

STEADICAM CLIPPER 2

Features

Clipper 2:

- Camera mounting chassis (sled)
- Low friction gimbal
- Carbon fiber 2-section post
- Owners manual (Ultra)
- Battery mounts available:
 - Anton Bauer, PAG, V-Lok, Tiffen 12
- Iso-Elastic stabilizer arm:
 - Dual articulated with 32" boom
 - Sled capacity, 33 lb net camera capacity
- Long dovetail plate
- No-tools arm post clamp
- Color LCD monitor, 500 nits
- Dynamic spin and docking bracket
- Wheeled sled hard case
- Soft case for the arm and vest
- Lightweight LX vest
- T-handle Allen wrench
- Mounting screws 1/4-20 and 3/8-16

Stage:

- Heavy-duty bearings for cameras up to 33 lb
- Side-mounting drop-in professional stage
- Micro-precision drive for precise fore-aft and side-to-side balancing (no separate locking mechanism)
- Professional connectors:
 - BNC for HD/SDI
 - BNC for composite video
 - 3-pin LEMO for camera power
 - Tally light connector
 - 3-pin LEMO for focus motor systems
 - HRS power and video out for transmitters
- Extended dovetail plate
- Lever type dovetail clamp
- Nose box for professional accessory mounting (focus motor amps, etc.).

LX vest:

- New rugged design using key components from our top-of-the-line series to produce a durable, comfortable, and superbly functional vest.
- Incorporates a wide stance chest plate with quick release shoulder buckle mechanism.
 - Buckles can be independently locked
 - Unique buckle indexing mechanism allows you to easily locate, latch, or unlatch the over shoulder buckles
 - Fully vertically adjustable chest plate with two-position chest buckles to help fit various body sizes
 - All vest fabric made from durable high-quality "dynamite" weather-resistant black nylon
 - Integrated positional lower back pad for added comfort
 - Upgraded and improved front waist support band for a "flex free" vest-to-arm interface
 - New "sound stage friendly" anti-squeak chest and waist buckle design with brass inserts
 - New "no pinch" chest strap grips designed for added comfort

G-50 arm:

- "Geo"—revolutionary design extends iso-elastic response curve
- "Ride"—knob adjustable control of Iso-Elastic response
- 32" boom range
- Super smooth response throughout entire weight range
- 10–50 lb capacity

Options:

- Dynamic balance calculator
- HD UltraBrite monitor
- HD/SDI Brite monitor
- Frameline generator

Clipper 2 equipped with optional HD monitor:

- HD UltraBrite color monitor
- Optimized for Steadicam operation
- Composite NTSC/PAL/SECAM
- 8.4" color 1400 nits brightness screen
- Component high definition
- VGA/SVGA and SVHS

Clipper 2 equipped with optional HD/SDI monitor:

- HD/SDI color 7" monitor
- Framepoints
- Anti-reflective coating
- NTSC/PAL composite
- 400 nits brightness

Options:

- Battery packages—charger and batteries
- Tiffen 12 high output slim profile battery
- Tool kit in case with Steadicam logo (*new*)
- Steadicam sand bags (*new*)
- Cable kits
- Low mode kit
- Matching arm/vest hard case
- Heavy duty docking and balance stand

Unique features:

- High-definition capable
- Virtually no-tools operation
- High-definition video capable
- Affordable cost
- Clipper 2 dual 32" boom articulating Iso-Elastic arm
- Modular construction
- Slim 2.75" sled width
- New design LX vest
- Universal monitor mounting bracket
- "Ride" and "Geo"



(TOP) Standard 500 nits NTSC/PAL 7" color monitor

(ABOVE) The Steadicam Clipper 2 operator's point of view.



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STEADICAM CLIPPER 2

THE NEW
STEADICAM
CLIPPER 2
CAMERA
STABILIZING
SYSTEM.

CREATED
FOR TODAY'S
HIGH-END
VIDEO AND FILM
PRODUCTION.



THE NEW Steadicam Clipper 2



(TOP) Convenient "Ride" control adjustment during operation.

