

## 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



Monitor Arm



Remote Holding Bar



Handle



2 x Weight  
 Closers



4 x Guide Rods

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Weight bar



Ronin Controller Bracket



BNC Wire



HDMI Male to Male Wire



Speed Controller



Clamp for Remote



Controller Spiral Cable



15V AC Adapter



D-Tap wire



4 x Bush's



Mitchell Ronin Mount



4 x Allen Screws (Size: 8 x 25")



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



4x Allen Screws (Size: 8 x 20")



Universal Adapter



2 x Mitchell keys



Socket HDMI Mini



2 x Spanners (Size: 17mm)



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



Black Flight Case



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



## Safety Hints

**ATTENTION: PLEASE READ THIS BEFORE USING THE CRANE TO PREVENT DAMAGE!**

### **Assembly Caution:**

Be attentive when assembling Dolly, Tripod & Crane to prevent equipment damage. Avoid assembly under the influence of alcohol or drugs.

### **Watch Your Hands:**

Operate cautiously to avoid pinching hands or fingers between arms. Ensure secure connection of all Crane sections.

### **Stability Check:**

Operate the Crane only on a leveled, stable surface. Connect steel cables for stabilization without hindering Crane movements.

### **Weather Awareness:**

Exercise caution when operating in bad weather. Protect the pan-tilt/gimbal head and control bar from rain to prevent damage.

### **Safety Precautions:**

Avoid operation near high-voltage power cables. Keep the Crane's surroundings clear and establish the correct weight balance before telescoping.

### **Battery Maintenance:**

Monitor battery levels to prevent functional issues. Fold the Crane for longer transfers and use locking pins for stability when adjusting height.

### **Technical Support:**

For further assistance or queries, contact our sales representative for online technical support. Operating the Crane safely ensures better shots and smooth operation.

**FOLLOWING THESE GUIDELINES WILL PROVIDE BETTER SHOTS AND TROUBLE-FREE OPERATION. IF YOU NEED ADDITIONAL INFORMATION, YOU CAN AVAIL TECHNICAL ASSISTANCE 'ONLINE' BY CONTACTING OUR SALES REPRESENTATIVE.**

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## Powermatic Scissor Jib Setup

- Loosen and remove the Castle Ring of the Scissor Jib.



- Place Scissor Jib on top of the Jib Stand.

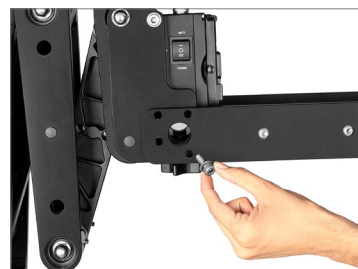


- After securely mounting the Scissor Jib on the Jib Stand, re-insert the Castle Ring from the bottom and tighten it using the Mitchell key.

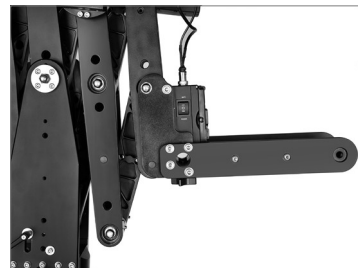
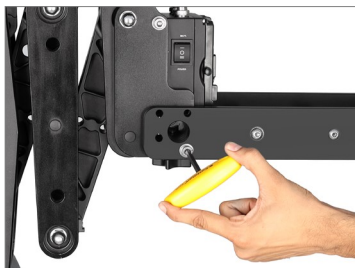
**NOTE:** the leveling of the Crane can be checked via the provided bubble leveler.



- 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 secure the weight bar.

