



LenCin Pedestal

User Manual

Operational Instructions & Specifications

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Edition 16

CHAPMAN

Chapman/Leonard Certified Locations

Main Office

12950 Raymer Street,
North Hollywood, CA 91605

Toll Free:

(888) 883-6559
(818) 764-6726

FAX:

Rentals: (818) 764-6730
Leasing: (818) 764-4347
Accounting: (818) 764-9391

Florida

9460 Delegates Drive
Orlando, Florida 32837

Toll Free:

(888) 337-8243
(407) 851-3456

FAX:

(407) 855-1653

Georgia

120 Parkwest Drive #D
McDonough, GA 30253

Toll Free:

(888) 758-4826

FAX:

(678) 583-1858

New Mexico

5650 University Blvd. SE
Albuquerque, NM 87106

Toll Free:

888-758-4826

FAX:

505-227-2578

Louisiana

668 Distributors Row Suite E
Elmwood Business Park
New Orleans, LA 70123

Toll Free:

(888) 758-4826
(504) 731-6050

FAX:

(504) 731-6051

Texas

1901 E. 51st Street
Austin, Texas 78723

Toll Free:

(888) 758-4826
(512) 473-0084

FAX:

(512) 473-0042

UK & Europe

Chapman Leonard Studio Equipment, Ltd.
Unit 2
North Orbital Commercial Park
Napsbury Lane, St. Albans, Herts
England AL1 1XB

Phone:

+44 1 727 838424

FAX:

+44 1 727 852241

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The Operator should be qualified to operate
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For assistance please call our 24-hour
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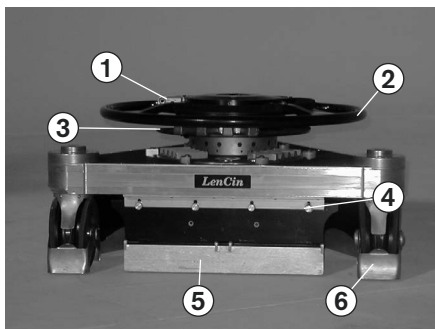
+1 (888) 883-6559
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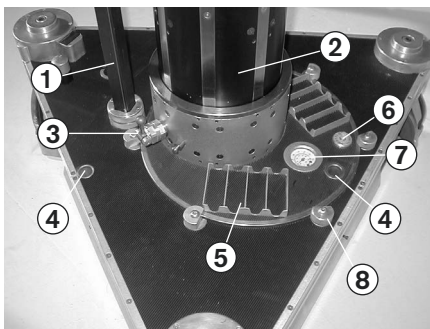
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LenCin Pedestal

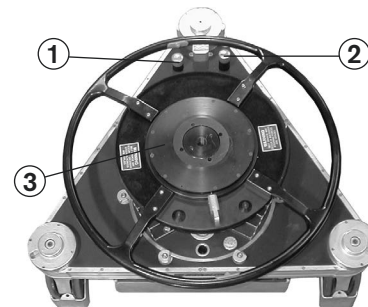
Parts & Features



- 1 Steering Ring Lock
- 2 Steering Ring
- 3 Weight Tray
- 4 Cable Guard Adjusters
- 5 Adjustable Chassis Cable Guard
- 6 Adjustable Wheel Cable Guard



- 1 Telescoping Steering
- 2 Telescoping Four Stage Column Lift
- 3 Column Friction Brake
- 4 Accessory Pocket
- 5 Weight Storage
- 6 Nitrogen Schrader Valve
- 7 Nitrogen Pressure Gauge
- 8 Lock Down Cams (6 places)



- 1 Conventional Shifting Selector
- 2 Crab Shifting Selector
- 3 Column Lock - Down Position

