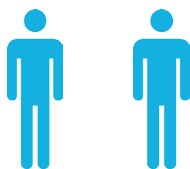




HD-CTM-5580

Heavy Duty Ceiling Tilt Mount Installation Manual



*This Installation requires a minimum of two people.



For your safety: Read the complete instruction manual before starting an installation / assembly.

WARNING

Do not begin to install your SkyVue product until you have read the instructions in this Installation Manual. If you have any questions about instructions or warnings please call SkyVue support at 1-877-475-9883 ext. 2.

This product should be installed by someone who has experience with basic building construction and fully understands the instructions.

This mount, and all of its hardware should be inspected once per year, and immediately following anytime winds exceed 90 mph. Check for signs of rust, loose fasteners, bent metal, etc. If excessive wear, deterioration of any unsafe condition is noticed, the product should be removed immediately. Contact technical support if you have any questions.

Ensure the supporting surface will safely support the combined load of the mount and all attached objects or hardware

Do not exceed the recommended load capacity.

Use a well bodied assistant or mechanical lifting device to safely lift and position equipment.

Tighten screws firmly, but do not over-tighten. Over tightening can reduce holding power while causing damage to the product.

This product is designed for outdoor products only.

This product is designed to only be installed on the following wall construction:

WALL CONSTRUCTION

INSTALLATION HARDWARE NOT SUPPLIED

Solid Concrete

Tools Needed for Assembly:



Drill, Level, Adjustable pliers



Phillips-head Screwdriver



3/8" & 5/16" Wrenches

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Before you start, make sure all parts listed are included.

PARTS LIST:

Used in Step 3

- 1/2"-13 x 4-1/4" Hex Head Bolt x3
- 1/2" Flat Washer x6
- 1/2"-13 Lock Nut x3



Used in Step 4

- 5/16" Hex Bolts x4
- 5/16" Lock Washer x4
- 5/16" Flat Washer x4



Used in Step 5

- 3/8"-18 x 3/4" Hex Bolt x8
- 3/8" Flat Washer x16
- 3/8"-18 Lock Nut x8



Ceiling Mount



Wall Plate Adapter



Support Pole



Pole Bushing



Wall Plate



Tilt Arms x2



- 1:** Install **ceiling mount** into your desired location with hardware you purchased separately. Make sure that the desired location is fit to hold the mount and anything attached to it.



- 2:** Use the parts list and gather the following parts.

Support Pole

Wall Plate Adapter

Slide the **Wall Plate Adapter** down onto **support pole**. The wall plate adapter should have screw holes that meet with the base of the support pole.

Make sure not to place the wall plate adapter on to the support pole upside down or you will not be able to secure it.



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3: Use the parts list and gather the following parts.
Pole Bushing

- 1/2"-13 x 4-1/4" Hex Head Bolt x3
- 1/2" Flat Washer x6
- 1/2"-13 Lock Nut x3

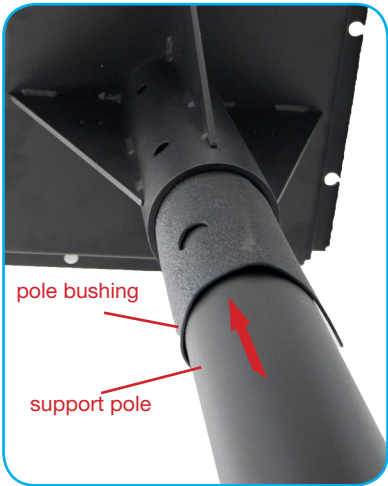
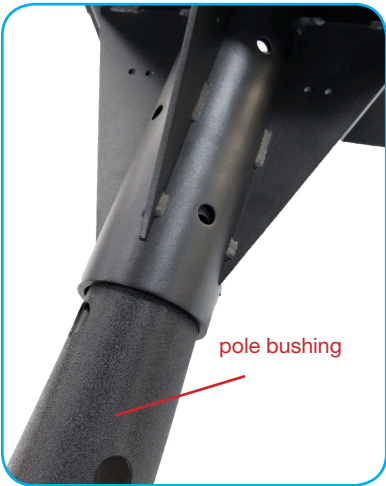


Gather the assembled support pole and wall plate adapter from the previous step.

Be ready with the three hex head bolts shown below with one flat washer threaded around each.



