

EZ-30-12 Weather Station Stable Gable Mounting Kit with Mast



The EZ-30-12 mounting pole kit provides a stable weather station mounting solution, ideal for mounting to a vertical wall, chimney, eave, or fence post.

Ambient Weather pole mounting kit constructed of rust proof 10-steel tubing, galvanized using the Flo-Coat (zinc-chromate polymer) for excellent corrosion proof protection.

Mounting hardware includes two horizontal mounting brackets and a support brace.

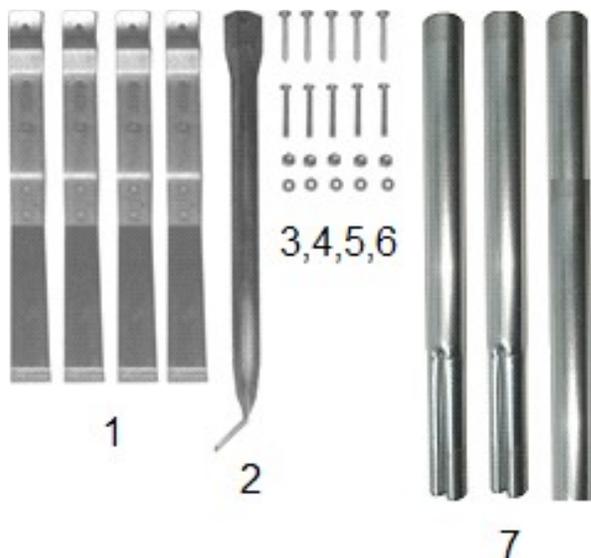
Pole is made of three assemblable 14" x 1.25"-diameter masts. Add a mast extension (see below) to extend the pole an additional 35".

Array pictured is not included.

Figure 1

Components

The EZ-30-12 Stable Gable Mounting Kit includes the following components:



1. Qty 4: 12" Mounting Assemblies (these will be assembled into two brackets in Step 1)
2. Qty 1: Support Brace
3. Qty 5: Lag Screws
4. Qty 9: 7/16" Nuts
5. Qty 9: Bolts
6. Qty 9: Lock Washers
7. Qty 3: Assemblable 14" x 1.25" Masts

Tools and Materials Needed

- 7/16" deep socket or wrench
- Level or Plumb
- Electric drill with flat head screw tip

Important Installation Instructions

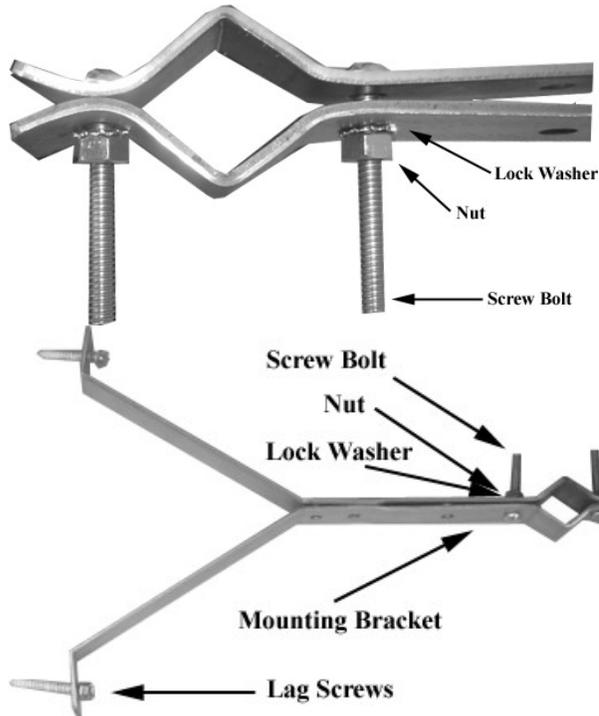
CAUTION: Any metal object may attract a lightning strike, including your weather station and tripod.

Never install your weather station in a thunderstorm.