LenCin Pedestal

Features & Specifications

Features

1. Open Access to Wheels for Maintenance
2. Hold Column at any Height (Friction Brake)
3. Special Performance Enhancing Tire Compound
4. Can be used Indoors and Outdoors
5. Virtually Silent Operation
6. Incorporates both Crab and Conventional Steering
7. Low Maintenance
8. 22 inch Steering Ring available
9. Removable Column
10. Securable to Floors or Platforms
11. Interchangeable Wheels - Hard or Soft
12. Easily adjusted Cable Guards
13. Easily replaced Telescoping Steering Column
14. Track Ready (Straight Track - 28" center to center)
15. Single Wheel Brake System

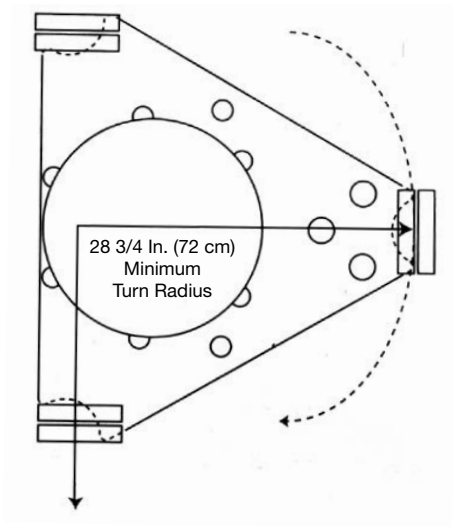
Specifications

Minimum Camera Mount Height	17 ³ / ₄ in.	45 cm
Maximum Camera Mount Height	56 ³ / ₄ in.	1.4 m
Vertical Travel	39 in.	1 m
*Payload Range	20-375 lb	9-170 kg
**Maximum Payload with Center Post Insert	1,100 lb	500 kg
Steering Ring Diameter	30 in.	76 cm
Number of Stages in Column	4	
Carrying Weight of Chassis	164 lb	75 kg
Carrying Weight of Column	180 lb	82 kg
Total Weight	344 lb	157 kg
Operational Weight of Unit w/ Center Post Insert (w/o Payload)	245 lb	111 kg
Minimum Chassis Width	34 ¹ / ₄ in.	87 cm
Minimum Turning Radius	27 ¹ / ₂ in.	69.6 cm
Column Diameter (when removed)	16 ⁵ / ₈ in.	46 cm
Chassis Minimum Height (w/o column)	14 ¹ / ₂ in.	37 cm
Column Minimum Height (when removed)	16 ¹ / ₂ in.	42 cm

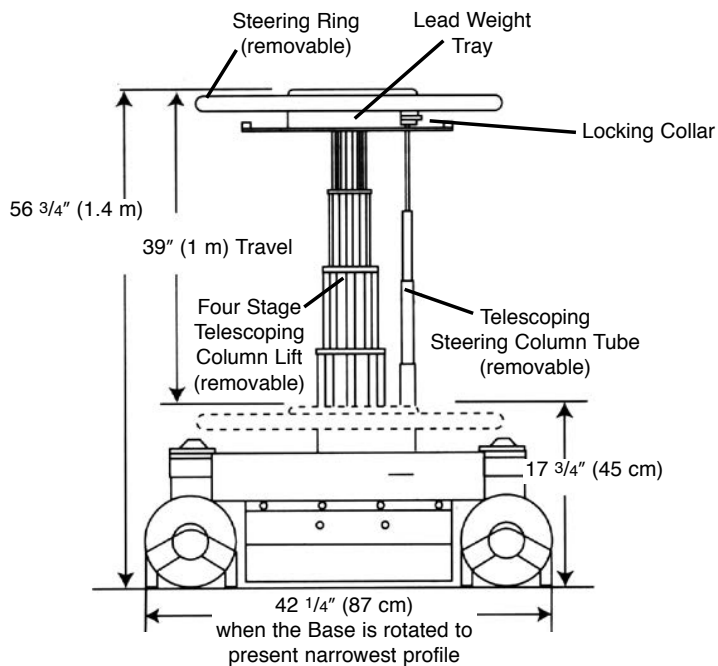
* Payload includes all items (i.e. Camera, Remote Head, Crane Arm, etc.) on Column

* Payload includes all items (i.e. Camera, Remote Head, Crane Arm, etc.) on Center Post Insert

LenCin Camera Pedestal
Specifications & Diagrams



Carrying Weight of Chassis	164 lb	75 kg
Carrying Weight of Column	180 lb	82 kg
Operating Weight of Column	344 lb	157 kg
Maximum Payload	375 lb	146 kg



Note: Make sure the Steering Column Socket Head Screw is tight at the Locking Collar.

