EZ Jib Instructions

1. Place the tripod where you will be using the jib. Tighten the legs as much as possible. Use Super Clamps for additional strength. See Pg ?

2. Remove the pan/tilt head from the tripod. It will be mounted to the jib later.

3. Use the level, provided with the EZ Jib, to level the tripod. Place the level on the top of the pod and center the bubble in each direction.

4. Remove the mounting shaft, knob & washer from its storage place on the camera end of the jib.

5. Hand tighten the mounting shaft (short treads end) to the swivel mechanism at the bottom of the Jib.

6. Mount the jib to the tripod. The plate should rest on the top of the tripod bowl.

7. Using the knob, washer and shaft. Mount the jib to the tripod.

8. Remove the knob and bolt that holds the counter weight arm in it’s folded position.

9. Unfold the tail arm (counter weight bar) over and back.

10. Use the bolt and knob to lock the counter weight arm into its extended position.

11. Mount the pan/tilt head to the bowl at the camera platform of the jib.

12. Level the pan/tilt head and lock it in position.

13. Mount the camera to the pan head. Always lock the tilt when you walk away from the camera.

14. Loosen the knob that holds the counter weight bar and remove it from its storage position.

15. Re insert the counter weight arm crossways in a horizontal position then re-tighten the holding knob.

16. Add counter weights until you’ve balanced the camera. Distribute the weight evenly on both sides.

17. Check for balance. To achieve perfect balance, add or remove the small counter weights.

18. Secure the counter weights to the bar with the spring clips.

HELPFUL HINT: Most jib shots work best with the camera lens set at a wide angle. Zoomed in shots are possible but require a bit more operational skill.
EZ FX SAFETY PROCEDURES

SAFETY TIPS
Please review the following tips before using the EZFX Jib, so you can use it safely.

1. Before using the JIB in a professional setting, practice the set up and operation of the jib in the convenience of your studio. Include any personnel that will be using the JIB and make sure that they understand how to use it safely.

2. The use of a leg spreader with the tripod is **required** when using the JIB. Either a floor spreader or midlevel spreader will tie the legs of the tripod together and strengthen the tripod.

3. Always rest the camera end of the JIB on to a solid surface when assembling or disassembling the JIB. You are working with a counter balancing system, with that in mind, remember that removing weight from either side can cause the other side to drop.
   
   When assembling the JIB mount the camera first, then add the counter weights. When disassembling the JIB, remove the counter weights first then remove the camera.

4. Never remove any weight from either end of the Jib when the Jib lift brake locked. Never force the Jib to move when it is locked in either the lift or swivel position.

5. Extending the legs of the tripod gives additional height to the JIB, but creates additional safety concerns. Use clamps such as the Super Clamps shown in our brochure to reinforce the tripod leg clamps and prevent the extended leg from slipping.

6. This extended configuration requires 2 people for set up. In this high configuration the camera will not rest on the ground even at its lowest position. Use a chair, table or spotter to support the camera during the set up and break down of the JIB. This will reduce the stress to the joints of the JIB and prevent it from tipping over.

7. There are many pinch points on the JIB, be careful with your fingers or cables that may be running to the camera.

8. Don’t try to move the tripod with the JIB, camera and counter weights unless you have it on a rolling dolly. And even then, always roll the dolly with the camera in the low position and always have a spotter at the camera for security. If you have to move the JIB without a dolly, take the time to remove the counter weights and

**DISASSEMBLY SAFETY:** Always remove the weights before the camera but make sure that the camera end of the jib is on a secure surface before removing any counter weights.

**LOCKING THE JIB SAFETY:** Never remove any weight from either end of the Jib when the Jib is locked. Never force the Jib to move when it is locked. Examples: 1. Don’t try to swivel the Jib with the swivel lock engaged. 2. Don’t try to move the camera up or down with the tilting brake engaged. Call if you have questions.
1. Unfold the EZ FX Handle from its folded position and remove the slotted plate from the rest of the EZ FX Handle. When unfolding the Handle, the hand grip should pass between the two vertical arms.

