

## Ambient Weather MOBILEMOUNT Instruction Guide

SKU: MOBILEMOUNT (weather station not included).



The MobileMount vehicle weather station mounting system is an easy to install, portable mounting solution ideal for storm chasers, hazmat, first responders and racing enthusiasts.

Whether operating in severe weather or responding to hazmat incidents, you can receive on-scene weather data immediately and simultaneously with Ambient Weather's Vehicle-Mount Weather Station.

Designed for storm chaser vehicles, mobile home vehicles, incident command and mobile communications vehicles, the 14" x 18" base plate provides a thermal barrier (shields heat transfer from the vehicle's rooftop) and includes four powerful mounting magnets (requires a metal roof), to rapidly deploy or detach the weather station mount. Tie downs provide additional security.

This instruction manual will take you step-by-step through the process of assembling and mounting Ambient Weather MobileMount.

**⚠ Warning:** Do not operate the MobileMount with the vehicle in motion.

Do not install the weather station while the vehicle is in motion.

Four point tie down (tie downs included) prevent movement of the MOBILEMOUNT.

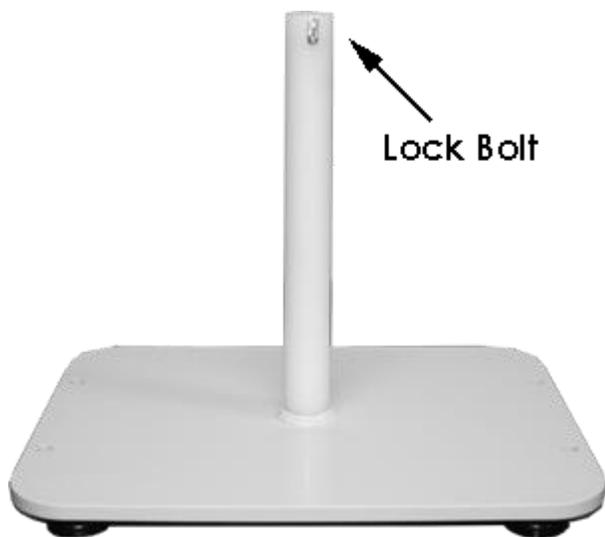
Failure to do so may result in damage, injury or death.

## Components

The MobileMount (**Figure 1**) component list is shown in **Table 1**.

Quantity	Description
1	MobileMount Assembly
4	Bungee Cable Ropes with hooks and clasps

**Table 1**



**Figure 1**

## Dimensions

18 x 14 x 16" (L x W x H)

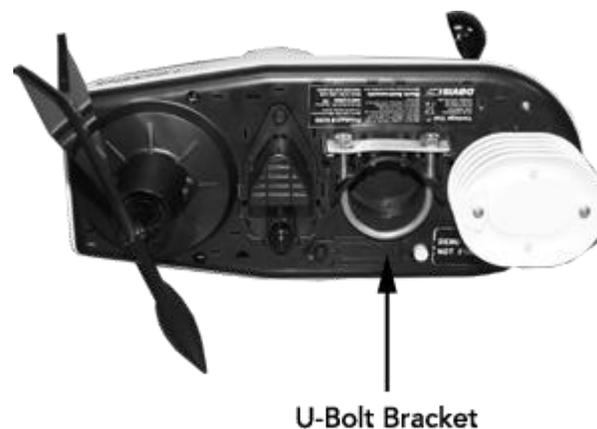
## Tools and Materials Needed

½" wrench  
Safety Goggles

## Assembly Steps

### Connect the Weather Station

1. Connect the U-Bolt assembly (sold with the weather station) to the weather station, as shown on **Figure 2**.
2. Do not tighten.
2. Position the Lock Bolt (**Figure 1**) in the 3 o'clock position.



**Figure 2**

3. Connect the weather station to the MobileMount mast as shown in **Figure 3**. Position the U-Bolt below the Lock Bolt at a 45 degree angle and slide over the top of the mast assembly.



**Figure 3**

4. Make sure the weather station is level. Tighten the U-Bolt assembly to the mast and position the lock bolt in the 6 o'clock position, as shown in **Figure 4**.

There should be no movement in the weather station assembly when twisted.



**Figure 4**

### ***Attach the MobileMount***

Attach the MobileMount and assembly to the metal roof of the vehicle or structure, as shown in **Figure 5**. Adjust the position on the roof by slowly lifting one corner of the assembly. Do not attempt to lift all corners at the same time. Do not lift the mount from the vehicle by using the vertical pole. The force of the magnets can damage or deflect the vehicle roof.



**Figure 5**

### ***Attach the Tie Downs***

Connect each corner of the mounting plate with the bungee cable cord ropes, as shown in Figure 5. Attach the opposite end of the Bungee Cable Cord Ropes to the vehicle or hook and clasp to the accompanied bungee cable hook and clasp.

Adjust the length of the bungee cables by using the attached hardware or by tying a slip not in each cable.

 **Warning:** Use safety goggles with installing the bungee cables to prevent eye damage.

### ***Calibrate the Wind Direction***

Calibrate the weather station wind direction based on the position of the vehicle. You must recalibrate the wind

direction each time the vehicle is moved. Refer to your weather station manual for calibration.

### ***Remove the MobileMount***

To remove the MobileMount from the vehicle or structure, disconnect bungee cables and slowly lift each corner of the MobileMount from the vehicle or structure. Do not remove the mount from the vehicle by using the vertical pole. Do not attempt to lift all four corners at the same time.

 **Note:** Ambient Weather is not responsible for any damage caused to the weather station due to misuse.

Ambient Weather is not responsible for any damage caused to the vehicle due to misuse.

All warranties are voided if the MobileMount is not properly installed as required in this instruction guide.

Make sure that you are aware and comply with any applicable local, state and federal laws and regulations.