Steering Modes & Brakes

Configuration

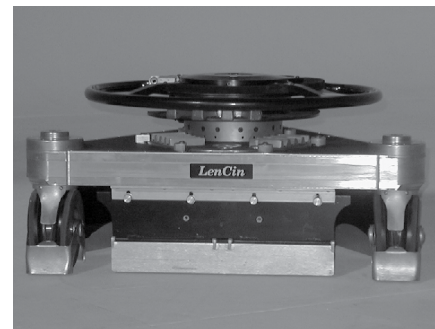


The steering mode can be changed from Crab to Conventional steering by pushing on either selector and observing the alignment mark on the wheel caps (see page 15)

Place light pressure on the desired selector button. Then turn the steering wheel until the rear wheel is pointing straight back. The transmission will shift and you will feel the button fully depress.



The LenCin Wheel Brake Lever can be activated with your foot or hand by pushing down until the lever remains in the locked position. The LenCin Wheel Brake Lever can be released by applying gentle pressure upward.

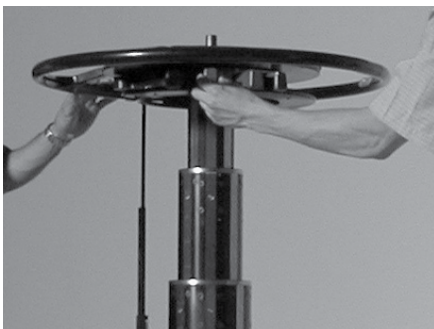


The LenCin Column Lift can be locked in the down position for shipping. This position is also useful when mounting the camera.

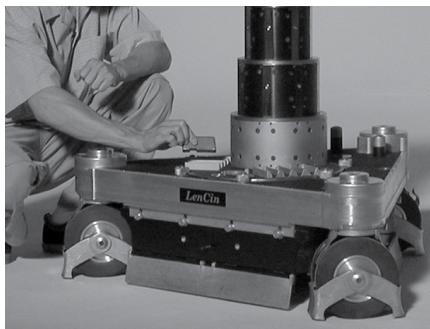
Warning!

Always check the Nitrogen Pressure Gauge before removing the Column Lift from the LenCin Chassis to avoid possible injury or damage to the equipment. There should always be a minimum charge of 85 psi.

Balancing the Payload Configuration



In a working situation, the column's payload can be fine balanced to the Nitrogen Charge by adding weights to the steering ring.



The unused weights can be stored in the trays on the base of the LenCin.

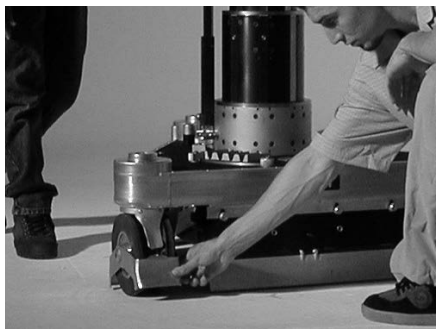


The Nitrogen Schrader Valve is used to add sufficient pressure to balance the payload.

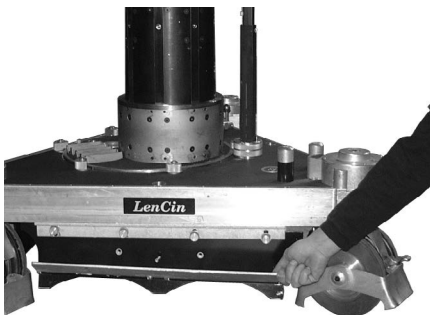
Before adjusting the Nitrogen Charge, all weights should be moved from the steering ring weight trays to the storage weight trays on the base.

