



PEORIA, ARIZONA

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## THE NANOTRON 43 - INSTALLATION INSTRUCTIONS



**AFFIX YOUR GRAPHICS TO THE BASE & PLEXI-GLASS BEFORE BEGINNING THE INSTALLATION  
PLEASE REFER TO THE SEPARATE GRAPHICS & VELCRO INSTALLATION INSTRUCTIONS**

**AFFIX YOUR GRAPHICS TO THE BASE & PLEXI-GLASS BEFORE BEGINNING THE INSTALLATION.**

**PLEASE TAKE YOUR TIME WORKING THROUGH THESE INSTALLATION INSTRUCTIONS. PLEASE ASK SOMEONE TO HELP WITH ANY STEP HEAVY LIFTING.**

**STEP 1:** To install the ceiling mount, pre-drill four 15/64<sup>th</sup> pilot holes in the pattern of the 4 holes on the ceiling mounting plate. The lag screws provided are 3/8" x 2 1/2" and require a 9/16" socket wrench. Firmly attach the plate to the ceiling, ensuring it can support the weight of your NANOTRON 43 (about 150 lbs to be safe).



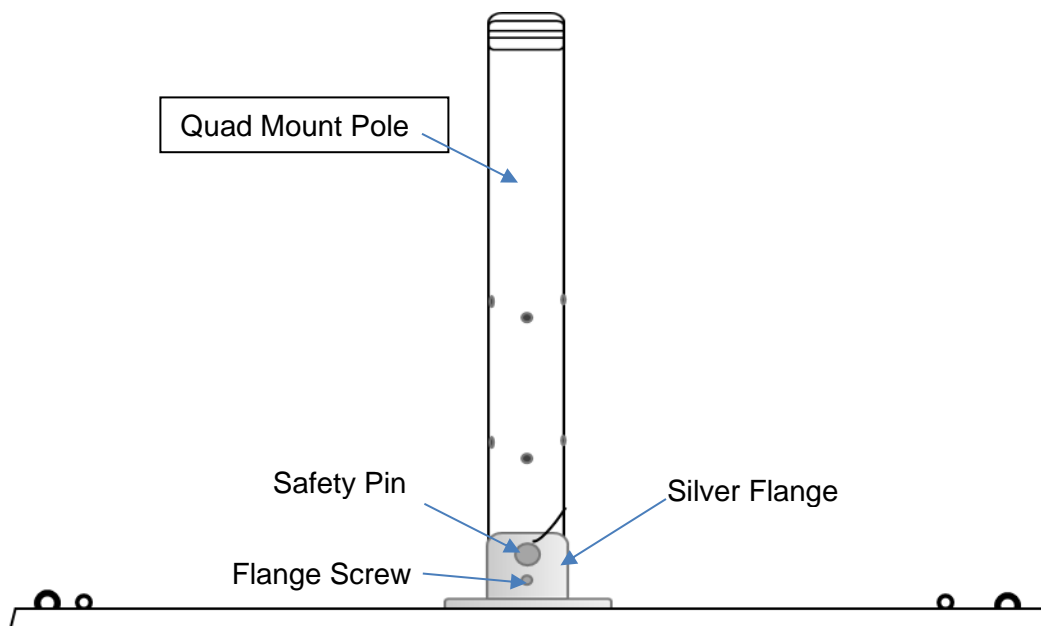
**WE TALKIN' ABOUT PRACTICE:** WE RECOMMEND PERFORMING A PRACTICE INSTALL ON A TABLE BEFORE ATTEMPTING TO MOUNT THE MINI JUMBOTRON TO THE CEILING. THIS PRACTICE INSTALL WILL RESULT IN A SMOOTHER CEILING INSTALL AS IT OFFERS AN OPPORTUNITY TO DIAL IN THE MOUNTS, ATTACH THE (OPTIONAL) SEAL & VELCRO TO THE TVS AND TIDY UP CORDS. IT IS MUCH EASIER TO MAKE THESE TWEAKS NOW BEFORE THE MINI JUMBOTRON IS RAISED.

**DURING INSTALLATION, PLEASE PROTECT THE MINI JUMBOTRON BASE SO IT DOES NOT SCRATCH.**

**STEP 2:** Find a sturdy table close to an electrical outlet for testing. Please protect the base of the Mini Jumbotron and place it on the table.

Remove the wire clip from the back of the metal safety pin and remove the metal safety pin from the silver flange. Once the safety pin is removed, insert the non-threaded end of the quad mount pole into the silver flange of the base.

Re-insert the metal safety pin through the front hole of the silver flange, through the pole hole and out the other end of the flange. Secure the pin in place using the wire clip on the safety pin and then tighten the lower flange screw using the provided 3/16<sup>th</sup> Allen Key.

