

RPT 6 Head: Set Up Instructions:

Page One: Check List



Frame with mounting knob



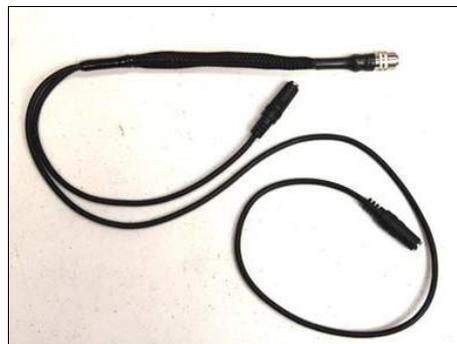
Joystick Controller



Power Supply



Extension Cable



Y Cable



Camera Mounting Hardware



1: Remove the 4 star knob from the Frame .



2. Use the knob to attach the head to the camera platform of the Skinny Jib. You have the option to mount the head in over or under slung position.



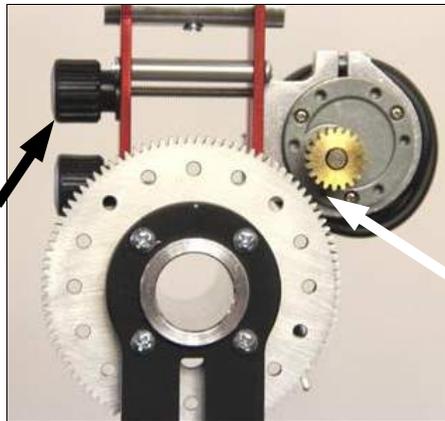
3. Use the camera mounting hardware provided to attach the camera to the camera cradle of the head. Drive the long screw deep into the camera, then use the lobe knob to jam it firmly in place

IMPORTANT NOTE:
Balancing the camera correctly is very important for the head to perform properly. You must balance the camera both horizontally and vertically to get zero gravity balance.

Horizontal balance is the balance between the front and back of the camera.

Vertical balance is the balance between the top and bottom of the camera.

Step 4 through 9 are the balancing steps.



4: For balancing, disengage the motor gears from the larger gears. This is especially true for the tilt gears.



5. **HORIZONTAL BALANCE:** Balance the camera horizontally by sliding the camera forward or backward as shown above. Loosen the mounting knob slightly to allow the camera to slide.

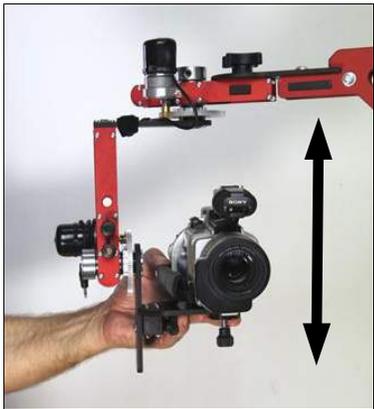


6. After achieving good horizontal balance, re-tighten the camera firmly to the platform.



7. **VERTICAL BALANCE:**

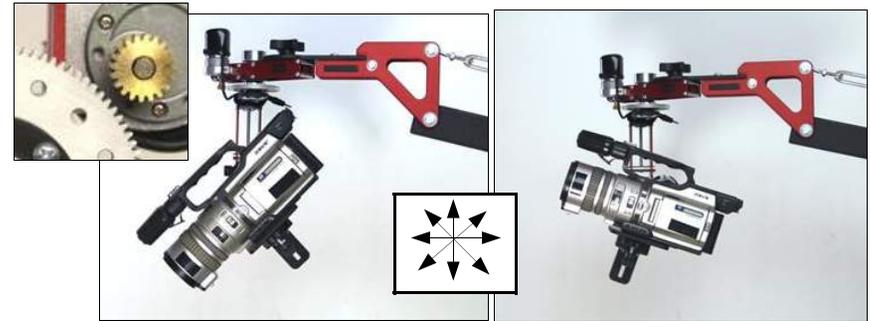
Use the knob on the underside of the camera cradle to loosen or tighten the camera cradle and adjust its position.



8: Vertical balance is achieved by raising and lowering the camera cradle and finding the balance point between the top and bottom of the camera.

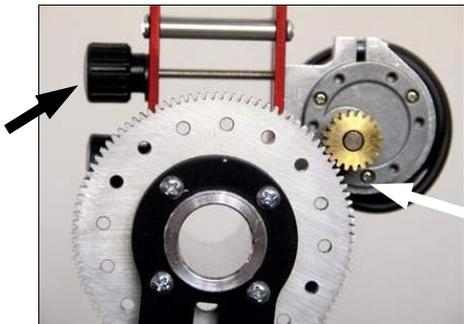


9A: You may find it easier to point the camera straight upward and slide the camera cradle left and right. From this position, moving the cradle left to right is actually balancing between the top and bottom of the camera.

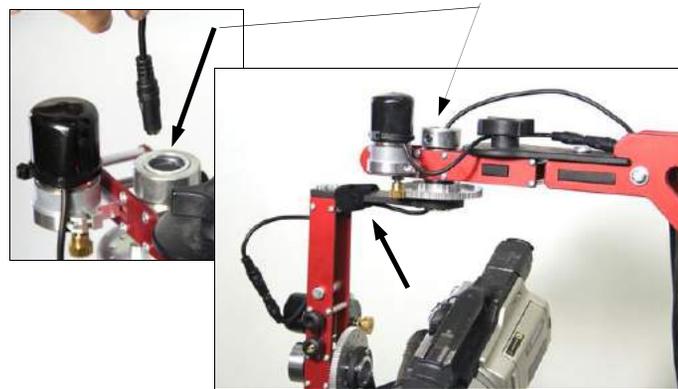


9B: A combination horizontal and vertical balance is also called "zero gravity" balance. Perfect balance is achieved when you can position the camera at various positions (pointing upward or pointing downward) and the camera will stay in place when released. Gravity will not move it up or down. Repeat steps 6 thru 9 to get it perfect.

