

## Assembly Manual



### ■ What's In The Box

Please inspect the contents of your shipped package to ensure you have received everything that is listed below.



SJ30 Powermatic Scissor Jib



Sway Mitchell  
 Dampening Head



Camera Mount Plate



Counter Weight Rod



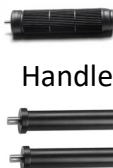
2 x Guide Rods



4 x Guide Rods



Monitor Arm



Handle

Remote Holding Bar



2 x Weight  
 Closers



Speed Controller  
 Remote



Clamp for  
 Remote

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Weight bar



Ronin Controller Bracket



BNC Wire



HDMI Male to Male Wire



Controller Spiral Cable



Mitchell Ronin Mount



4x Allen Screws (Size: 8x20")



4 x Bush's



D-Tap wire



15V AC Adapter



2 x Screws for Monitor arm (Size: 3/8", 1/4")



Socket HDMI Mini



Universal Adapter



2 x Mitchell keys



4 x Allen Screws (Size: 8x25")



2 x Allen Keys T-Type (Size: 5mm, 6mm)



2 x Spanners (Size: 17mm)



4 x Allen Keys L-Type (Size: 1.5mm, 2mm, 4mm, 5mm)



Black Flight Case



## Safety Hints of Jib Crane

### ATTENTION: PLEASE READ THIS BEFORE USING TO PREVENT DAMAGE TO EQUIPMENT & OPERATOR!

- The crane may not be assembled or operated under influence of alcohol, drugs or any other intoxicating substances. Lack of attention while connecting the components together can cause substantial damage to equipment/operator.
- The crane may only be operated on levelled horizontal position. Make sure that the surface is stable.
- To prevent any harm or injury, properly join all sections of the crane. It is suggested to use the support stand while telescoping the complete length.
- Always connect the steel cables properly to provide stability to the system. They should not negatively impact the movements of crane in any way.
- After setup of the crane, the pan-tilt head / gimbal head shall be positioned under the central pivot section. In assembled state, when the pan-tilt head / gimbal head is higher than central pivot section, there should be someone to look after the crane system.
- The complete panning & lifting range around it must be kept free. Avoid anybody standing under the crane. No loose objects may be stored or placed on it. Be very careful while using indoors.
- Never operate the crane in the immediate vicinity of high-voltage power cables. It holds danger to life.
- Particular care is required when operating the crane in unfavourable weather conditions. The crane must be shut down in sufficient time. When it is used in a rainy day, the pan-tilt head / gimbal head and controlling bar shall be protected against rain.
- When you want to transport the crane, lock the Pan & Tilt Axis for safety. Make sure that the components do not rub together and cause any material wear.
- Before the counterweights are removed, ensure the remote head is resting on the support stand. Then gradually remove the counterweights before remote head, camera or other parts.
- In the interest of safe crane operation, avoid abruptly swivelling or stopping the crane, otherwise it may cause serious damage to equipment.

FOLLOWING THESE GUIDELINES WILL PROVIDE BETTER SHOTS AND TROUBLE FREE OPERATION. SHOULD YOU NEED ADDITIONAL INFORMATION, TECHNICAL ASSISTANCE IS AVAILABLE 'ONLINE' BY CONTACTING THE SALES REPRESENTATIVE.

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## Powermatic Scissor Jib Setup

- Loosen and remove the Castle Ring of the Scissor Jib, as shown in the image.



- Place Scissor Jib on top of the Jib Stand, as shown in the image.

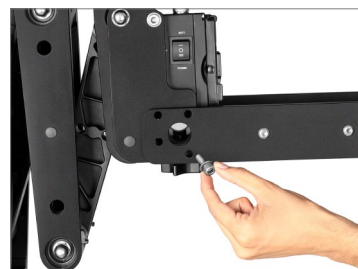


- After properly mounting the Scissor Jib, re-insert the Castle Ring from the bottom and tighten it using the Mitchell key.

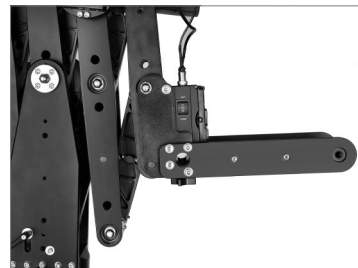
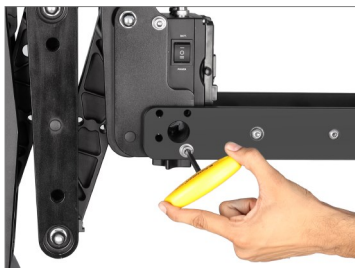
**NOTE:** Check the Scissor Jib level with the help of the Bubble Leveler. You can adjust the height of the jib stand to keep your jib levelled.



