



Alphabet 21ft Jib Crane Package

(P-A21-JCP)

INSTRUCTION MANUAL



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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.

IN THE BOX

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



Supporting Accessories

 Support Rod	 2 x (Blue) 4ft
 Cable Guide	 2 x (Yellow) 14ft 5inch
 Weight rod with weight closer	 1 x (Red) 14ft 3inch
 8mm Male female knob set	 1 x (Red) 4ft
 8mm Female knob	
 Handle	
 8mm Male knob	

PAN TILT HEAD & SUPPORTING PARTS

 Sr. Pan Tilt Head	 Joystick Controller	 7.5 mtr. long cable
		 3 mtr. long cable
 Universal Adapter	 Fasteners	 12v ac Adapter

Proaim Portable Dolly



Storage Bags

ASSEMBLING YOUR PROAIM PORTABLE DOLLY

- Take out the bolt from the center of dolly and spread it on floor. Then put the bolt back through the center of dolly again.



- Now, place the tripod foot on the dolly and tie it down with the help of elastic clips as shown in the picture.



- Press the clamps to lock the wheels at static position.



ASSEMBLING JIB SECTIONS

- Install the Hub (Section 2 of Jib) into bowl of your 100 mm tripod stand and tighten the hub with center locking knob.



ASSEMBLING JIB SECTIONS

- Loosen the provided knob at the end of section 2 to slide the bars of section 3 into the end of section 2.



- Then tighten both the sections together using the provided knobs.

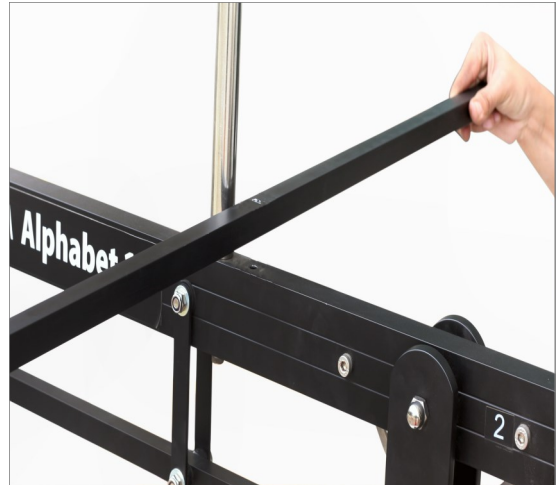


2. Section 2a with 2, 2b with 2a, 2c with 2b & 1 with 2c :

For attaching these sections follow the same steps as mentioned above.

ASSEMBLING CABLE GUIDE AND SUPPORT ROD

- Attach cable guide to cable guide clamp on 2nd section properly. Loosen the knob, ahead of cable guide clamp in order to attach cable guide support rod to it.



- Retighten the knob to secure properly.



ASSEMBLING CABLES

- Now attach one end of 14.5ft blue cable to blue hook on back side of jib (section 3) and the other end of blue cable to blue hook on front section of jib (section 1).



2. Section 2a with 2, 2b with 2a, 2c with 2b & 1 with 2c :

For attaching these sections follow the same steps as mentioned above.

ASSEMBLING CABLE GUIDE AND SUPPORT ROD

- Attach cable guide to cable guide clamp on 2nd section properly. Loosen the knob, ahead of cable guide clamp in order to attach cable guide support rod to it.



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ASSEMBLING CABLES

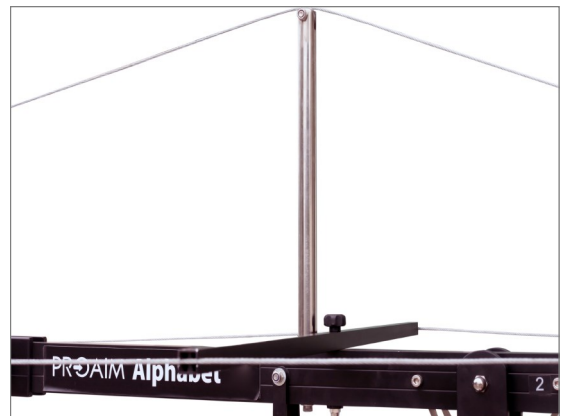
- Now attach one end of 14.5ft blue cable to blue hook on back side of jib (section 3) and the other end of blue cable to blue hook on front section of jib (section 1).



- Similarly attach the second blue cable and align both the blue cables to the side of support rod.



- Now attach one end of 14.3ft red cable to red hook on back side of jib (section 3) and align the red cable to the cable guide from top.