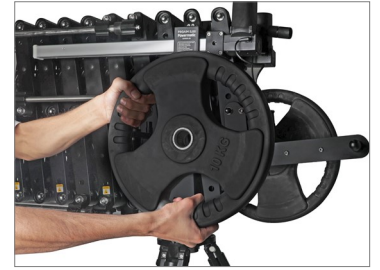
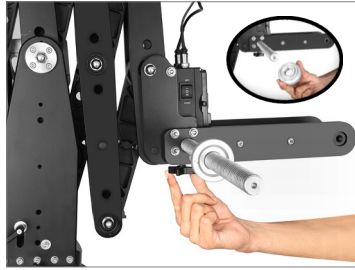


- Loosen the bottom knob of the weight bar and insert the weight rod.

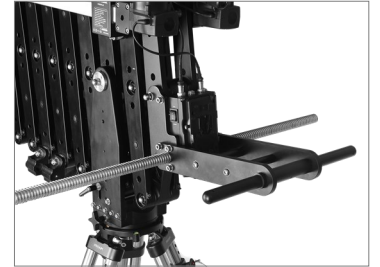




- After inserting the Counter Weight rod, re-tighten its knob and remove the weight closer from the rod.
- Now, insert the weights per your requirement and secure them with the weight closer.



- Insert the remote holding bar into the hole provided on the Weight bar.



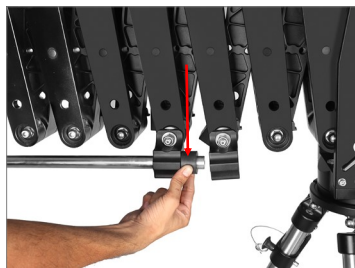
- Remove the bolt from the Guide Rod using the 5mm Allen key.



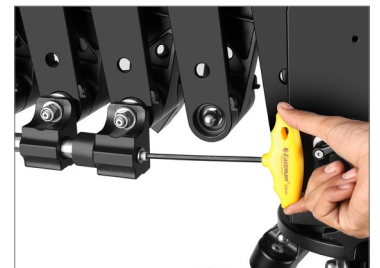
- Insert the Guide Rods in the bracket of the Scissor Jib and insert bush in between the gap, as shown in the image.



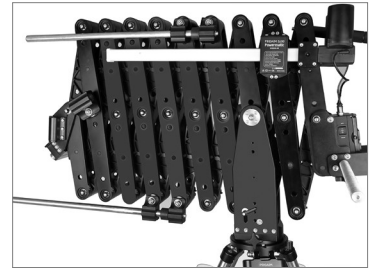
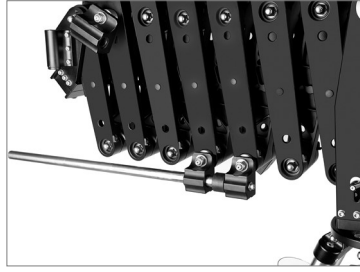
- After inserting the Bush, securely insert the Guide Rod.



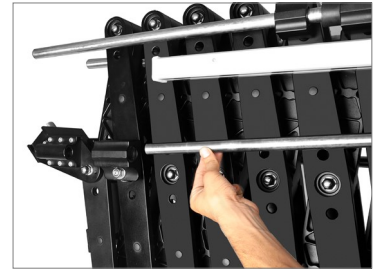
- Tighten the bolt of the Guide Rod using the 5mm Allen Key.



- Follow the same process to attach the remaining Rods.



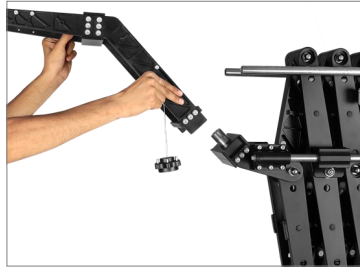
- Now, remove the bolt of the Rod from the other side using the 5mm Allen key and insert the rod in the jib bracket.



- Insert the bolt and secure the Guide Rod using the 5mm Allen Key.



