FEATURES AND CONTROLS

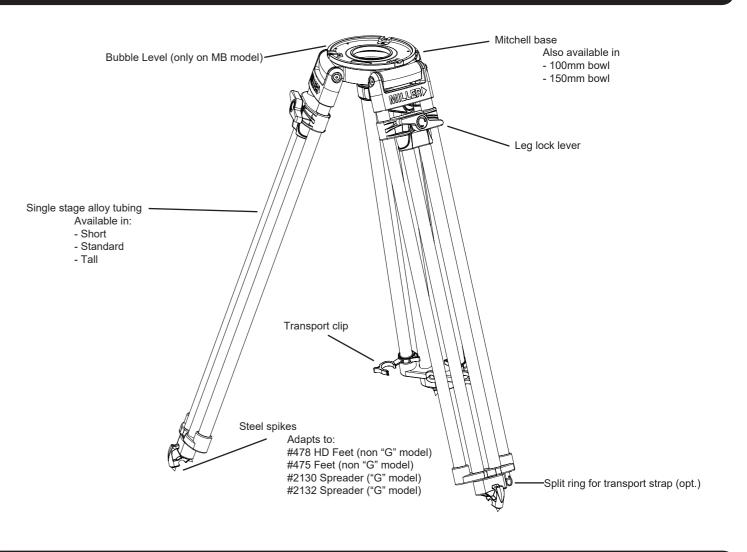


#2116/G HDC 150 TALL #2116/G HDC 160 #2114/G HDC 150 SHORT 150mm Bowl Models

#2122/G HDC 100 TALL #2121/G HDC 100 #2120/G HDC 100 2HOKT 100mm Bowl Models

#2111/G HDC WB TALL #2110/G HDC WB #2109/G HDC MB SHOKT eleboM essa lledotiM





ACCESSORIES & COMPONENTS

- Cat # Description
- #2130 HDC Ground Spreader
- #2132 HDC Ground Spreader Short
- HD Rubber Feet (set of 3) #478
- #993 Mid Level Spreader
- #3222 HD Dolly

MILLER

SERVICE, SALES & SUPPORT

Miller Authorised Service Agents must carry out all service and repair work. Failure to observe this requirement may void warranty. It is advisable to notify Miller or a Miller Authorised Service Agent if a change of performance is observed as a result of dropping or rough usage. For information regarding sales and service of Miller products, or for your nearest Miller representative please contact us via our website or at the following:

MILLER CAMERA SUPPORT EQUIPMENT MILLER CAMERA SUPPORT LLC (USA)

30 Hotham Parade Sydney, NSW, 2064, Australia Tel: +61 2 9439 6377 Fax: +61 2 9438 2819 Email: sales@miller.com.au

216 Little Falls Road (unit 15 & 16) Cedar Grove, New Jersey, 07009, USA Tel: (973) 857 8300 Fax: (973) 857 8188 Email: sales@millertripods.us

MILLER FLUID HEADS (Europe) LTD.

12A Shepperaton Business Park Govett Avenue. Shepparton Middlesex TW17 8BA, United Kingdom Tel: +44 (0)1243 555 255 Fax:+44 (0)1243 555 001 Email: sales@millertripods-europe.com

INTRODUCTION

Thank you for purchasing the HDC Tripod.

The HDC tripod range is specifically built for cinematographers and outside broadcasters who demand the highest levels of stability, low torsional distortion, even at maximum drag. The HDC range is differentiated by the mounting base, the height and the spreader type, the quick action rotary screw type leg locks allow for maximum lock off performance without need for maintenance.

No matter where your work takes you, the HDC tripod series performs in extreme environments and terrains every time.

TECHNICAL DATA									
Cat#	2109/G	2110/G	2111/G	2114/G	2115/G	2116/G	2120/G	2121/G	2122/G
Base	MB	MB	MB	150mm	150mm	150mm	100mm	100mm	100mm
Height	Short	Standard	Tall	Short	Standard	Tall	Short	Standard	Tall
Material	Alloy	Alloy	Alloy	Alloy	Alloy	Alloy	Alloy	Alloy	Alloy
Maximum Load kg (lb)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)
Weight kg (lb)	4.8 (10.6)	5.9 (13.2)	6.4 (14.1)	4.5 (9.9)	5.6 (12.4)	6.2 (13.7)	4.3 (9.5)	5.4 (11.9)	6.0 (13.2)
Max Height mm (in)	900 (35.4)	1549 (61.0)	1764 (69.5)	890 (35.0)	1539 (60.6)	1754 (69.1)	900 (35.4)	1539 (60.6)	1690 (66.5)
Min Height mm (in)	415 (16.4)	737 (29.0)	886 (34.9)	405 (16.0)	727 (28.2)	876 (34.5)	370 (14.6)	710 (28.0)	845 (33.3)
Transport Length mm (in)	610 (24.0)	916 (36.1)	1010 (39.8)	600 (23.6)	906 (35.7)	1000 (39.4)	600 (23.6)	906 (35.7)	1000 (39.4)