2. Slide the Long Slotted Handle Plate (Silver) between the Camera Plate and Pan/Tilt Wedge plate as shown in the diagram. The plate is thin enough for you to simply loosen your wedge plate screws, slide in the plate and re tighten. This should be a one time only process. The Long Slotted Handle Plate can remain with your camera plate at all times for future set ups. Slide the plate so the bent edges face upward and the shorter slot is in on the lens direction end.

3. Attach the EZFX HANDLE to the EZFX Jib.
   Snap the pan/tilt quick plate back into the pan/tilt head mounted on the end of the jib. Remove the mounting knob from the mounting post. Run the screw through the hole at the base of the camera platform on the jib. Be sure that the swiveling mechanism and mounting post are in the proper configuration as shown in the drawing. Attach the Short Slotted Plate to the Long Slotted Plate via the Intermediate Plate &T Knobs. Slide the slots and knobs together then tighten the knobs to secure the plates together. Pan head screws are provided for camera plates with the release arm on the front end.

4. Fine Tuning the EZFX HANDLE
   The objective here is to form parallels between the camera plates and lower arm. Do this by moving the lower arm up or down via the adjustment slots in the vertical arms. Also, form a parallel between the vertical arms and the imaginary line formed between the center of the pan/tilt head and the swivel mechanism of the HANDLE. Do this by gliding the short slotted plate forward or back in it’s glide track. Remember, the objective is to create a parallelogram between the horizontal and vertical arms. These are one time adjustments that should not change unless you use a different size pan/tilt head. You may want to place markings on the EZFX HANDLE and plates once adjustments are made.

5. Mount the camera.
   Place the camera in the camera plate then add the counter weights to lift the camera. Adjust the pan and tilt friction on the head to suit your shooting preference.

HELPFUL HINT: Operating the EZ FX Handle requires two hands. One on the hand grip of the Handle for moving the camera and one on the JIB to counteract the other hand’s motion. Try alternating hands to find your preference. With a little practice you can master it.
Using the EZ FX HANDLE with Small Mini DV type Cameras

Due to the fact that small cameras like the Canon XL1, Sony PD150, Panasonic DVX 100 and others sit so low on the EZ FX Handle, it can sometimes be in view when the camera is in a wide angle setting. To avoid this issue we’ve included a rectangle block (FIG A) which will lower the portion of the Handle which is in lens view and solve this problem. The set up for this configuration is below.

NOTE: All italicized parts can be identified on the EZ FX Handle diagram (FIG. 1) in the EZ FX Handbook.

1. **Unfold the EZ FX Handle** from its folded position and remove the slotted plate from the rest of the EZ FX Handle. When unfolding the Handle, the hand grip should pass between the two vertical arms.

2. Attach the **rectangle block** (FIG A) to the Long Slotted Handle Plate (Silver) then slide the plate between the Camera and Pan/Tilt Wedge plate as shown in the diagram (Curved sides up). The plate is thin enough for you to simply loosen your wedge plate screws, slide in the plate and re-tighten. **Slide the plate so the bent edges face upward and the block is in the lens direction.**

3. **Attach the EZFX HANDLE to the EZFX Jib and Camera.**
   - Connect your camera to the pan/tilt head mounted on the end of the jib. Remove the mounting knob from the mounting post of the EZ FX Handle. Run the screw through the hole at the base of the camera platform on the jib. Be sure that the swiveling mechanism and mounting post are in the proper configuration as shown in the drawing.
   - Attach the Short Slotted Plate to the Long Slotted Plate via the Rectangle Block & T Knobs. Slide the slots and knobs together then tighten the knobs to secure the plates together.

   **NOTE:** When using a Bogen / Manfrotto head with the hand grip style claw ball washer & knob combo, an alternate knob & washer will be needed to prevent interference with the EZ FX Handle.

4. **Fine Tuning the EZFX HANDLE**
   - The objective here is to form parallels between the camera plates and lower arm. Do this by moving the lower arm up or down via the adjustment slots in the vertical arms. Also, form a parallel between the vertical arms and the imaginary line formed between the center of the pan/tilt head and the swivel mechanism of the HANDLE. Do this by gliding the short slotted plate forward or back in its glide track. Remember, the objective is to create a parallel-o-gram between the horizontal and vertical arms. **These are one time adjustments that should not change** unless you use a different size pan/tilt head. You may want to place markings on the EZFX HANDLE and plates once adjustments are made.