- Slide the weight bar into the backside of the Scissor Jib and insert bolts (8 x 25), as shown in the image.



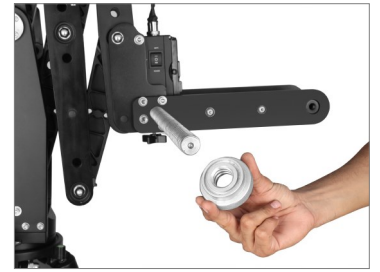
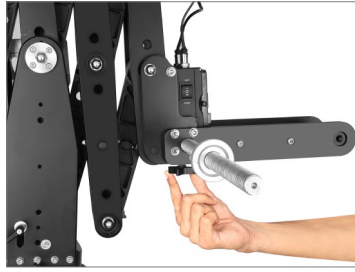
- Now, tighten the bolts using the 6mm Allen key to properly secure the weight bar.



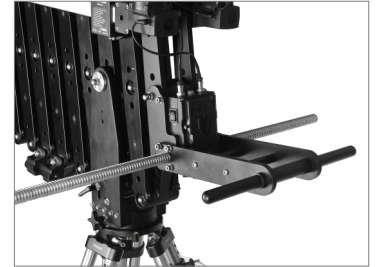
- Weight bar ke Knob ko loose krain or weight rod ko insert krain.



- After inserting the Counter Weight rod, re-tighten its knob and remove the weight closer to the rod.
- Apne requirement ke according weight insert krain then weight closer ko insert krain.



- Twist the remote holding bar in the Weight bar, as shown in the image.



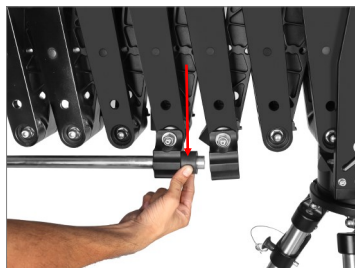
- Remove the bolt of the Guide Rod using the 5mm Allen key.



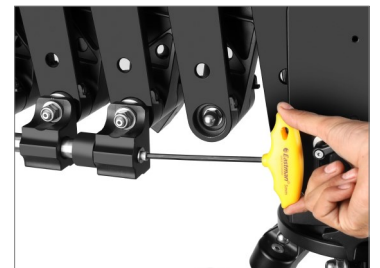
- Insert the Guide Rods in the bracket of the Scissor Jib and insert bush in the center part, as shown in the image.



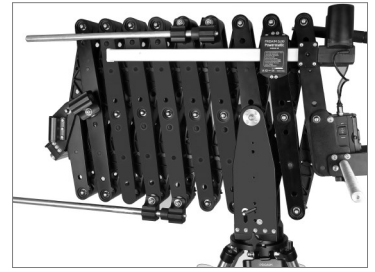
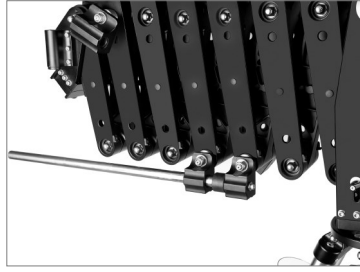
- After inserting the Bush, properly insert the Guide Rod.



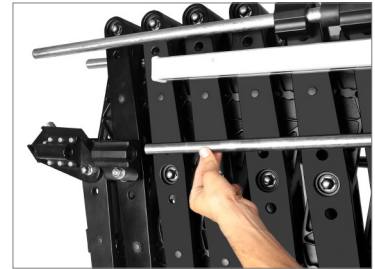
- Tighten the bolt of the Guide Rod with the help of 5mm Allen Key.



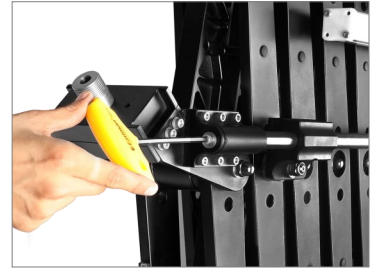
- Follow the same process to attach the other Rod.



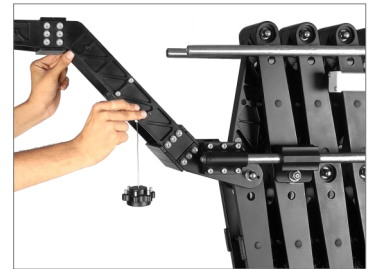
- Now, remove the bolt of the Rod using the 5mm Allen key and insert the rod in the jib bracket, as shown in the image.



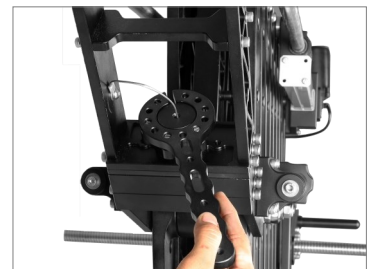
- insert the bolt and secure the Guide Rod with the help of 5mm Allen Key.



