




PROAIM P-W5P-FLT 32ft Flight Package Instruction Manual

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**32 ft Flight Package
(P – W5P – FLT)
INSTRUCTION MANUAL**



Exclusive of Camera, Power Pack, Weights

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PROAIM FLIGHT PACKAGE

At PROAIM, our goal is to ensure 100% Customer satisfaction in all that we do.

We back our sales with a 1-year warranty from the date of purchase and work hard to resolve any problems in the unlikely event one should arise.

With our commitment to continuous improvement and your Feedback, building on our reputation of providing affordable, quality products is PRIORITY 1.

Dear Client

On behalf of all the people that work so hard to provide you with the most up-to-date, flexible, and cost-efficient production gear, we would like to welcome you into the PROAIM family. By purchasing your PROAIM FLIGHT PACKAGE, you have just joined a host of designers, engineers, machinists, assembly, customer service, and office staff that take great pride in all that they do. Our mantra of continuous improvement has been the guiding principle of how we conduct our business since day one. Once you have the opportunity to experience your new PROAIM Flight package, we hope you will agree that we craft quality products at a competitive price. Products designed to meet and exceed the standards of today's real production world. Standards set by you, our valued clients, and standards we strive to maintain. For they will always be



IT IS IMPORTANT THAT YOU READ AND UNDERSTAND THIS GUIDE BEFORE ATTEMPTING TO ASSEMBLE OR USE YOUR NEW PROAIM FLIGHT PACKAGE.

SHOULD YOU NEED ADDITIONAL INFORMATION, TECHNICAL ASSISTANCE IS AVAILABLE 'ON LINE' BY CONTACTING YOUR SALES REPRESENTATIVE.

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INTRODUCTION

From sweeping panoramas to intimate close-ups in a single move, video crane shots have always added dramatic energy to enhance the field of view. Found at sporting events, music videos, TV series, Feature Films, and studio productions, video crane shots turn ordinary into extraordinary.

WHAT'S IN THE BOX



Please inspect the contents of your shipped package to ensure you have received all that is pictured and listed below. The padded shipping/storage containers have been specially designed to protect your purchase while in transit and are a good place to keep your Flight package when not in use.

Packaging Material of Box-1



- D- 37 Dolly
- Dolly platform

Packaging Material of Box-2



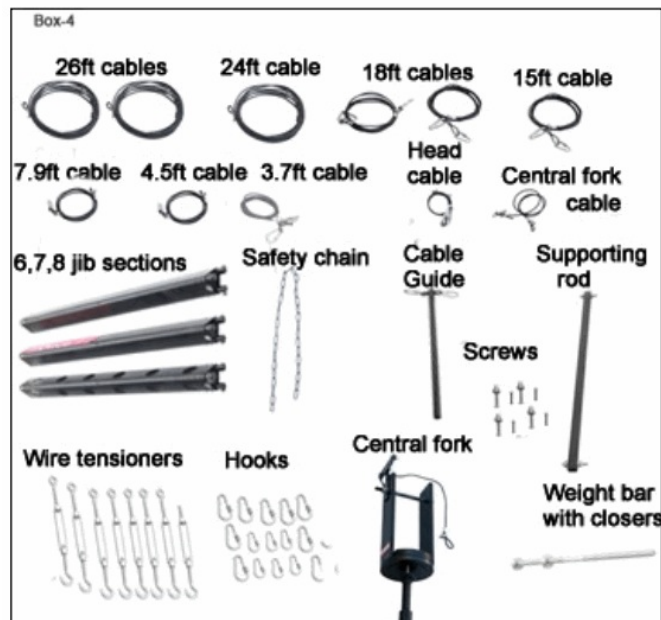
- Tripod stand

Packaging Material of Box-3



- Head Platform
- 1st jib section—5th section

Packaging Material of Box-4



- 2x 26ft cables
- 24ft cable
- 2x 18ft cables
- 15ft cable
- 7.9ft cable
- 4.5ft cable
- 3.7ft cable
- Head cable
- Central fork cable
- 6-8 jib sections

