



PHOTOGRAPHIC TRIPOD - #93606

The Celestron Photographic Tripod is a stable platform for a camera, spotting scope, video camera, or pair of binoculars (with the appropriate adapter). The tripod legs are made of heavy-duty tubular aluminum which eliminates unwanted flexure and increases rigidity. And, the 3-way pan head makes vertical and horizontal panning smooth. Use the diagram below to familiarize yourself with the various parts of the tripod for assembly and use.



Assembling Your Tripod

The Celestron photographic tripod comes fully assembled. To set-up your tripod, begin by removing the tripod along with the pan handle from the box and its soft case. Loosen the Central Column Tension Adjustment by turning it counterclockwise. Pull the legs away from the center column so that the tripod will stand by itself. Tighten the tension adjustment. To fold the legs back into the center, reverse the process.

Tripod Mounting

To attach an instrument to the tripod, remove the quick-release platform from the tripod. To do this, pull back the quick release lock lever, slide the platform towards the lock lever and lift it out of the tripod head.

Now, place the tripod adapter block of the instrument over the 1/4x20 screw on the quick-release platform. Keep in mind that the platform is not on the tripod at this time. Tighten the screw (located on the under side of the platform) until tight. Just in front of the 1/4x20 screw is a small peg used to secure an instrument to the tripod. If the instrument you are mounting does not have a hole for this peg, it will push down into the tripod head.

To place the quick-release platform with the instrument back on the tripod head, pull the platform lock lever back. Slide the front of the platform in first, then pivot the back in. Once in place, push the platform lock lever until it touches the under side of the tripod head. This will hold the platform in place.

Using Your Tripod

If you are doing photography, you can orient the camera in a vertical or horizontal position. To change position, loosen the locking screw at the opposite end of the pan handle. This will allow you to move the camera from the horizontal position to the vertical position, or anywhere in between. Once the camera is in the desired orientation, retighten the locking screw.

To change the altitude angle at which the tripod head is pointing, loosen the large altitude locking knob while holding the pan handle. Aim the instrument in the desired direction and retighten the locking knob to hold the tripod head in position. If you are trying to follow a moving object, such as a boat or plane, you may not want to retighten the clamp completely.

To move the tripod head in the horizontal direction, loosen the horizontal locking knob located underneath the pan handle. This will allow you to rotate the tripod head 360 degrees. Point the instrument in the desired direction and retighten the knob to hold the position. Once again, if you are trying to follow a moving object you will want to leave the knob loose.

The tripod legs have two extension tubes that allow you to vary the height at which the tripod stands. (The greatest rigidity or sturdiness is gained when the tripod is as low to the ground as possible). To extend the legs, release the leg clamps and pull the legs out, away from the tripod head. Once extended, retighten the clamps to hold the legs in place. Each leg has two clamps. Repeat this process until the legs are fully extended or until at the desired height.

To retract the legs, release the leg clamps and slide the legs back toward the tripod head.

When the legs are fully extended, the tripod can be raised further via an extension mechanism in the central column. To raise the column, loosen the central column extension lock located next to the bubble level. Using the extension handle, turn it clockwise to raise the tripod head. Once at the desired height, retighten the extension lock to hold the head in place. To lower the tripod head, loosen the extension lock **WHILE** holding the pan handle. Turn the crank until the tripod head is at the desired height and retighten the lock. (Failure to hold the handle while loosening the lock will cause the tripod head to fall quickly, possibly damaging the tripod or the instrument on it.)