**

Our new leg lock levers have been designed to improve ergonomics and speed up deployment and adjustment. Optimum performance for tripod payloads up to 20kg.



> **LOCKING COLLAR POWER ADJUSTMENT**

Another detail of the care that goes in to ensuring your Manfrotto tripod will outlast the competition: the screws behind all the collars on each leg, allow you to adjust the overall locking power throughout the tripod's life, so even after years of heavy use, it can be as sturdy and reliable as the day you got it.



> **TELESCOPIC SPREADER**

Important improvements have been made to the mid-level spreader, which is now re-engineered and more robust, to guarantee a flexible link between spreader and tripod leg.



> **GRIP**

Perfect grip on any terrain thanks to the spiked feet with removable rubber shoes.



SINGLE CARBON LEG SYSTEMS

Simple words for an exceptionally flexible Manfrotto system. The combination of the 504HD with a single-leg carbon fiber tripod offers the ultimate in lightweight support, with a resistance to torsion that even outperforms twin-leg aluminum tripods. Not forgetting the incredible min-max height range this design allows: from 40cm (15.7in) to 217.5cm (85.6in)... all from a single system.

Ideal for new DSLR-Video cameras.



504HD, 535K SYSTEM



7.5kg
16.5lb



40.5cm
15.9in



184cm
72.4in



5kg
11lb

504HD, 536K SYSTEM



7.5kg
16.5lb



40cm
15.7in



217.5cm
85.6in



6.1kg
13.4lb





40cm (15.7in)

217.5cm (85.6in)



504HD, 536K SYSTEM

BRIDGING TECHNOLOGY™

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Photo by Roberto Bigano & Andrea Cracco
Concept: Claim adv

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