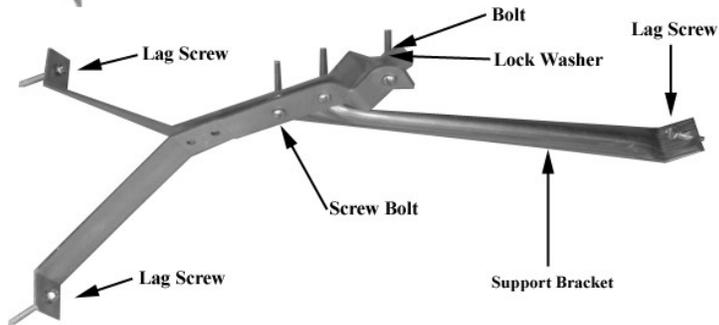
We recommend properly grounding the mounting pole kit to avoid extensive damage to the weather station and structure. Consult a licensed electrician or local lightning detection expert prior to installing a ground wire.

Installation

1. Assemble the top mounting bracket as shown in the diagram. Insert the screw bolt, lock washer and nut in each of the two bracket holes. Finger tighten.



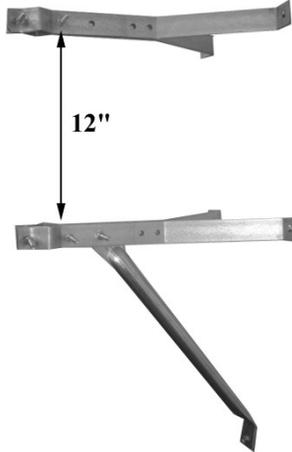
2. Assemble the bottom mounting bracket as shown in the diagram. Insert the screw bolt, lock washer, and nut in each of the two bracket holes. Finger tighten.



Insert the support brace as shown in the diagram. Insert the screw bolt, lock washer and nut in the two bracket holes. Finger tighten.

3. Mount the top and bottom assembled brackets to the vertical surface with the lag screws. Drill pilot holes to make sure the brackets are level. It is recommended to place the two brackets at least 12" apart.

Mount the support brace to the vertical surface with the lag screw. Drill a pilot hole to make sure the bottom bracket is level.



4. Assemble the mounting pole. Reference the figure above. Insert one of the swaged ends into a smooth end and tighten, by applying rotational force (hand tight is usually enough), so the extension does not rotate loose when permanently installed.

Repeat this step for the second and third 14" mast. The entirely smooth 14" mast should be on the bottom of the assembly.

5. Insert the assembled vertical mounting pole into the mounting brackets and hand tighten. Make sure the pole is level and firmly secure the brackets to the mounting surface. Finally, tighten all 9 of the 7/16" nuts securely using a deep socket or wrench.



EZ-125-35M 35" Mast Extension (Optional)



Galvanized 1-1/4 inch (3.25 cm) O.D., 35 inch (89 cm) long steel post with one end crimped for insertion into another post of the same O.D.

Made of 18 gauge 1008-10 steel tubing, galvanized using the Flo-Coat (zinc-chromate-polymer) process for excellent corrosion protection.

Mast Extension Installation



Reference the figure above. Insert the swaged end of the mast extension into the mounting tripod mast and tighten so the extension does not rotate.

Repeat this step for additional mast extensions (maximum two is recommended).



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Liability Disclaimer

Please help in the preservation of the environment and return used batteries to an authorized depot. The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.

Reading the "User manual" is highly recommended. The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place. This product is designed for use in the home only as indication of weather conditions. This product is not to be used for medical purposes or for public safety information. The specifications of this product may change without prior notice.

This product is not a toy. Keep out of the reach of children. No part of this manual may be reproduced without written authorization of the manufacturer.

Ambient, LLC WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT.

Warranty Information

Ambient, LLC provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and only to the original purchaser of this product. To receive warranty service, the purchaser must contact Ambient, LLC for problem determination and service procedures.

Warranty service can only be performed by an Ambient, LLC. The original dated bill of sale must be presented upon request as proof of purchase to Ambient, LLC.