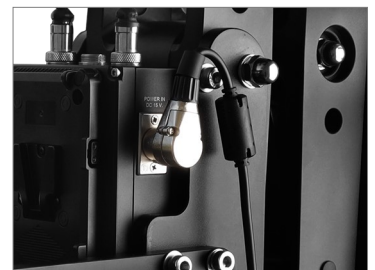
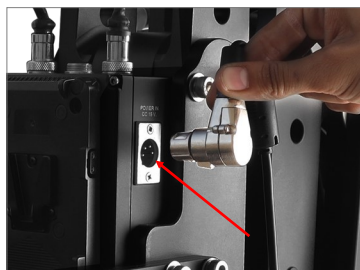
- Mount the camera mount plate on the Jib bracket.



- Now, insert the castle nut into the camera mount plate 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

- Slide the Speed Controller clamp onto the speed controller.
- Determine the positioning of the clamp and tighten it in position 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

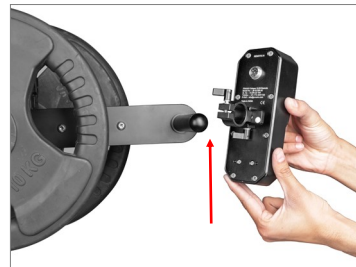
The direction button lets you lock the direction you want your jib to move- forward or reverse.

### Retraction/Expansion

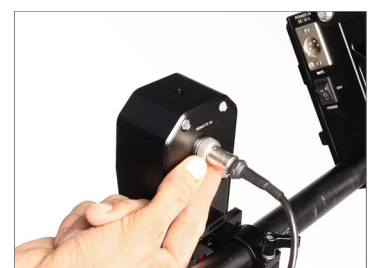
The forward/reverse buttons let you conveniently push out and pull in the jib arm.

- Insert the Speed Controller by sliding it onto the weight rod and securely tighten it using the provided knob.

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

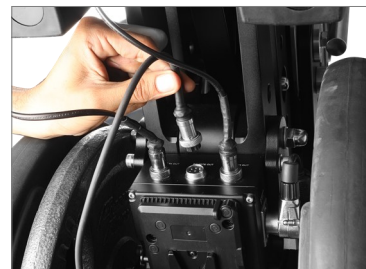


- After attaching the Speed Controller Remote to the weight rod, affix the pin of the Spiral cable to the Speed Controller Remote.
- Now, tighten the pin of the Spiral cable.





- Connect the Jib Controller cable on the 6-pin cable (Remote Out) of the Battery Plate.



- Connect the motor Driver Cable1 to the 3-pin Cable (Motor1 Out) (left) and Driver Cable 2 to the 3-pin Cable (Motor2 out) (right) 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.

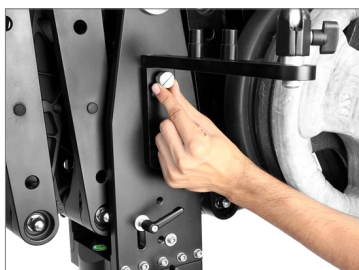
**NOTE:** The system is integrated with a V-Mount Battery Plate, which adapts a 14.8V V-Mount battery to power the drive system.



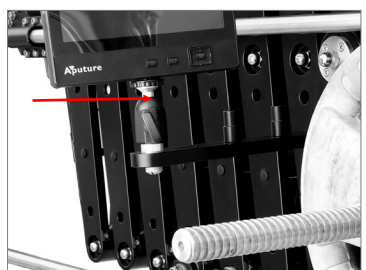
## LCD Monitor Arm Setup

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

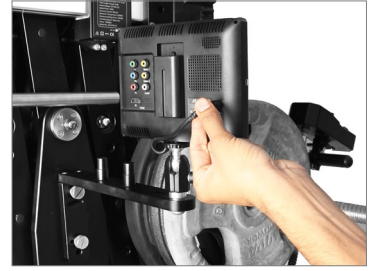
**NOTE:** LCD Mounting Arm enables LCD monitor attachment for better viewing of shots; the arm can be mounted on either left or right side per your requirement.



- 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

- Remove the Castle Ring from the Sway Mitchell Dampening Head.