- Safety chain
- Cable guide
- Supporting rod
- 8x Wire tensioners
- 15x Hooks
- Central fork
- Weight bar with closers
- Screws

Packaging Material of Box-5



- Gold Pan Tilt Head
- Joystick Control
- Cables
- Universal Adapter
- Adapter

Packaging Material of Box-7



- 2x Gear brackets
- E- Focus (NOT INCLUDED)
- Gear rings
- Cables
- Battery
- Adapter
- Wire

Please use the following sequence of pictures and text in the order they appear to set up your new PROAIM FLIGHT PACKAGE. Technical assistance is available by contacting our sales representative.

ASSEMBLING D-37 DOLLY & TRIPOD STAND

- You will receive your D-37 dolly collapsed for shipping/storage purposes. To extend the legs pull out on each leg until it reaches joining connections and secures with the bolts as shown below.



- Set the position of wheels and lock wheels with a provided lever which allows you to have stable shots.



- Attach dolly platform to D-37, screw in the Allen bolts to desired positions, and tighten all the connections with the help of the Allen key.



- Attach the legs of the tripod stand with the D-37 dolly as shown in the image.

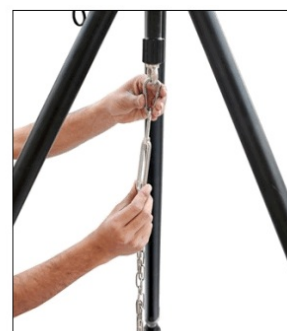


- Detach Locking clamp from the central fork, mount central fork to tripod bowl, again attach Locking clamp for a secure connection.



Locking clamp

- To add stability to your Jib, attach the wire tensioner with a hook on the Locking clamp, then attach the safety chain with a hook on the D-37 dolly and attach another part with a wire tensioner as shown below.



- Wire tensioner and safety chain setup should be properly aligned to ensure stability.



ASSEMBLING JIB SECTIONS

- Install the 7th Section (largest diameter section to the rear) to the vertical pivot point through bolt, washers, and nut. Tighten the nut properly to secure the section.



- Slide in (8th) section to the rear to join the 7th section. Install the Allen screws to the joining holes of both sections and tighten them.



- Using the same approach insert 6th, 5th, and remaining sections to the joints and secure them via bolts as shown below.



ASSEMBLING CABLE GUIDE AND ROD SUPPORT

- Attach cable guide to cable guide clamp on 7th section properly. Loosen the bolts on the cable guide clamp in order to attach the cable guide support rod to it. Retighten the bolt.



Cable guide
Support rod

- Attach hooks to provided hook slots on all sections of the jib as shown below.



- Then attach 3 hooks to the hook that you attached (as per the above image) with the 1st & 3rd sections.



- Attach 3 hooks one after another t four-wire tensioners.

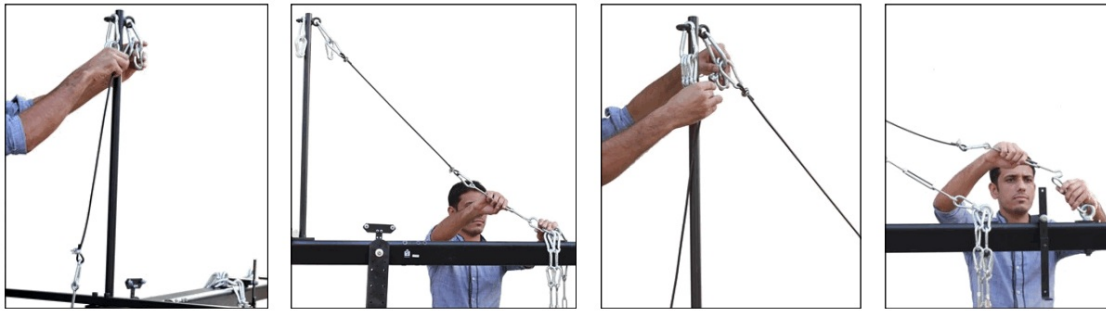


- Attach 2 hooks on both slots on the cable guide. Then attach three extra hooks to the hook that is attached to the front side and two hooks to the hook that is attached to the back side.