Your Ambient, LLC warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (lack of reasonable and necessary maintenance); (3) damage resulting from failure to follow instructions contained in your owner's manual; (4) damage resulting from the performance of repairs or alterations by someone other than an authorized Ambient, LLC authorized service center; (5) units used for other than personal use (6) applications and uses that this product was not intended (7) the products inability to receive a signal due to any source of interference or metal obstructions and (8) extreme acts of nature, such as lightning strikes or floods.

This warranty covers only actual defects within the product itself and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

California Prop 65

WARNING: Use of the Ambient Weather Products can expose you to chemicals, including lead and lead compounds, which are known to the State of California to cause cancer and bisphenol A (BPA), and compounds, which are known to the State of California to cause cancer and bisphenol A (BPA), and phthalates DINP and/or DEHP, which are known to the State of California to cause birth defects or other reproductive harm.

Can I Trust that Ambient Weather Products are Safe Despite this Warning? In 1986, California voters approved the Safe Drinking Water and Toxic Enforcement Act known as Proposition 65 or Prop 65. The purpose of Proposition 65 is to ensure that people are informed about exposure to chemicals known by the State of California to cause cancer, birth defects and/or other reproductive harm. A company with ten or more employees that operates within the State of California (or sells products in California) must comply

with the requirements of Proposition 65. To comply, businesses are: (1) prohibited from knowingly discharging listed chemicals into sources of drinking water; and (2) required to provide a "clear and reasonable" warning before knowingly and intentionally exposing anyone to a listed chemical. Proposition 65 mandates that the Governor of California maintain and publish a list of chemicals that are known to cause cancer, birth defects and/or other reproductive harm. The Prop 65 list, which must be updated annually, includes over 1,000 chemicals, including many that are commonly used in the electronics industry.

Although our manufacturing process is "lead-free" and RoHS compliant, it remains possible that trace amounts of lead could be found in components or subassemblies of Ambient Weather Products. Bisphenol A (BPSA) could conceivably be present in minute amounts in our plastic housings, lenses, labels or adhesives, and DEHP & DINP (phthalates) could possibly be found in PVC wire coatings of our cables, housings, and power cords. Unlike RoHS, Prop 65 does not establish a specific threshold for reporting on the substances of concern and instead sets forth a much less definitive standard requiring that the business demonstrate with certainty that there is "no significant risk" resulting from exposure. With respect to carcinogens, the "no significant risk" level is defined as the level which is calculated to result in not more than one excess case of cancer in 100,000 individuals exposed over a 70-year lifetime. In other words, if you are exposed to the chemical in question at this level every day for 70 years, theoretically, it will increase your chances of getting cancer by no more than 1 case in 100,000 individuals so exposed. With respect to reproductive toxicants, the "no significant risk" level is defined as the level of exposure which, even if multiplied by 1,000, will not produce birth defects or other reproductive harm. In other words, the level of exposure is below the "no observable effect level," divided by 1,000. (The "no observable effect level" is the highest dose level which has not been associated with observable reproductive harm in humans or test animals.) Proposition 65 does not clarify whether exposure is to be measured only in normal operation, or in the event of misuse such as intentionally damaging, incinerating, or consuming an Ambient Weather Product or component and Ambient Weather has not attempted to evaluate the level of exposure.

A Proposition 65 warning means one of two things: (1) the business has evaluated the exposure and has concluded that it exceeds the "no significant risk level"; or (2) the business has chosen to provide a warning simply based on its knowledge about the presence of a listed chemical without attempting to evaluate the exposure. The California government has itself clarified that "The fact that a product bears a Proposition 65 warning does not mean by itself that the product is unsafe." The government has also explained, "You could think of Proposition 65 more as a 'right to know' law than a pure product safety law."

While using Ambient Weather Products as intended, we believe any potential exposure would be negligible or well within the "no significant risk" range. However, to ensure compliance with California law and our customers' right to know, we have elected to place the Proposition 65 warning signs on Ambient Weather Products.

For further information about California's Proposition 65, please visit <https://oehha.ca.gov/prop65/background/p65plain.html>