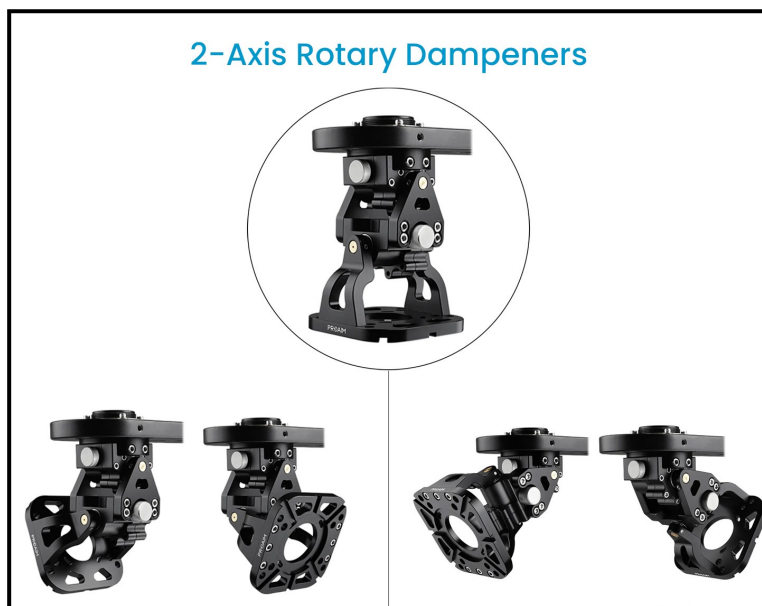
- Attach the Sway Mitchell Dampening Head to the Camera Mount Plate, attach the castle ring and tighten it using the Castle Nut Wrench.



- Loosen the Mitchell Ronin Mount and remove the Castle nut.
- Now, attach the castle nut to the bottom portion of the Sway Mitchell Dampening Head.



## Smooth Camera Moves



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



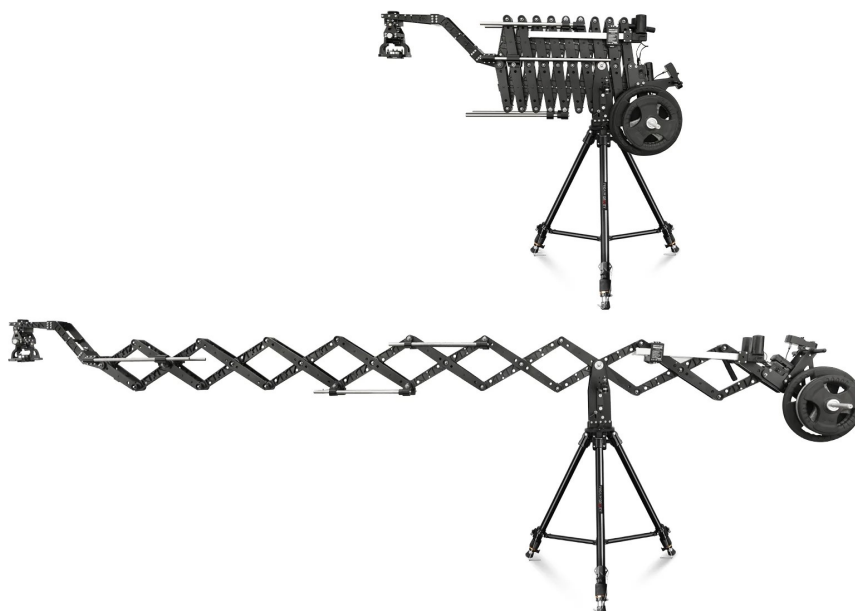
- Slide the Gimbal (Not Included) onto the Mitchell Ronin Mount.



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



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



(SHOWN WITH OPTIONAL ACCESSORIES)

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

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

**Contact Us:** In case of any kind of dissatisfaction, please contact us immediately and we promise our utmost support and care until you use our product.