

TRUE PLUMB

Instructions for
16TPL2000



16TPL2000 universal prism pole/fixed height GPS True Plumb

This True Plumb can be used for both fixed height 2 meter pole as well as regular prism pole.

Note: Do not mount next to a light switch or electric outlets, or right next to a door.

Setup



1- Using a stud finder attach bottom section of True Plumb to a stud.
Note: When mounting to a concrete wall use a 1/4" masonry bit and expanders provided.



2- Use a level and mount the bottom section with two screws provided. Do not mount over a thick baseboard.



3- Next (this will probably take two people) **Attach the top section so there is 82 inches between the bottom of the U joint to the top of the bottom adjusting plate.** Level and mount with two screws provided. **Picture #3**


LEAVING OUR MARK ON THE WORLD
www.chrisnik.com

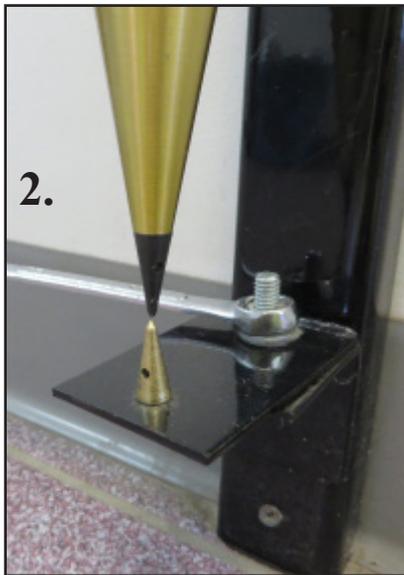
For technical assistance with
setting up or using your TPL2000
please call 513-738-2920

Note: If you only plan on using the TPL2000 for adjustable height prism poles, use 5 feet 2 inches as the distance between the u joint and the adjusting plate for easier use.



TRUE PLUMB

Calibration:



1. Screw in white plastic bolt "Adapter" into bottom of U-joint. **Picture #1**
2. Place the spare plumb bob tip provided upside down in bottom adjusting plate.
3. Using a 12 ft. GAMMON REEL® hook into U-joint adaptor and let it hang above the upside down plumb bob tip so it is almost touching. The GAMMON REEL® should hang about 1/2 way between the top and bottom section.
4. Loosen nut on adjusting plate with a 1/2" wrench and move plate so it lines up with plumb bob tip. **Picture #2**

Note: You can also lower the Plumb Bob into the hole until you get equal light around it. (Picture #4)

5. Tighten nut back so plate is secure. Unhook GAMMON REEL® and put adaptor back in hole on top of the True Plumb.
 6. Attach the female end of the Fixed Height Adapter on top of your fixed height GPS rod threading all the way down till it is snug on top of the rod. Then take the male end of the adapter and thread it into the U-joint. Slide the two pieces together. **Picture #5**
- Note: If using adjustable height prism poles do not use the adapter.**

7. Place the prism pole point into the hole on the bottom plate. Your rod is now plumb. Using the three screws under the bubble, just adjust it to level.
- Note: Rotate your rod. It should stay level and if not your rod is bent or the True Plumb is not 100% calibrated. You can also test regular prism poles with the TPL2000. You do not need to use the adapter to check calibration with the regular prism pole. When adjusting bubble usually only one screw one needs adjusting to bring bubble back into level. DO NOT overtighten screws**

If you have a Leica Prism Pole, use Seco adapter PN:2090-00 for best results. If you are using a Spectra Rod with internal threads use part# 16ADPspecial

5.



82 in. for fixed height
5 ft. 2in. for adjustable