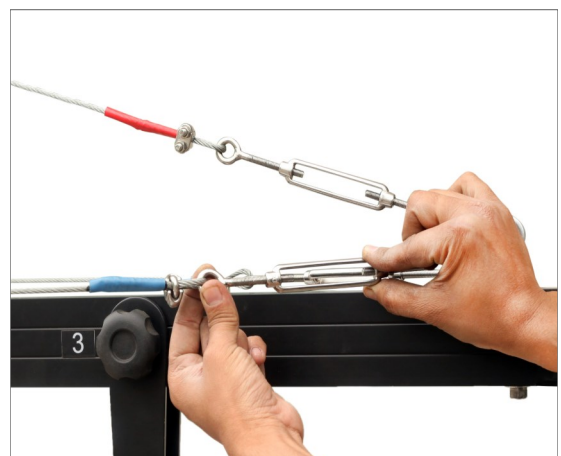


- Then, attach the other end of red cable to red hook on front section of jib (section 1).



ADJUSTING THE WIRE TENSIONER

- The wires have the screw-in wire adjustment system in order to adjust the wire tension to level the jib .



- The jib arm can be locked (tilting) with the help of this knob.



- Insert the weight rod & weights (**not supplied**) to both ends and secure with the help of closers.



- The central fork has free hole to attach LCD mount bracket (**not included**).



- The camera plate can be tilted upwards & downwards with the help of provided handle.



MOUNTING CAMERA ON HEAD PLATFORM

- Camera can be mounted directly on the head platform with the help of provided chuknut.



Please use the following sequence of pictures and text in the order they appear to set up your new Sr. Pan and Tilt Head. Technical assistance is available by contacting your sales representative.

- Attach the PROAIM™ Sr. PAN-TILT HEAD base platform to the tripod or jib arm using the four ¼” screws. Tighten to secure.



CABLES & CONTROL BOX

- Install the 12 volt DC power (4 pin XLR) in rear of joystick box.

Note: Any 12 volt battery may operate the PROAIM™ Sr. PAN TILT HEAD as long as the connector mates and is #1 pin Negative and #4 pin Positive.



CAUTION: DO NOT USE A UNREGULATED POWER SUPPLY! IF USING A REGULATED POWER SUPPLY IT MUST PRODUCE LESS THAN 12 VOLTS. MORE THAN 24 VOLTS MAY CAUSE PERMANENT DAMAGE.

JOYSTICK

- The joystick may be operated hand held, from a flat surface like a table top or attached to the boom arm of the jib.

HEAD CABLE

PROAIM™ Sr. PAN TILT HEAD Digital only



- Attach the 4-pin power cord to rear of joystick box.
- Attach the four pin male connector of cable to the four pin female connector of head for panning & tilting.
- If the joystick control is opposite, undo the connectors at the motors, rotate 180 degrees and re-install.



Balancing Chart

12ft jib

Length: 12 ft

Camera Plate Length: 0.8 ft

Length without Camera Plate: 10.3 ft

Length with camera Plate: 11.1 ft (Complete Length)

Camera Weight	Without Camera	1KG	15Kg
Counter Weight	No need counter weight, it is balanced with weight rod whose weight is 3.2 kg	Weight rod + 1.5kg	22.5Kg

15ft jib

Length: 15 ft

Camera Plate Length: 0.8 ft

Length without Camera Plate: 13.72 ft

Length with camera Plate: 14.52 ft (Complete Length)

Camera Weight	Without Camera	1KG	15Kg
Counter Weight	7Kg	$(7 + 2.25)=9.2\text{Kg}$	41Kg

18ft jib

Length: 18ft

Camera Plate Length: 0.8 ft

Length without Camera Plate: 17.15 ft

Length with camera Plate: 17.95 ft (Complete Length)

Camera Weight	Without Camera	1KG	15Kg
Counter Weight	16Kg	$(16 + 3.5)=19.5\text{Kg}$	68.5Kg

21ft jib

Length: 21 ft

Camera Plate Length: 0.8 ft

Length without Camera Plate: 20.6 ft

Length with camera Plate: 21.4 ft (Complete Length)

Camera Weight	Without Camera	1KG	15Kg
Counter Weight	28Kg	$(28+4.2)=32.2\text{Kg}$	91Kg

**YOUR ALPHABET 21FT CAMERA JIB CRANE PACKAGE
ALL DRESSED UP AND READY TO GO!**



(SHOWN WITH OPTIONAL ACCESSORIES)

Warranty: We offer one year warranty for our products from 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.