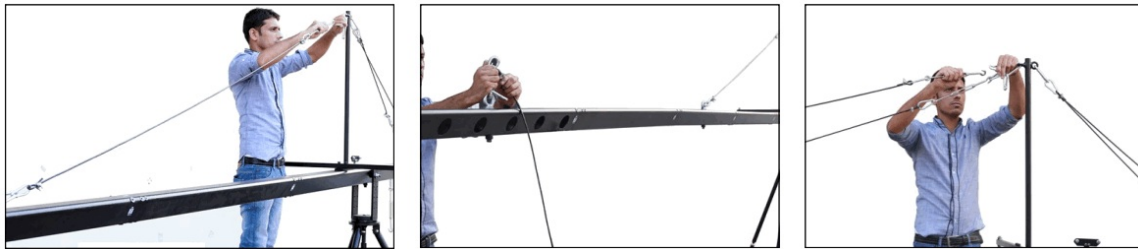


ASSEMBLING CABLES

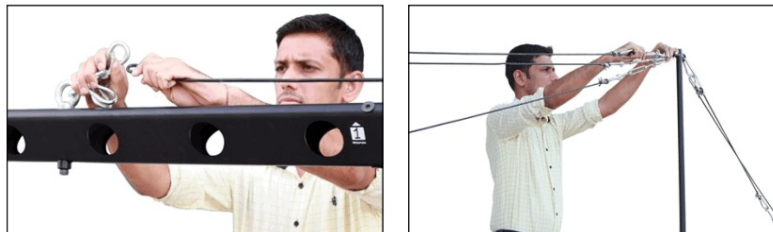
- Now attach one end of 3.7ft cable to hook on the backside and another end to hook on 1st slot on jib section with the help of wire tensioner.
- Attach 4.5ft cable to the same hook on cable guide and another end with a hook on the 2nd slot of the rear section as shown below.



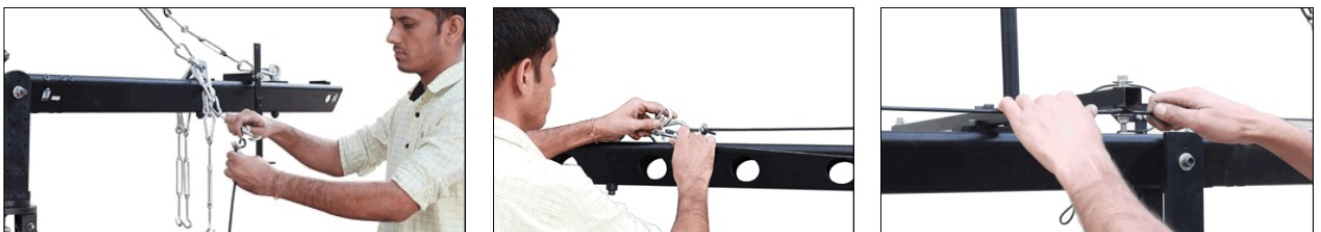
- Attach one end of the 7.9ft cable to one of the hooks attached on the front side of the cable guide and another end with a hook attached to the 5th section of the jib.
- Then attach one end of 15ft cable to hook attached on 3rd section and another end with the 2nd hook attached to cable guide as shown below.



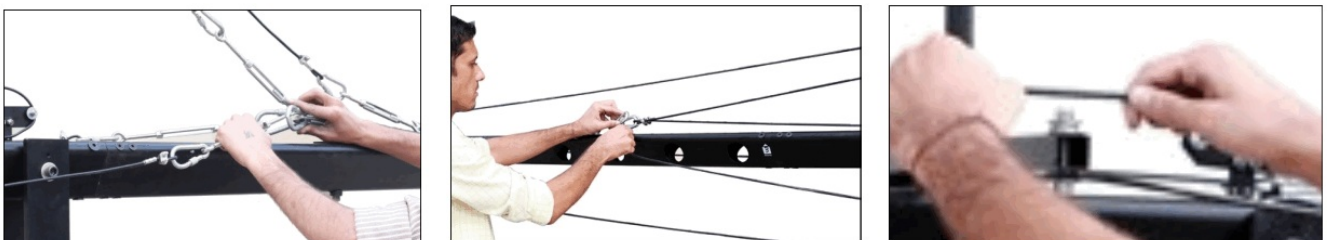
- Attach 24ft cable to hook attached on 1st section of the jib and another end with 3rd hook attached to cable guide as shown below.



