



# Alphabet 21ft Jib Crane Package (P-A21-JCP)

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Instruction Manual

PROAIM

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.

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## ■ Welcome To Proaim!

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 Alphabet 21ft Jib Crane 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 Alphabet 21ft Jib Crane 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 our valued clients and standards we strive to maintain.

With Best Wishes,  
Proaim Team

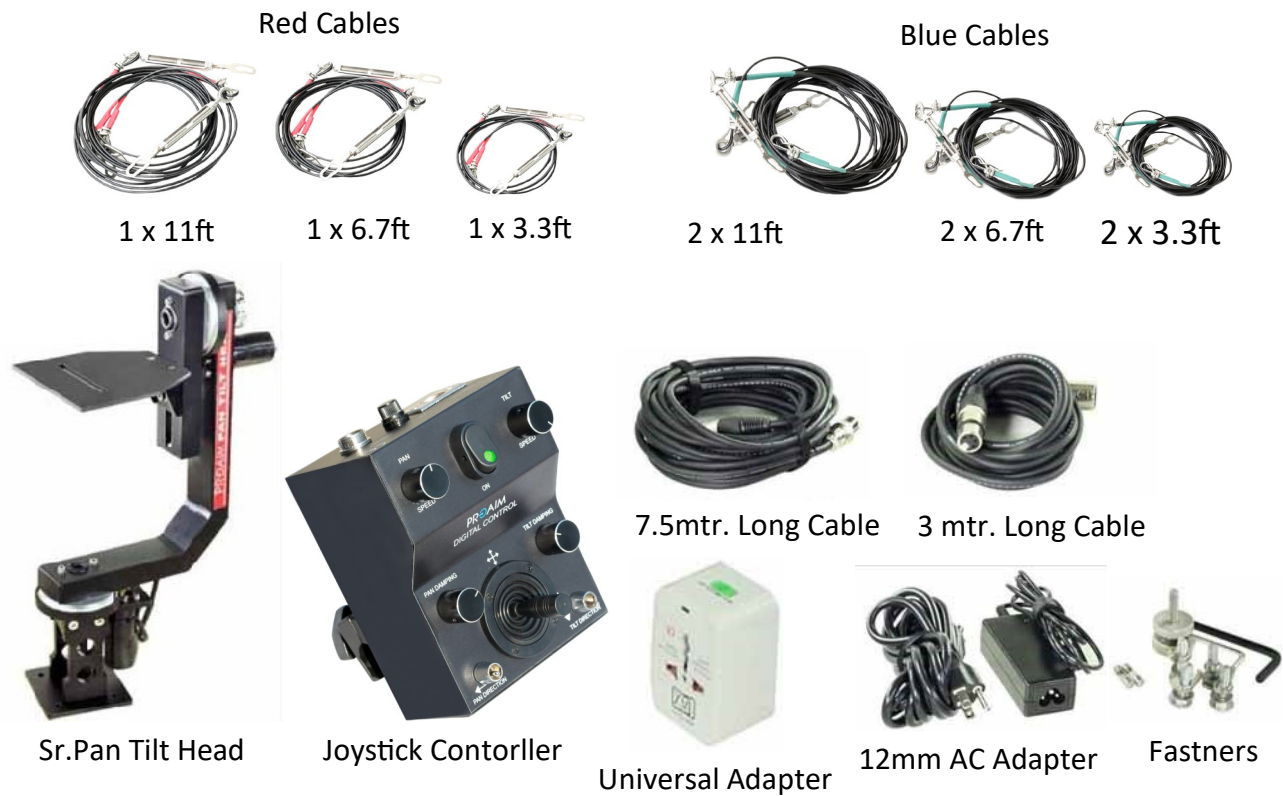
## ■ Introduction

Camera Cranes are quite important tools in the world of filmmaking especially when you want to add visual interest to your shots. To achieve this, Proaim introduced Alphabet 21ft Jib Crane Package that is highly stable and gets easily integrated into your shooting style. Along with this, we also kept it lightweight, compact and quick to assemble so that you can use it in various shooting scenarios.