**HELPFUL HINT:** Operating the EZ FX Handle requires two hands. One on the hand grip of the Handle for moving the camera and one on the JIB to counteract the other hand’s motion. Try alternating hands to find your preference. With a little practice you can master it.
**EZ Undersling Instructions**

1. If the EZ Undersling is not already assembled. Use the 3/8" flathead screws to attach the top & bottom plates to the side arms as shown in figure 1A to form the assembled EZ Undersling as shown in figure 1B.

2. On the EZ FX Jib, remove the wing nuts that secure the camera platform to the end of the Jib. Invert the platform and re-connect it to the Jib with the wing nuts.

   Re-attach your pan/tilt head to the now inverted camera platform.

3. Separate the camera plate from the wedge plate.

4. Attach the wedge plate to the top and the camera plate to the bottom of the EZ Undersling as shown in Fig. 4A. Use the slots to distribute the camera weight equally from front to back.

   Vertical and horizontal adjustments can be made to the EZ Undersling, to accommodate various sized cameras.

5. After adjusting the EZ Undersling to fit your camera best. Attach the EZ Undersling to the inverted pan/tilt head on the end of the jib via the wedge plate. Don’t forget to lock the wedge plate in place once it is attached.
EZ Head Lite Set Up Instructions:

Page One: Check List

- Frame
- Mounting Hardware
- Camera Mounting Knob
- Power Supply
- Directional Turnaround Cables
- Pan/Tilt Control Cable
- Motor Controller Box
- Joystick Control Cable
- Joystick
1: Thread the shaft portion of the mounting hardware to the base plate of the frame.

2. Set the frame to the tripod or Jib.

3. Secure the mount with the knob and washer.

4: Make sure that both the pan and tilt motors are dis-engaged.

5. Place the camera or camera plate on to the camera platform portion of the frame.

6. Balance the camera horizontally by sliding the camera front to back as shown above.

7. After the vertical balance is good. Tighten the camera to the platform.

8: Loosen the camera cradle knob.
9: Balance the camera vertically by raising and lowering the camera cradle as shown above.

10: A perfect balance should allow you to position the camera at any angle and stay in place when released. Do this with both motors dis-engaged. Continue to adjust the vertical and horizontal balance until perfect.

11: Once the vertical balance is good, point the camera downward then tighten the camera cradle knobs. FIRM BUT NOT HARD

Control Cable Layout

12. A. Run pan/tilt cable from motors to motor control box and connect cables. (Leave wire slack near motors.)
B - Connect Motor Controller to Joystick
C - Connect Power to Box

Motor Controller Box
Use mini bungee to mount to Jib

Power Supply To Motor Controller

BNC Ends
Pan - Yellow
Tilt - White

Mini Jack Ends
Pan - Short
Tilt - Long

Joystick Control Cable
From Joystick to Motor Controller

Joystick: Mounts to Counter Weight Bar

Pan/Tilt Cable from Motor Controller up to the frame and motors.
13: Engage both the tilt and pan motors and tighten the motor knobs.

**NOTE:** If you want to change the default direction of the joystick pan and tilt controls, simply add the directional control cable between the pan or tilt extension cable.

**Directional Turnaround Cables**

1 for Pan
1 for Tilt

---

**Unique Dual Purpose Design**

Remove 2 screws and the head frame detaches from the pan base.

Attach your own turntable platform.

Paint or cover and you have a revolving platform for product shots.
THE Monitor Platform

1. Attach the 5/8 Female Rapid Adapter to the Monitor Platform as shown in Fig. A
2. Remove the wing nuts at the 2 points where the monitor bracket will mount to the jib. *(Do not remove the nylon washers from the Jib)*
3. Attach the Bracket to the Jib and secure it with the wing nuts provided.
4. Mount the monitor platform to the Bracket via the brass spigot.
5. Secure the monitor to the platform with the bungee straps provided.