NOTE: Be sure to test this with the tilt motor dis-engaged.

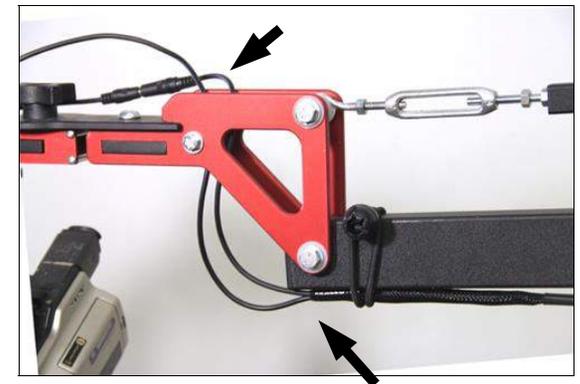


10: Once the vertical balance is achieved, engage both the tilt and pan motors and tighten the motor knobs.

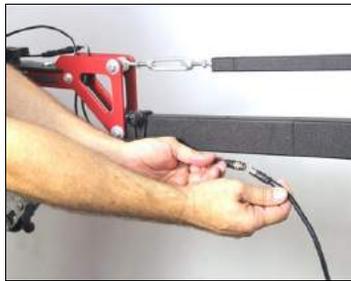


11: Use the Y cable to get power to the motors. The longer lead is for tilt and the shorter lead is for pan. Plug the motors into the Y cable.

NOTE: To avoid tangling, feed the longer tilt cable thru the hollow PAN pivot point. Use the velcro to hold the cable against the frame.



12. When using the RPT 6 Head with the EZ FX Skinny Jib, feed the Y cable through the camera platform and use the bungee ball to secure the Y cable to the Jib. Position the split of the Y cable at the end of the Jib Beam for optimal cable slack.



13. Use the Extension Cable to connect the Y cable to the Joystick controller. Plug the male end into the Y cable and the female end into the Joystick.



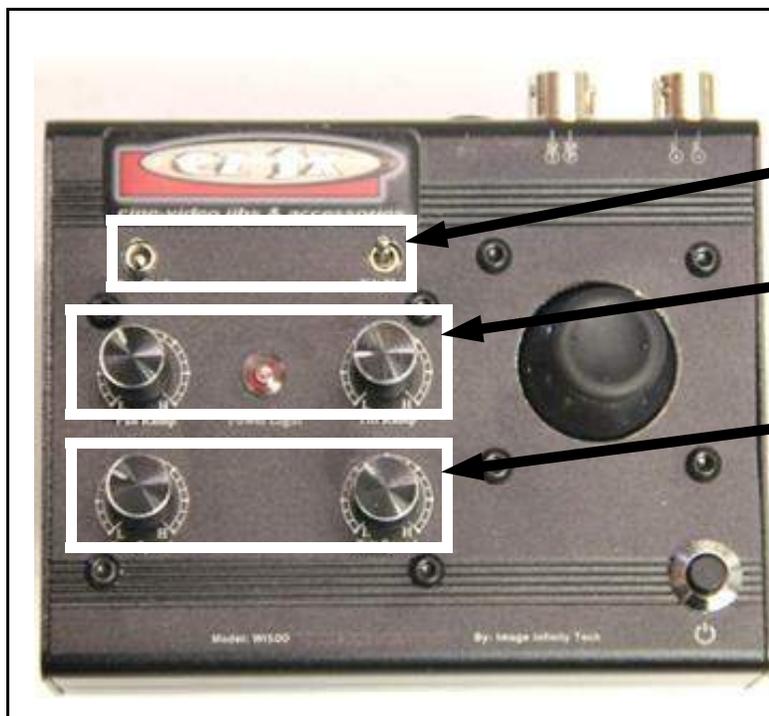
14. Connect the power supply to the Joystick and use the power button to turn the unit on and off.

NOTE: You may have other cables to consider such as a monitor feed or zoom and focus control cables.

When you incorporate cables that connect to the camera, always feed the cables thru the hollow P&T pivot points of the head to avoid tangling.

Also re-check the vertical balance with the cables attached as they may influence the camera balance.

Use the velcro and bungee ball ties to keep any and all cables away from pinch points.



Joystick Features:

Pan/ Tilt Shift—Changes the direction of the pan or tilt movement from the joystick.

Pan/Tilt Ramping- Softens the start and stop speed of the activation of the joystick . (ramping up or ramping down from zero)

Pan/ Tilt Speed- Controls the max speed that the Joystick can achieve at full engagement.

NOTE: The Joystick is pressure sensitive and speed can be controlled with the operators touch. The knob regulates the maximum possible speed at full engagement

SEE NEXT PAGE FOR SUGGESTED SETTINGS



See the picture above for what EZ FX considers to be ideal settings. Your user preferences may vary more or less.

RAMPING: This dial, adjust the time it takes the voltage to the motor to reach full voltage. It ramps up to full speed to smooth out the start and stops of the motor. We recommend 9 o'clock or less. This knob is very sensitive when set higher than 9 o'clock on the dial. Higher than 9, the delay may seem as if the joystick is non responsive.

SPEED: The speed has a lot more wiggle room and depending on the user, you can adjust those dials between 12 and 5 on the clock and you will be fine. The Joystick itself is variable speed so and speed can also be regulated by how far you push the joystick.