## ■ What's In The Box

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





## 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.

## ■ Assembling the Dolly

- Take out the bolt from the center of folded dolly and spread it on floor. Then insert back this bolt at the same place.



- Now, place Jib Stand on Dolly and tie it down with the help of Elastic Clips, as shown.



**NOTE:** To keep the dolly in static position, lock the wheels by pushing down the lever.





## Assembling the Jib Crane

- Install Hub Section-2 of Jib into 100mm Bowl Jib Stand and tighten it with Center Locking Knob.



- Loosen knob at the end of Section-2 to slide Section-3 into it.



- Then tighten both the Sections together using provided knobs.



**NOTE:** Repeat the same process for connecting rest of the sections.



## Attaching the Cable Guide & Support Rods

- Attach Cable Guide Rod to Cable Guide Clamp on Section-2 properly. Then loosen the knob near Clamp in order to attach Support Rod to it.



- Retighten the knobs to secure properly.



## Attaching the Cables

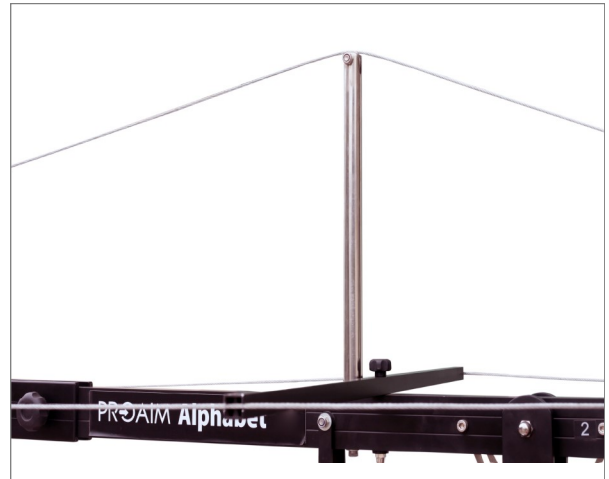
- Attach one end of 11ft Blue Cable to blue hook on Section-3 and other end to blue hook on Section-1.



- Similarly attach second Blue Cable and align both the cables to sides of Support Rod.



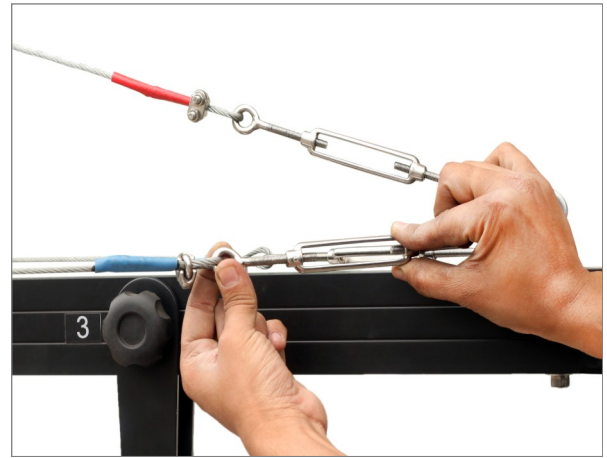
- Now attach one end of 11ft Red Cable to red hook on Section-3. Pull the other end while aligning it with Cable Guide Top Rod.



- Attach the other end to red hook on Section-1.



**NOTE:** The Cables have the Screw-In Cable Adjustment system in order to adjust cable tension to level the jib.



- Lock the Tilt Axis of jib arm with the help of shown knob.



- Insert Weight Rod and add Counterweights (**Not Included**) according to your camera setup requirements. Secure them with Weight Closers.



- The Central Fork has free hole to attach LCD Monitor Bracket (**Not Included**).



- The Camera Plate can be tilted upwards & downwards with the help of provided Handle, when the camera is directly attached without remote head.



- Finally, mount the camera directly on Head Plate with the help of provided chucknut.



## Safety Hints of Pan Tilt Head

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

### APPROPRIATELY MOUNT PAN TILT HEAD

The head must be attached securely with all knobs properly tightened, to avoid harm both to the equipment and crew.

### ALWAYS AFFIX CABLES CAUTIOUSLY

Lack of attention while connecting the cables with head may result in causing hindrance to its movement.