After adding or subtracting Nitrogen, weights can be placed in the steering ring weight tray to fine balance the payload with the Nitrogen Charge.

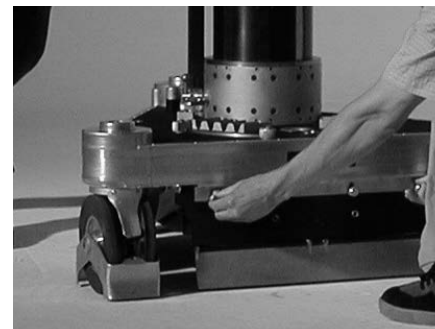
Cable Guards Configuration



Wheel cable guards can be flipped upward when not in use. The height can be adjusted with a 5/32" Ball Allen Wrench. Turning counter clockwise raises and turning clockwise lowers the minimum height of the Wheel Cable Guard to the floor.

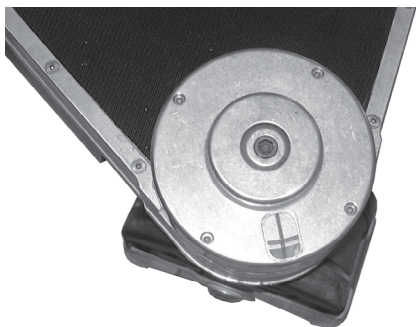


Chassis Cable Guards can also be flipped upward.

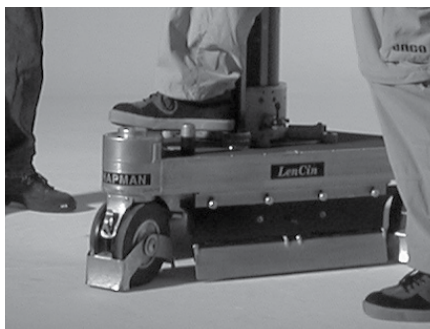


The height of the Chassis Cable Guards can be changed by loosening the thumbscrews and adjusting within the slotted area until the desired height is achieved.

Aligning the Wheels Configuration

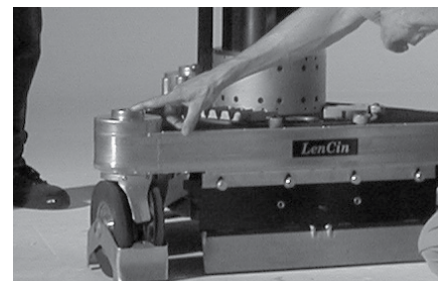


The LenCin Wheel Alignment may be adjusted by first observing the Alignment Marks on the front two wheel caps. Only the #2 & #3 Wheels should be adjusted. The #1 Wheel is closest to the shifting selectors.



Wheel Alignment Bolt

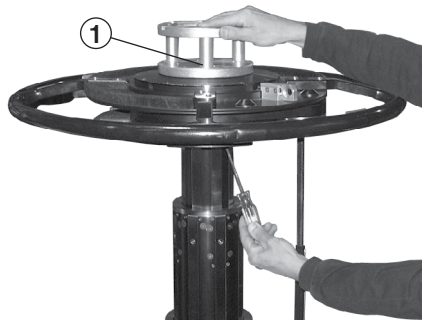
- 1 Shift the steering into Crab Mode.
- 2 Turn the steering until the Steering Ring Indicator points toward the #1 Wheel. The wheel should now be pointing straight back.
- 3 Look at the Alignment Marks on the front wheels. If the marks on any wheel do not line up correctly, an adjustment should be made.