- Then attach one end of 26ft cable to wire tensioner with hooks attached to 8th section and another end with 2nd hook attached on 1st section.
- Using the same approach attach another 26ft cable to wire tensioner on another side of the jib and one end with 3rd hook on 1st section.
- Now pass both side cables through space on the bottom of the cable guide support rod as shown below.



- Attach 18ft cable to wire tensioner with a hook attached to 8th section and another end with a hook on 3rd section.
- Using the same approach attach the 2nd 18ft cable from another side and attach the end to the 3rd hook on the 3rd section.
- Pass both side cables (small) through space on top of the cable guide support rod as shown below.



INSTALLING THE HEAD PLATFORM

- Install the Head Platform assembly (leveling arm up) to the end of the smallest section with the provided bolt, shaft collars, washers, and nut. Tighten all the Allen bolts and nuts to secure properly.



Note: Install the pan tilts head.



INSTALLING GOLD PAN TILT HEAD

- Attach gold pan-tilt head to the base of head platform with screws, bolts.
- You can adjust the height of the camera plate with the help of a provided knob.



- Mount your camera setup onto the camera plate on a gold pan-tilt head with the screwed knob on the **base**.



NOTE: Cameras and rails are not included in the package.

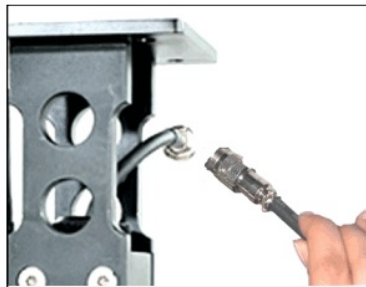
- Attach 2x gear rings to the camera lens.
- Now insert a 2x gear bracket into your rail system and tighten with the help of provided knobs.



- Attach one end of cables to a connecting point on a 2x gear bracket and another end to E-focus (**NOT INCLUDED**) as shown below.
- Then attach the battery to E-focus (**NOT INCLUDED**) and secure.



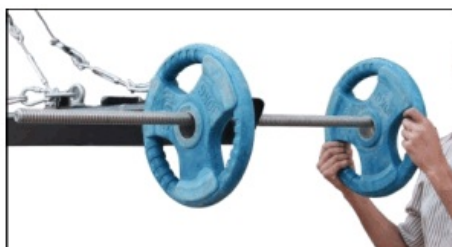
- Attach head cable to cable connected to gold pan-tilt head as shown below.



- Loosen the knob on the rear section, remove closers from the weight bar and insert it into the slot on the rear section. Retighten the knob to ensure a slip-free connection.



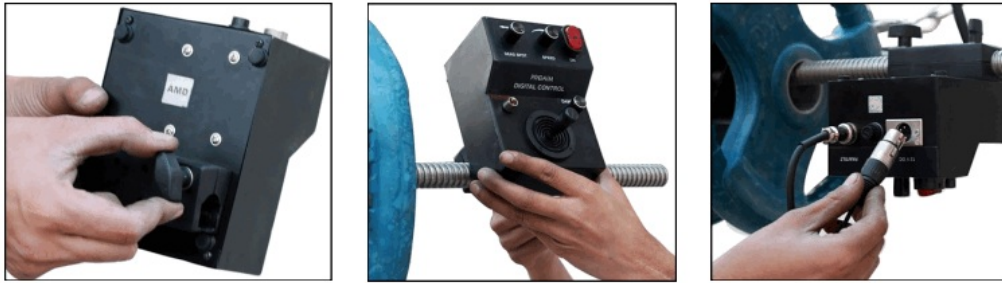
- Attach weights (not supplied) to both ends of the weight bar, secure with the help of closers.