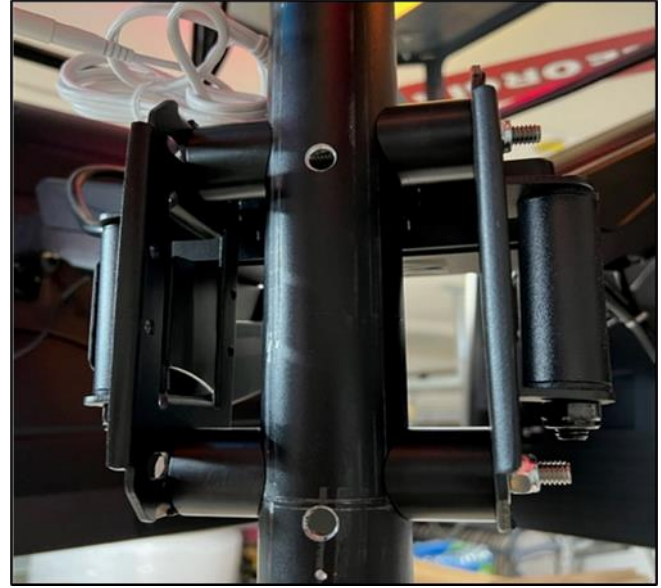


**STEP 3:** Assemble the Quad TV Mounting System using the appropriate hardware. Grab your four TV mounts and the TV Hardware consisting of a 4 long bolts, 8 washers, 8 saddle spacers, and 4 nuts.

Attach two mounts to opposite sides of the pole using 2 bolts, 4 washers, 4 saddle spacers and 2 nuts.

It'll be in this order: Bolt + Washer + Mount + Saddle Spacer + Pole + Saddle Spacer + Mount + Washer + Nut

Then repeat the steps to firmly attach the other two mounts.



**STEP 4:** After attaching all 4 TV mounts to the pole, attach your TVs using the hardware and instructions provided with the mounts.

**STEP 5:** Remove the protective plastic coating from the TVs. Lower each TV so that the bottom of each TV is centered on each side of the base and resting on top of the black foam seal of the base. Adjust the tension of the gas spring TV mount arms as necessary so that the TVs can be pushed down and will remain in the desired position.

Helpful Tips:

- ◆ Each TV should be centered on their side of the base and should rest evenly on the foam strip with the TV remote sensor visible. **If your TVs have a large sensor, you will need to cut a notch in the black foam seal on the base, using a razor blade, so that each TV will sit flush on the foam seal. Do not cut the TV sensor notch any larger or deeper than necessary or light will be visible. Please take your time and call if you have questions. Typically, your sensor cut outs should only go down about 1/8" and 3/4" back to accommodate the height and depth of your TV sensor. The sensor should fit as snug as possible to block light from being visible.**
- ◆ The bottom corners of your TVs should be set back just enough so that the Velcro on the bottom of your corner plexi-glass pieces will connect with the Velcro that is in each corner of the base.
- ◆ The top of each TV should be angled 10-15 degrees towards the floor. You will know if your TVs are positioned correctly once you attach the plexi-glass sides.

## STEP 6: PLEASE TAKE YOUR TIME WITH THIS NEXT STEP.

The 4 plexi-glass corner pieces will be held in place with the provided (optional) seal and Velcro that you will add to both sides of each TV. The seal and Velcro will eliminate gaps between the TVs and the plexi-glass. Test fit the plexi first to determine if the seal is necessary. See picture for ideal placement of both.

- You may notice that one side of the seal is more angled than the other. You'll want to apply the seal so that it forms a 45 degree angle.
- When applying the seal, keep the seal relatively flat with the front of the TV so that it doesn't stick out in front of the TV". Try not to allow the seal adhesive to show either. Take your time. If you mess up and need to order more seal you can do so [here](#).
- Apply pressure to the seal on the side of the TVs and give the adhesive 15 minutes to adhere before applying the Velcro. Then apply the Velcro and give the Velcro time to adhere as well.



**STEP 7:** Attach the corner plexi-glass pieces and adjust the TVs as necessary to get everything looking good. When you feel all four corners are in the right place you may tighten the TV mount angles.

**STEP 8:** Affix the LED Pod Lights to the sides of the TV mount arms so that the lights face the back of the plexiglass. Choose a good spot that does not cast shadows onto the back of the plexiglass.

**STEP 9:** Plug in your lighting to see how it all looks. Try to keep the cords as short and tidy as possible. This is a good opportunity to download any related lighting apps and configure your lights. Please refer to the lighting manuals for instructions on which apps to download and how to set up your LED lights.

## ALRIGHT ROOKIE – PRACTICE IS OVER. IT'S TIME TO MOUNT THIS BABY!

1. Remove any plexiglass pieces you may have attached during the practice run and unplug all lighting.
2. To reduce weight, remove the TVs you may have installed.
3. Separate the pole from the base. Lift the pole and TV mounts together as one solid unit and securely screw the pole into your ceiling mount. If you're not able to handle the weight, please remove the mounts and then reinstall the mounts after the pole is securely attached to the ceiling.
4. Re-attach the base. It may be helpful to use the bungee cords here. Since this model has no upper frame, connect two bungee cords together and attach them from corner to corner over the mounts. (If the bungee cords are causing the base to bend or bow then you may remove the bungee cords.)
5. Re-install the 4 TVs, make sure they rest on the seal of the base and are angled properly.
6. Plug in everything.
7. Attach the Velcro plexiglass side panels.
8. When you've got it looking good and something displaying on the TVs please text a brief video and pics to 623.606.6176. Congratulations and thank you!

## ENJOY YOUR MINI JUMBOTRON!

PS: If you have any tips on how I can improve the product or installation please let me know. Thank you!



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GOT QUESTIONS? PLEASE CALL OR TEXT 623-606-6176

Please also send us pictures and video to post of your Mini Jumbotron