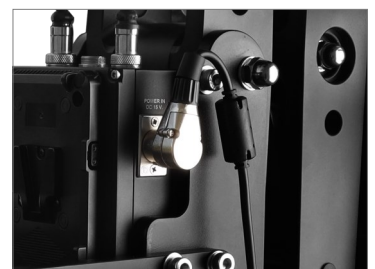
- Mount the camera mount plate on the front of the Scissor Jib, as shown in the image.



- Now, insert the castle nut and tighten it using the Mitchell key.



- To supply power to the Scissor Jib, connect a 15AC Adapter pin to the Controller box with the battery plate.



## Speed Controller Remote

- Slide the Speed Controller Remote clamp per your requirement.
- After determining the position of the clamp, re-tighten the knob to secure it.



### Speed Controller

As the name suggests, the speed dial lets you control the speed intensity of the jib movements.

### Damping Adjustment

The damping adjustment dial lets you control the level of damping and facilitates smooth, stabilized movements as the jib expands & retracts.



### Direction Control

The direction button lets you lock the direction you want your jib to move- forward or reverse.

### Retraction/Expansion

The forward/reverse buttons let you conveniently push out and pull in the jib arm.

- Insert the Speed Controller Remote by sliding it into the weight rod and properly tighten it using the provided knob.

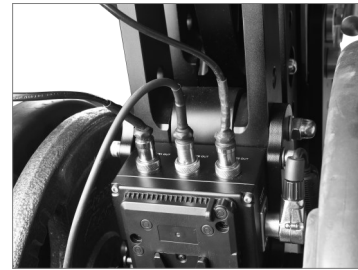
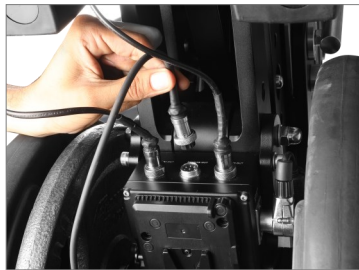
**NOTE:** The remote holding bar can be adjusted on the left or right side per your requirement.



- After attaching the Speed Controller Remote to the weight rod, affix the pin of a spiral cable to the Speed Controller Remote.
- Then tighten the pin of the spiral cable.



- Connect the Jib Controller cable on the 6-pin cable (Remote Out) and the Motor Driver Cable on the 3-pin cable (Motor 2 Out) of the Battery Plate.



- Attach the D-Tap wire to the V-Mount Battery (**Not Included**).



- Mount your V-Mount Battery onto the Battery Plate.

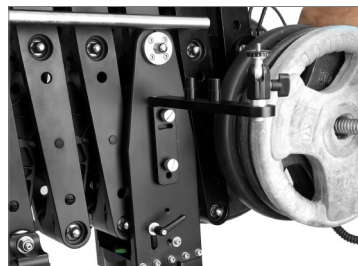
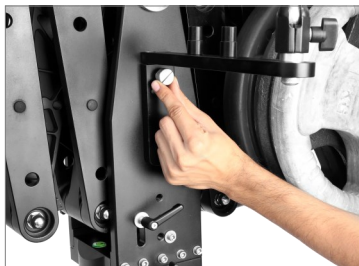
**NOTE:** The system is integrated with a V-Mount Battery Plate, which adapts a 14.8V V-Mount battery to power the drive system.



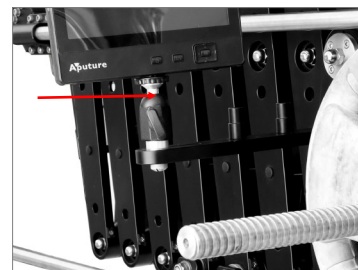
## LCD Monitor Arm Setup

- Connect the Monitor Arm and tighten it using the provided screws.

**NOTE:** LCD Mounting Arm helps in attaching an LCD Monitor for better viewing of shots; the arm can be mounted left/right per your requirement.



- Place the LCD monitor (**Not Included**) on the Monitor Arm and lock it by twisting the screw.



- To power your LCD, insert its wire's first port in the motor and the second port to the back side of the LCD.



## Mitchell Dampening Head Setup

**IMPORTANT NOTE:** Do not keep loosening the knobs once the thread on the bolts is visible, as shown in the image.



- Firstly, remove the Castle Ring from the Sway Mitchell Dampening Head.



- Attach the Sway Mitchell Dampening Head with the Camera Mount Plate and tighten the Castle Ring from the top using the Castle Nut Wrench.