### BE WATCHFUL WHILE HEAD IS IN MOTION

Do NOT put fingers or other body parts near the movable elements of head when the Controller is switched on. It can result in wounds or other injuries.

### CAREFULLY USE THE BATTERY

When crane system is not-in-use, Switch-off the Joystick Controller to save on battery usage.

FOLLOWING THESE GUIDELINES WILL PROVIDE BETTER SHOTS AND TROUBLE FREE OPERATION.

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## Setup & Adjustment of Pan Tilt Head

Attach Sr. Pan Tilt Head with jib Mounting Plate. Align the screw holes and tighten precisely to secure the head. Mount your camera (Not Included) on the camera mounting plate of Pan Tilt Head.



## Attaching the Joystick Controller

- The Pan Tilt Head circuitry is built entirely into the Joystick Controller. The only requirement is AC Power pack (Included) or Battery Power. The power pack can handle 90-240 volts. Users will need the appropriate plug adapter for local use.

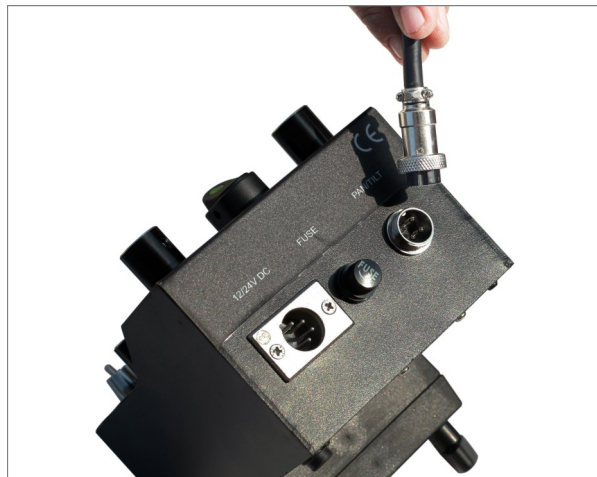
- (a) Install 12 volt DC power (4 pin XLR) in the socket of Joystick Box.

**NOTE:** Any 12 volt battery may operate this Pan Tilt Head as long as the Connector and the #1 Negative pin & #4 Positive pin of Cable meet together.



**CAUTION:** Do not use an unregulated power supply! If using a regulated power supply, it must produce less than 12 volts. More than 24 volts may cause permanent damage.

- (b) Attach 4-pin Power Cable with Joystick Controller . Then attach other cables of the motors with long cable.



- Attach the 4-pin male connector of Cable to 4-pin female connector of Head for Panning & Tilting.



- If the Joystick Control is opposite; undo the connectors of motors, rotate 180° and re-install.

## Balancing Chart

- Self-Balancing Weight: 27kg / 59lb

|                       |     |     |     |      |      |
|-----------------------|-----|-----|-----|------|------|
| <b>CAMERA WEIGHT</b>  | 1kg | 2kg | 3kg | 4kg  | 5kg  |
| <b>COUNTER WEIGHT</b> | 3kg | 6kg | 9kg | 12kg | 15kg |



**YOUR PROAIM ALPHABET 21FT JIB CRANE PACKAGE  
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.

We will repair or replace your product, free of charge, in the event of a defect in materials or craftsmanship obtained during normal use or handling based on the user manual. Please note that we will not cover any shipping costs for returning the product to us. If any VAT or import duties are applied to the return, we will also charge these costs to the customer.

The warranty does not include, by the way of example, 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.

We are not liable for incidental or consequential damages resulting from the use of the unit or occurring due to any breach of this warranty.

Replacement parts of the product will be provided at nominal cost (covering the cost price of the replacement parts only) to the customers after the Warranty Period has expired. We will cover the complete cost of sending replacement parts within the warranty period. After that, Nominal cost of the product & Actual shipping cost will be charged.

Do not send the unit to us without first getting a response and getting the approval to send back the item.

In case of any kind of dissatisfaction, we urge you to Contact us immediately and we shall do our Best to help you out. For any other assistance you can reach us via email.  
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