- Attach LCD mount L-bracket to bracket already attached to rear section with a knob.
- Now mount LCD (not included) to L-bracket and tighten with a screwdriver.



- Loosen the knob on the joystick control in order to attach it to the weight bar.
- Attach another end of the cable attached to the gold pan-tilt head to joystick control connections as shown below.



Balancing Tips:

1. 32' Jib

Weights required for balancing only Jib (without camera & Pan Tilt) is: 98 Kg (216 lbs)

For balancing 7 Kg (15.4 lbs), we further need another 45.5 Kg (100.3 lbs), the formula is: (Weight of Camera + Pan Tilt) x 6.5 = Additional counterweight required to balance the equipment on the Jib (e.g. 7Kg x 6.5 = 45.5 Kg)

Total recommended weight: 143.5 Kg (316.3 lbs)

2. 28' Jib

Weights required for balancing only Jib (without camera & Pan Tilt) is: 67.7 Kg (149.3 lbs)

For balancing 7 Kg (15.4 lbs), we further need another 39.2 Kg (86.4 lbs), the formula is: (Weight of Camera + Pan Tilt) x 5.6 = Additional counterweight required to balance the equipment on the Jib (e.g. 7Kg x 5.6 = 39.2 Kg)

Total recommended weight: 106.9 Kg (235.7 lbs)

3. 24' Jib

Weights required for balancing only Jib (without camera & Pan Tilt) is: 47.7 Kg (105.2 lbs)

For balancing 7 Kg (15.4 lbs), we further need another 29.4 Kg (64.8 lbs), the formula is: (Weight of Camera + Pan Tilt) x 4.2 = Additional counterweight required to balance the equipment on the Jib (e.g. 7Kg x 4.2 = 29.4 Kg)

Total recommended weight: 77.1 Kg (170 lbs)

4. 20' Jib

Weights required for balancing only Jib (without camera & Pan Tilt) is: 25.3 Kg (55.8 lbs)

For balancing 7 Kg (15.4 lbs), we further need another 25.9 Kg (57 lbs), the formula is: (Weight of Camera + Pan Tilt) x 3.7 = Additional counterweight required to balance the equipment on the Jib (e.g. 7Kg x 3.7 = 25.9 Kg)

Total recommended weight: 51.2 Kg (112.8 lbs)

5. 16' Jib

Weights required for balancing only Jib (without camera & Pan Tilt) is: 12.7 Kg (28 lbs)

For balancing 7 Kg (15.4 lbs), we further need another 17.5 Kg (38.6 lbs), the formula is: (Weight of Camera + Pan Tilt) x 2.5 = Additional counterweight required to balance the equipment on the Jib (e.g. 7Kg x 2.5 = 17.5 Kg)

Total recommended weight: 30.2 Kg (66.6 lbs)

6. 12' Jib

Weights required for balancing only Jib (without camera & Pan Tilt) is: 1.7 Kg (3.7 lbs)

For balancing 7 Kg (15.4 lbs), we further need another 10.5 Kg (23.1 lbs), the formula is: (Weight of Camera + Pan Tilt) x 1.5 = Additional counterweight required to balance the equipment on the Jib (e.g. 7Kg x 1.5 = 10.5 Kg)

Total recommended weight: 12.2 Kg (26.8 lbs)

**YOUR PROAIM 32ft FLIGHT PACKAGE
ALL DRESSED UP AND READY TO GO**



(SHOWN WITH OPTIONAL ACCESSORIES)

Warranty: We offer one year warranty for 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.

Documents / Resources

	<p>PROAIM P-W5P-FLT 32ft Flight Package [pdf] Instruction Manual P-W5P-FLT, 32ft Flight Package, P-W5P-FLT 32ft Flight Package, Flight Package</p>
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