Specs based on 'G' variant - 'non-G' variant will have lower Min Height

ZRANSPORT CLIPS

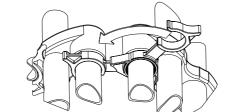
legs together during transport. Their spring-loaded design means they

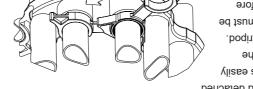
transporting the tripod. securely attached before The Transport Clips must be legs for transporting tripod. snapped back on to the for set up, and just as easily

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The 2 Transport Clips (Fig.3) are designed to hold the HDC tripod's three

are easily gripped and detached





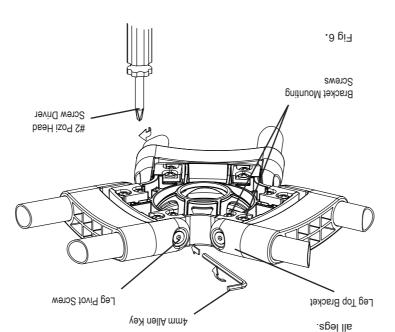
both sides of the Leg Top Bracket are tight. Retighten if necessary. Using a cross head screwdriver, ensure Bracket Mounting Screws on 1. Leg to Bowl Adjustment to eliminate lateral, or free play movement: following procedure must be observed. (Fig 6.) ment is usually not required, however, should it become necessary, the

using a 4mm allen key until a smooth resistance is maintained. Check Tighten the Leg Pivot Screws on each side of the Leg Top Bracket 2. Leg pivot or 'swing' adjustment to ensure firm, smooth resistance. Check all legs.

play movement and should swing with a firm, smooth resistance. Adjust-

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The leg to bowl pivot joint on the HDC tripod should have no lateral or free



HDC GROUND SPREADER - Designed for standard and tall HDC tripods ("G" versions)

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sives or wire brushes.

the Fluid Head.

the camera and fluid head is attached.

tripod in a dry place, away from direct sunlight.

brush. Wipe off all sand, dust and salt spray.

ADINTENANCE

rim, spreader mounting points, carry handle and feet.

Do not remove the Mid Level Spreader or Ground Spreader whilst

Do not move the Tripod whilst the camera is attached to the Fluid

Do not adjust the tripod Leg locks whilst the camera is attached to

Do not leave the camera unattended on the Fluid Head.

1. Do not exceed the maximum payload capacity of the Tripod.

The operator is responsible for the safe operation of this equipment.

that the bowl is approximately horizontal when attaching the camera.

and damage, also please ensure that the tripod is steady, secure and Ensure that all equipment is operating correctly and free from defects

Transport and store the tripod in Miller case wherever possible. Store the

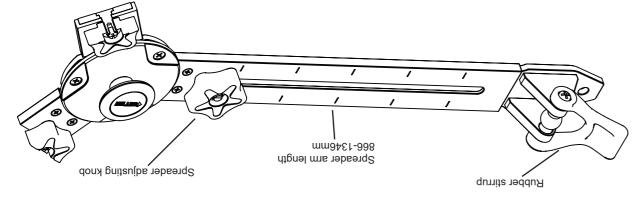
Do not clean with solvents, cleaning fluids, lubricants, polishes, abra-

behind levers. Regularly clean the tripod with a clean damp rag or soft

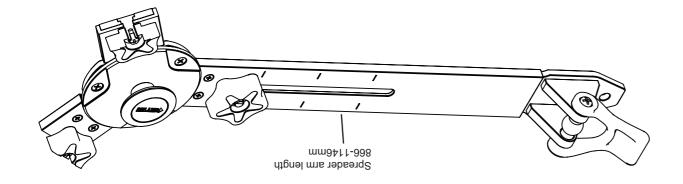
damage, leg lock adjustment, leg top adjustment, condition of the bowl

Regularly inspect the tripod, paying particular attention to any tube

Keep grit and dirt away from the locking pads as much as possible, including



HDC GROUND SPREADER SHORT - Designed for short HDC tripods ("G" versions)



Telescopic clamp .8 gi7 Quick release latch knob Spreader adjusting knob

TRIPOD SET-UP

- spreader should be attached. 1. Before setting-up the tripod, the Mid Level Spreader or HDC Ground
- 3. Place the Tripod Feet on level surface (if possible) and release the 2. Remove tripod from the Softcase and unclip the Transport Clips.
- 4. Lift the top of the tripod to a desired height and then tighten Leg Lock rotary Leg Lock Levers.
- Levers (do not over tighten).
- approximately level to the ground (use the bubble level on MB versions). 5. Spread the Tripod Legs apart, check that the Tripod Bowl is
- Re-adjust the legs individually if required.
- 7. Check that the tripod is secure. Place fluid head on tripod base/bowl.

- Remove the camera from the Fluid Head. · .
- 2. Retract the spreader arms fully.
- 3. Hold and lift off the ground by two legs, then bring the legs inwards.
- 4. While holding the top of the tripod, release the Leg Lock Levers.
- 5. While feet are on floor allow base/bowl to fall to stops.
- 6. Tighten Leg Lock Levers.
- 7. Attach both Transport Clips.

SPREADER

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