

# LEGACY MANUAL PAN/TILT END ZONE SYSTEM

Set Up and User Manual



# Tower Components

Manual  
Pan/Tilt  
Handle

Tilt Cable  
w/storage  
Handle

Monitor  
Arm

Soft Sided  
Travel Case



Camera  
Mounting  
And Tilt  
Plate

Tilt  
Cable  
Tension  
Knob

Pan  
Collar

# System Components

Power Pack & Charging Cord    Rain Gear    AC Power Adapter

Sony Camera

SD Card

Monitor

Battery Charger

Budget Harness

Monitor Battery

Monitor Sun Shade

AC Power Adapter



# Tower Set Up

**1**. Unzip the soft sided travel case.



**2**. Unbuckle the tower retention straps.



**3**. Remove the tower from the soft sided travel case.



**4**. Remove the red tilt cable storage handle and monitor mount. Set them aside for later in the set up.



**5**. Flip open the leg extension locks.



**6**. Extend the legs all the way out and flip the leg extension locks closed.



**7**. Stand the tower up.



**8**. Twist the upper tower mast lock counter clockwise until it stops



**9**. Twist the lower tower mast lock counter-clockwise until it stops



**10**. Spread the tripod legs until the support braces are perpendicular to the tower mast.



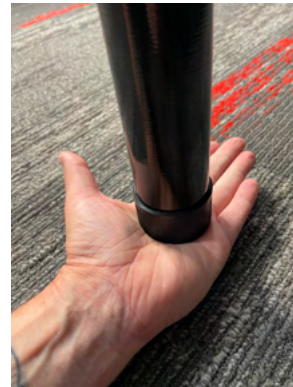
**11**. Place filled sandbags over the leg support braces.



**12.** Twist the tensioner knobs on the pan collar, counter-clockwise, until the pan collar slides easily down the mast to the upper leg collar.



**13.** Raise the tripod mast slightly off the ground, about a hand's thickness.



**14.** Ensure the pan collar is resting on the upper leg collar and twist the tensioner knobs clockwise to secure the pan collar to the mast.



**15.** Locate the monitor arm and twist clockwise into the receiver on the handle and monitor collar.



**16.** Pull the manual pan/tilt handle down to about a 45 degree downward angle.



**17.** Locate the tilt cable storage handle and unclip the “S” carabiner from the handle.



**18.** Clip the “S” carabiner to the hole at the back of the vertical section on the camera mount in plate.





**19.** Mount the Sony camera to the ¼-20 mounting screw at the front of the camera mounting plate.



**20.** Loosen the hand retention strap as much as possible and remove the USB cord from it's sheath.



**21.** Velcro the power pack to the hand retention strap and plug the USB cord into the power pack.



**22.** Locate the strain relief clip near the camera end of the cord harness and clip it to the "S" carabiner with the tilt cable.



**23.** Plug the micro HDMI adapter from the harness into the micro HDMI port on the camera.



**24.** Under the hand retention strap, locate the multiport receiver and plug in the multiport cord from the harness.



**25.** Unlock the top quick release lever so the top section of the tower rotates freely.



**26.** Rotate the Top section of the tower so that the vertical part of the camera mounting plate is lined up with the manual pan/tilt handle.



**27.** Unwrap the tilt cable from the storage handle.



**28.** Flip the quick release lock levers open for the mast sections and raise each section, one at a time, locking it into place at the desired height.



**29.** Once the tower is raised to the desired height, locate the camera remote and video monitor.



**30**. Clip the camera remote onto the manual pan/tilt handle.



**31**. Plug the multiport cable into the top of the camera remote.



**32**. Twist the locking knob on the monitor mount counter-clockwise to loosen.



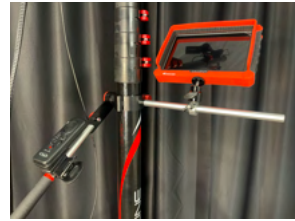
**33**. Rotate the mount to the upright position and twist the locking knob clockwise to tighten.



**34**. Twist the monitor clockwise onto the monitor mount.



**35**. Adjust the monitor mount to get the monitor to your desired position.



**36**. Mount the monitor battery onto the back of the monitor.



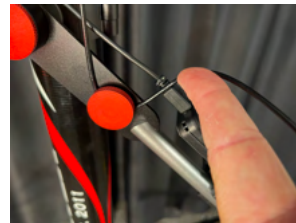
**37**. Plug the HDMI cord into the HDMI IN (lower) port on the monitor.



**38**. Twist the red tilt cable locking screw counter-clockwise to loosen.



**39**. Wrap the tilt cable under the locking screw and up above the end of the manual handle.



**40**. Pull the cable until the camera mounting plate is near horizontal.



**41**. Keeping tension, wrap the tilt cable over the top of the locking screw and use the other hand to twist the locking screw clockwise to tighten.



**TOWER SET UP COMPLETE**

# Tower Operation

The Legacy Manual Pan Tilt End Zone System uses single hand operation. Power on the video monitor, the camera should already be powered on.

Move the handle up and down to pan the camera, left and right to pan the camera and access all the recording and zooming functions with your thumb.



# Questions & Support

If you have additional questions please contact us:

Visit: [www.sidelinepower.com/get-support/](http://www.sidelinepower.com/get-support/)

Email: [support@sidelinepower.com](mailto:support@sidelinepower.com)

Call: 866-840-3506 ext. 3