(ABOVE) Detail of tool-free "Ride" and weight-balance control with exclusive lightweight honeycomb arm construction and titanium spring.

(BELOW) Side-mounting drop-in professional stage with micro-precision drive for precise fore-aft and side-to-side balancing.

(BELOW, RIGHT) Convenient stage-mounted BNC, LEMO, and HRS connectors

The Clipper 2™ hosts a range of innovative features, including a revolutionary new G-50 Arm; state-of-the-art, ergonomic vest; as well as a newly designed camera mounting stage.

The result of years of research and testing by Garrett Brown, this is the lightest, stiffest, best-behaving, most cost-effective arm ever developed, with the greatest vertical travel and lifting range in Steadicam history.

In addition to Steadicam's proprietary no-tools adjustment of lift, the G-50 introduces two mind-bending new features—"Ride" (knob-adjustable Iso-Elasticity); and "Geo" (an active tie-rod geometry that automatically extends the performance curve), so its sweet spot is its entire vertical range!

Also new to the Clipper 2, is its new LX vest, which has been designed for increased operator control and comfort. Constructed of "dynamite" weather resistant black nylon, it features an integrated lower back support pad for increased comfort, improved front waist support for a "flex-free" vest-to-arm interface; buckle indexing mechanism for quick, positive latching or unlatching; vertically adjustable wide stance chest

plate with stiffer central spar and two-position chest buckles to fit varying body sizes.

Other critical features include: "sound stage-friendly" anti-squeak buckle design with new, "no-pinch" chest strap grips. All work together to complement the capabilities of the G-50 arm.

The Clipper 2 is also equipped with an

innovative new camera mounting system. Rock solid with a unique mid-rib, the mount has the widest possible bearings for maximum stability and easy, low frictional adjustments. Operators can use long lenses with a high degree of confidence while the "open-access" design allows for on-location adjustments.



Operators will also find the Steadicam Clipper 2 monitor mount to be extremely rigid, with an impressive horizontal extension range on dual carbon fiber rods. The mount offers the most control of pan inertia ever and allows the operator to be only seconds away from a slow (or wind-resistant) sled to a super-quick panning rig.

In addition to a base 7" 500 nits composite monitor that is supplied with the Clipper 2, video and film professionals will have two optional high-definition LCD monitors available to them: the 7" HD/SDI/Composite HD Lite monitor or Tiffen's award winning HD UltraBrite™ monitor.

When equipped with the HD UltraBrite Color 8.4" LCD monitor, the Clipper 2 is capable of displaying virtually all component high-definition and standard composite NTSC/PAL/

SECAM signals, eliminating the need for separate monitors. All of the monitors feature the latest in color LCD technology, with the weight and location of the monitor assuring the operator of perfect balance and consistent ease of operation. And the monitors pivot on their centers of gravity, so dynamic balance is maintained when tilting the monitor, or when flipping from high mode to low mode.

With its 2.75" sled, the Clipper 2 is designed for precise handling, first and foremost. The narrow sled width with rod-mounted monitor and battery assure optimum operational freedom. This sleek sled design allows it to be kept closer to the operator's body. This results in less fatigue and allows an operator more options such as maneuvering through tighter spaces. The slim profile, 14.4 volt Tiffen battery powers the sled, or customers can use batteries from Anton Bauer, PAG, or IDX V-lok to power their video camera or 12 volt film system.



"The Clipper 2 utilizing proven sled technology from the Ultra and now coupled with these new innovative arm, vest and stage designs presents a rig designed for the high end video and film professional. This new rig will be equally at home on a network soap, live event demanding rugged performance, or a feature film," states Frank Rush, Steadicam Manager.



(TOP) New LX vest with with greater operator comfort and control.

(BELOW) G-50 dual-articulated Iso-Elastic™ arm with "Geo" and new "Ride" control.

(LEFT) G-50 arm honeycomb detail.



The Steadicam Clipper 2 for composite, high-definition, and film production