Insert **pole bushing** and then the **support pole** and wall plate adapter into **ceiling mount**. Align holes of support pole with holes of the pole bushing and ceiling plate.





Secure each hole with the following steps.



Use one hex head bolt threaded with one flat washer on each hole to. Make sure the bolts cross completely through the mounting plate, pole bushing, and support pole.



Once the three bolts with flat washers have been threaded use another flat washer on the opposite side followed by one of the lock nuts as shown to secure the support pole with wall plate adapter to the ceiling mount.

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4: Use the parts list and gather the following parts.

- 5/16" Hex Bolts x4
- 5/16" Lock Washer x4
- 5/16" Flat Washer x4



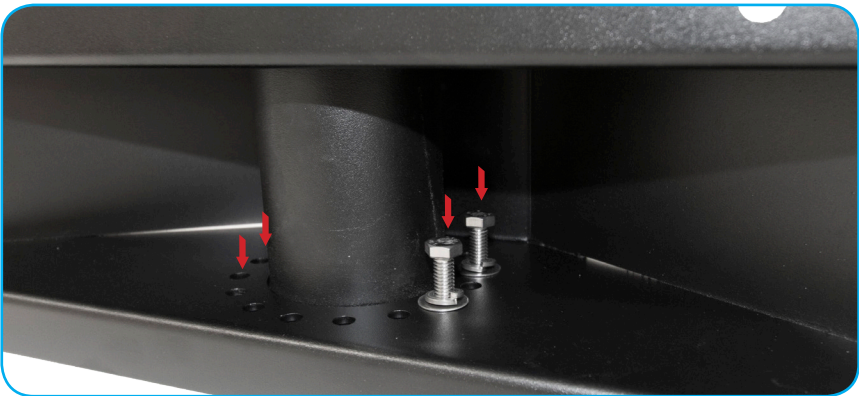
Adjust swivel to desired position.



Gather four 1 inch hex bolts threaded through the lock washer and then through the flat washer.



Two bolts with washers should be used on the left and right. All four should thread through the wall plate adapter and base of the support pole.





5: Use the parts list and gather the following parts.

Wall Plate

3/8"-18 x 3/4" Hex Bolt x8

3/8" Flat Washer x16

3/8"-18 Lock Nut x8



Gather the wall plate and align it with the now secured wall plate adapter as shown below. Four holes should be visible through the wall plate.



Use one Hex bolt with one flat washer and thread through the front to the back. Once threaded set another flat washer onto the bolt and then secure with one lock nut.

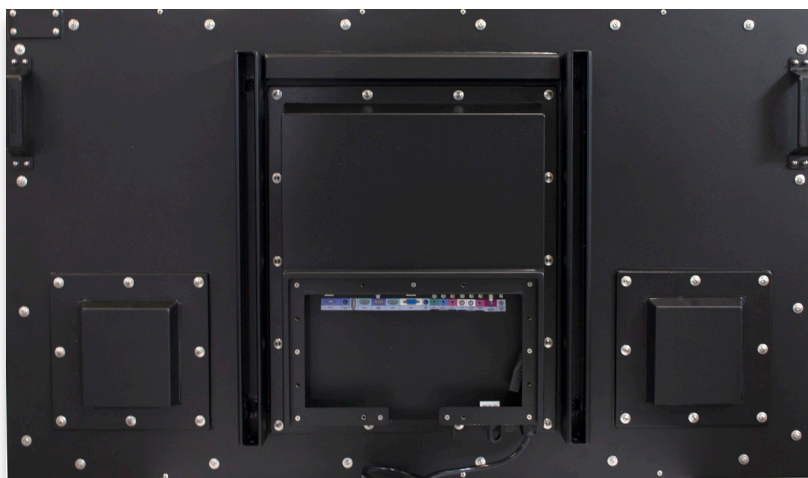
This process is shown below and should be repeated until all eight holes shown with the red circles below have been secured.



Installing Tilt Brackets



Lay a blanket down on flat sturdy surface. Run your hand over surface to make sure there are no sharp object or protrusions, when the television is laying down.



Lay the television down, viewing side down on blanket.

Gather the **4** clamping nuts with springs. **These will be in a separate bag shipped with the User Manual Packet.**



1: Remove the hex head screws and washers. Set the screws and washers in a secure location.