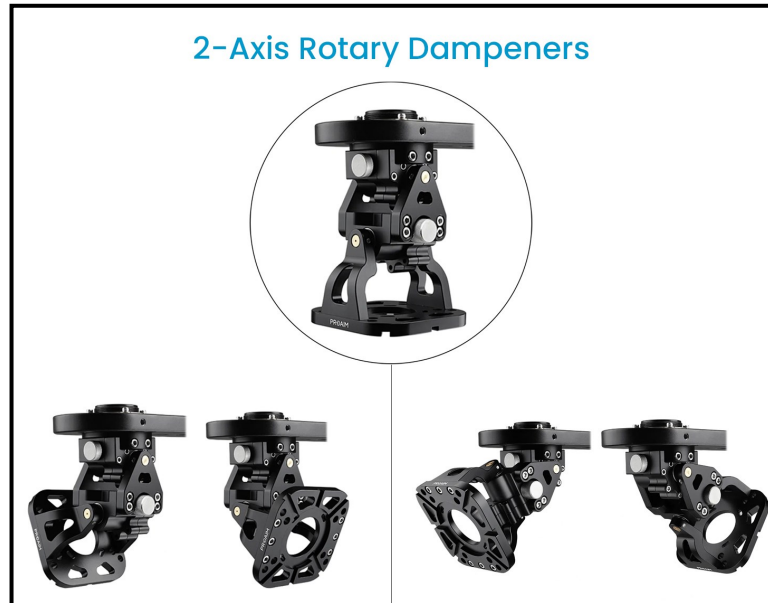
- Loosen the Mitchell Ronin Mount and remove the Castle nut.
- Now, attach the castle nut to the bottom part of the Sway Mitchell Dampening Head, as shown in the image.



- After attaching the Mitchell Ronin Mount with the Sway Mitchell Dampening Head, tighten the attachment through the Castle Ring.



## Smooth Camera Moves

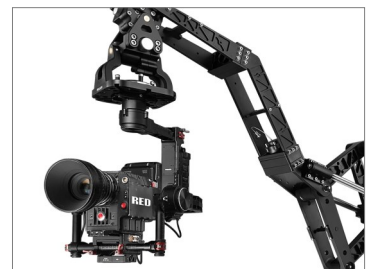


## Gimbal Mounting

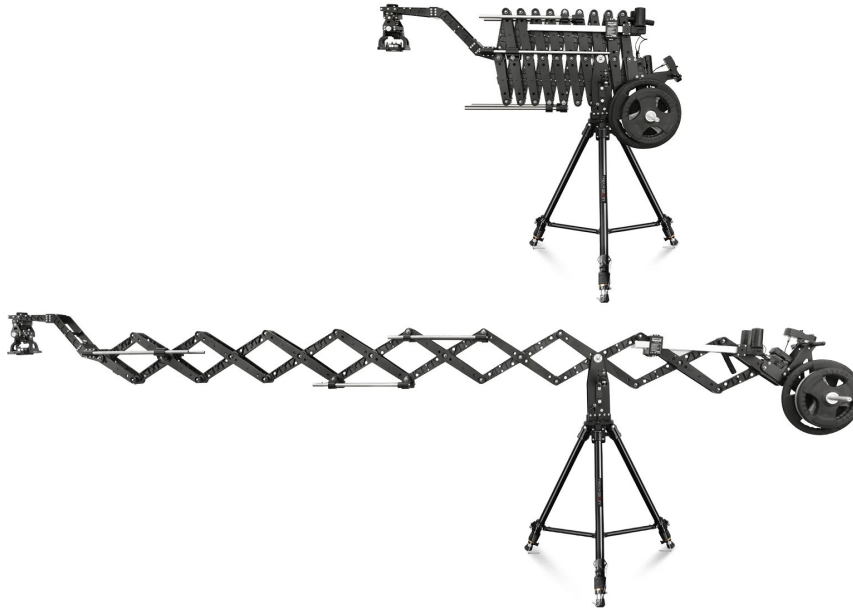
- Slide the Gimbal (**Not Included**) onto the Mitchell Ronin Mount.



- Lock the assembly with the locking lever provided on the Gimbal (**Not Included**).



**YOUR PROAIM SJ30 POWERMATIC SCISSOR 17FT TELESCOPIC VIDEO CAMERA JIB  
ALL DRESSED UP AND READY TO GO!**



**(SHOWN WITH OPTIONAL ACCESSORIES)**

**Warranty:** We offer a one-year warranty for our products from the date of purchase. Within this period, we will repair it without charge for labor or parts. The warranty doesn't cover transportation costs, nor does it cover a product subjected to misuse or accidental damage. Warranty repairs are subject to inspection and evaluation by us.

**Liability:** We are not liable for damage caused by products we do not supply or from mishandling in transit, accident, misuse, neglect, or lack of care of the product or service by anyone other than our company.

**Contact Us:** If you are dissatisfied, please contact us immediately. We promise our utmost support and care until you use our product.