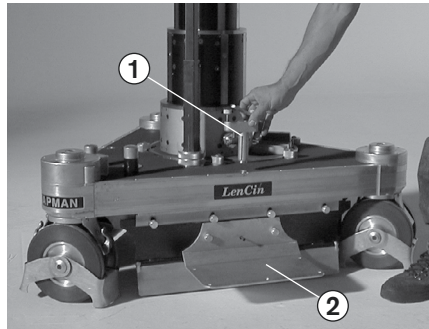
- 4 Shift the steering half way between Crab and Conventional modes. You will feel the Steering lock into place.
- 5 Loosen the Alignment Bolt on the unaligned wheel with the 5/16" Allen Wrench provided in the Tool Case.
- 6 Grab the wheel and move it to match up the Alignment Marks.
- 7 Tighten the Wheel Alignment Bolt.

When all Wheels are aligned correctly, they will be parallel with each other.

Accessories



1 The LenCin can be equipped with a Mitchell Adapter (3", 6" or 12"). Attach screws from below.



1 Cable Dragger.

2 Battery Tray.



The LenCin can be equipped with a Rolling Offset Seat.

LenCin Accessories

1. Seat Offset with Wheel
2. Wood Crate (Shipping & Storage)
3. Soft Tires (Set of 6)
4. Battery Tray
5. Weather Cover
6. Mitchell Adapter - 3"
7. Mitchell Adapter - 6"
8. Mitchell Adapter - 12"
9. 18" Column Riser
10. Center Post Insert
11. Column Star Base
12. Pressure Regulator & Hose
13. Nitrogen Bottle Kit
14. Small Steering Ring - 22" diameter
15. 4 Bolt 6" Riser

Removing the Column from the Base Configuration



Warning!
Always check the Nitrogen Pressure Gauge before removing the Column Lift from the LenCin Chassis to avoid possible injury or damage to the equipment. There should always be a minimum charge of 85 psi to maintain tension on the internal cables.

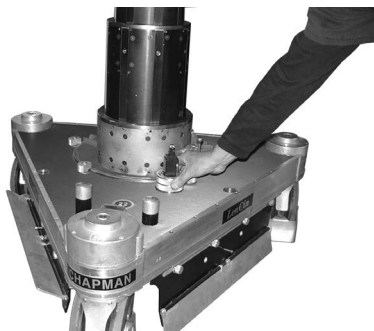


Lock the Steering Ring.

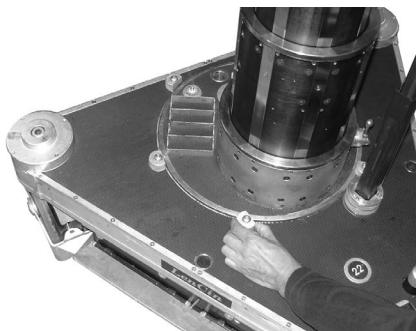


Remove the Telescoping Steering Column Tube by loosening the Socket Head Screw on the Collar, turning the Locking Collar and detaching it from the Steering Ring.

Note: When operating the LenCin, make sure the Steering Column Socket Head Screw is tight at the Locking Collar.



Then turn the Retaining Collar on the LenCin Base and lift the Steering Tube from its receptacle.



Release the Column Lockdown Cams. (6 Places). Turn each cam counter clockwise until it clears the edge of the Lift Column. This will facilitate proper clearance for removal.



Lock the column in the down position.



Lift the column straight upward from the LenCin Base.



The Column can be used independently of the LenCin Base. In tight situations such as between theater seats, the LenCin Column is ideal. Three adjustable leveling bolts on the bottom of the tank can be used to level the column when used separate from the chassis.