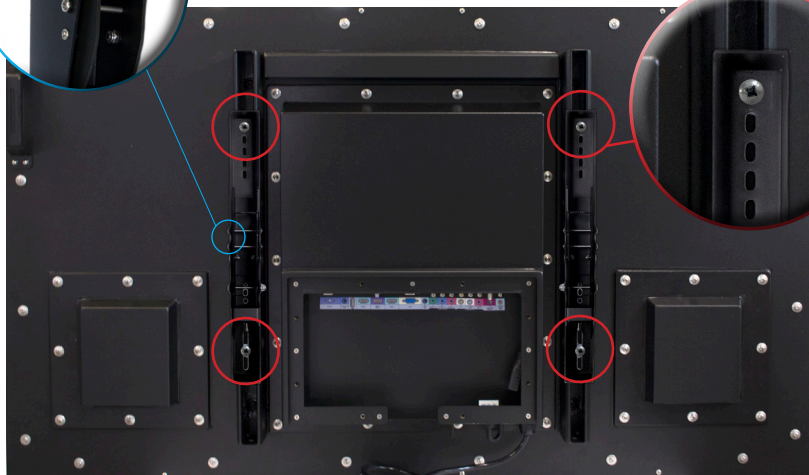
2: Insert spring nuts as shown in picture (2 per power strut). Spring should be touching both sides of the power strut as shown.



3: Align holes of the mounting arms with the holes of the clamp nut springs. The arms should be level with each other. Insert the hex head screws and washers from the first step and secure tightly as shown in the example to the right and below.



NOTE: Screws should be facing outside the Television



Tilt Brackets



With the tilt brackets attached to the televisions, they can be locked into a set tilt position of 5°, 10°, or 15° using the **tilt locking screw**. Use a **T25 Trox Wrench** to fasten the **security clip & screw** once your television is mounted.

NOTE: Choosing and setting the tilt position will be easier before placing the screen onto the mount. Choosing to do this step after mounting your television, recommend having someone to help you.

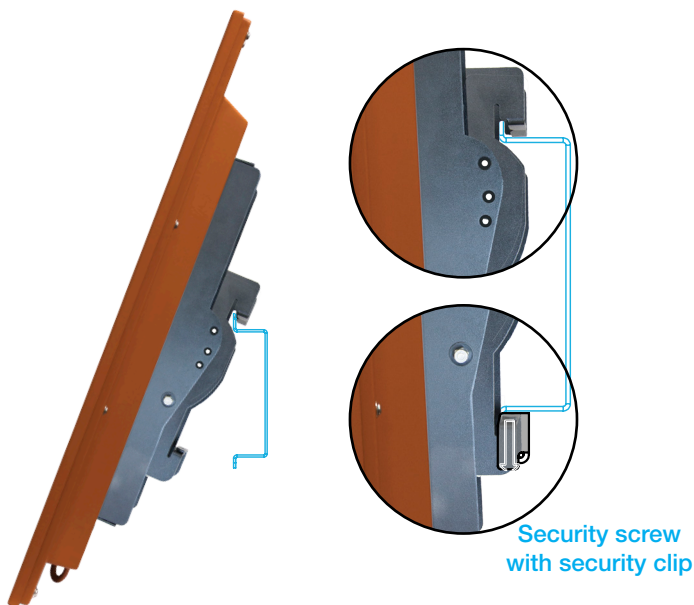
Adjusting the Tilt Angle of the SkyVue TV

Have a friend hold the screen while you remove the locking screws and loosen the tension screws. Once the television is in the desired angle, Tighten tension screws on both tilt brackets to lock in the tilt position.



Mounting and Removing SkyVue TV

WARNING!: Use an assistant or mechanical lifting device to safely lift and position the flat panel screen. Be careful not to pinch your fingers when pushing the screen from the bottom.



Mounting Screen: With the help from a friend, lift the television and attach the hooks on the mounting arms to the wall plate. Tighten screws on arms once the tilt is set correctly for the television.

Once the television is hung on the plate. Be sure to tighten the security clip at the bottoms of the arms and screw the bottom of the mounting arm to secure the television in place.

NOTE: If the security clip does not clear the bottom of the adapter plate, loosen the security screw with an allen wrench. Tilt bracket hooks must fully engage adapter plate. Tighten the security screw until the security clip sits firmly against the bottom of the adapter plate.

Removing Screen: Loosen security screw from security clip until the screen is able to swing freely, and lift screen off of mount.