Star Plate

Using the Column without the base



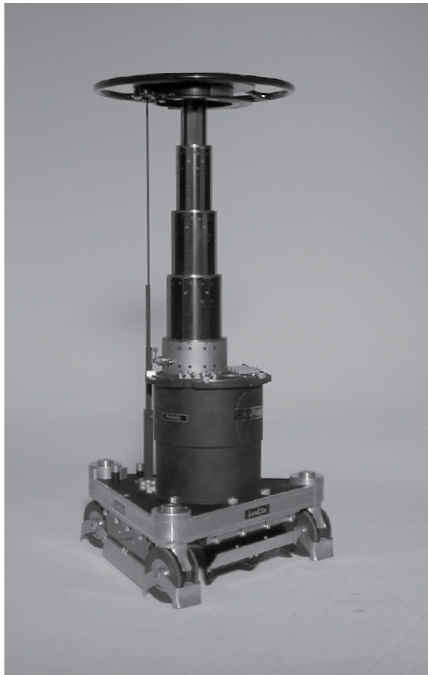
Anchor tabs can also be fitted to the Star Plate, enabling the Column to be secured to the floor.



18" Column Riser Configuration



The LenCin can be equipped with an 18" Column Riser. It is placed in the LenCin Base and held by the cam locks.



The Lift Column fits into the Column Riser and it is held by a second set of cam locks.

A special extended Telescoping Steering Tube is used with the Column Riser.

The Column Riser provides added height with no loss of rigidity in the Lift Column.

The maximum mounting height with the Column Riser is 79 3/4" (2 m).

Note: When operating the LenCin, make sure the Steering Column Socket Head Screw is tight at the Locking Collar.

Tool Case

Note: Keeping the column clean ensures smooth, precise movements while filming.

Wipe down the column with a soft cotton cloth and isopropyl alcohol.



Silicone Spray



Cup Holder



Weights



Telescoping Steering Tube



Allen Wrenches

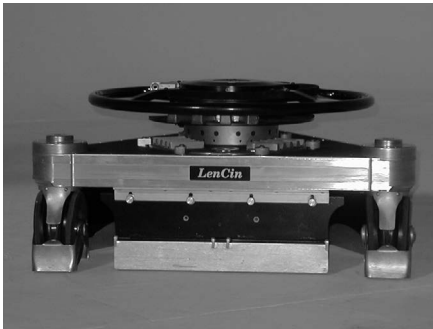


5/32" Ball Allen Wrench

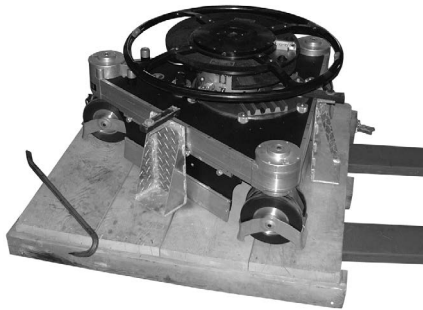


7/32" Ball Allen Wrench

Crating the LenCin for Transport Configuration



Lock the Lift Column in the Down position.
Lock the Steering Ring. Check that the Nitrogen Pressure is above the minimum charge required to maintain tension on the internal cables (85 PSI minimum Nitrogen charge).



The LenCin is bolted to the crate base at three places.



The LenCin is ready for transport.

Shipping & Rental Return

The customer should be sure that the equipment is properly crated for shipment. Get a signed receipt from the shipping company that will be transporting the equipment. Keep the receipt from the transport company indicating that the equipment has been shipped to **Chapman/Leonard Studio Equipment, Inc.**

When picking up or returning rental gear to Chapman/Leonard Studio Equipment, Inc., please remember that **rentals are due back by 10 a.m. at our North Hollywood facility.**

The rental bays are located on your left, immediately after entering the facility from Raymer Street. Trucks should be backed up to the bays for easier loading. If no bays are available, you can temporarily park on Raymer Street and advise the Rental Office of your arrival. A Customer Service Agent will advise you when a spot opens at the bay.

All drivers should first report to the Rental Staff for paperwork. Unloading will not begin until the paperwork has been picked up and stamped. Our Rental Staff is well trained to process equipment and documents quickly and courteously. It is our intent to get you back on the road in a timely manner.

Address

Chapman/Leonard Studio Equipment, Inc.
12950 Raymer Street
North Hollywood, CA 91605

Rental Office Hours

Monday - Friday	7am - 6pm
Saturdays	8am - 12 pm





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