



# THE BILLYGOAT MEGA TREE



## BAAAAAaaaaa!!!

Thank you for your purchase of the BillyGoat seed pixel mega tree topper. It's design features our standard 3/4" steel/galvanized pipe center hole. This allows you to slide the topper over a 3/4" pipe and secure with upper and lower clamps. However, it is advised to install a threaded steel floor flange, if you are using a telescoping "ASAP" pole system. The teeth on the BillyGoat are specifically designed to secure the upgraded 22 gauge seed pixels, but will also work on the thinner 24 and 26 gauge seed pixels.

As with any mega tree, preparing your location is key to a uniform looking tree!

## ENSURE A LEVEL BASE!

- Ensure your base ring and center pole are perpendicular to each other to ensure even tension on all strands.
- Ensure your base ring is perfectly centered to your center pole and staked-down before installing your seed pixel strands.

Install your BillyGoat topper. If not using a threaded floor flange, you will begin by threading the topper onto the 3/4" pipe, and then begin a gentle rocking motion to lower the topper onto the pipe. **Please be careful during this process so as not to apply too much force on the outer edges of the topper causing it to flex and possibly become damaged.** Once you have the topper in the approximate location (Do the math first!), it's time for a test-fit.

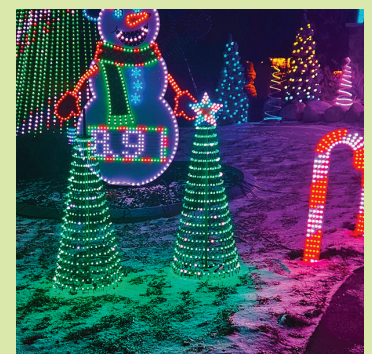
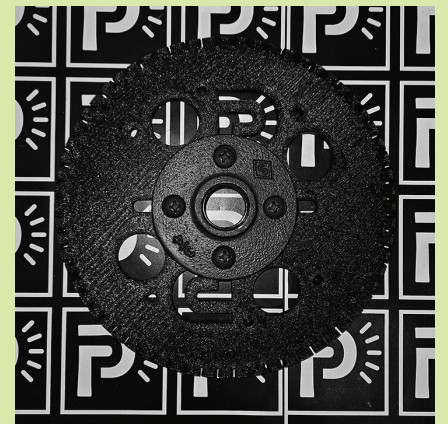
Begin by securing your male pigtail and pixel #1 to your base ring. With a ladder, slide your seed pixel strands into the wire slots and make sure the tension is nice and tight. Remove the seed pixel and adjust the height of the topper, as necessary. If using an ASAP pole design, just make sure the pixel count is consistent on each strand.

Repeat until your tree is finished. To add tension to areas that may need a little, add additional anchors or ratchet those locations down further on your base ring.

## BABYGOAT INFO ON BACK!



@PIXELPARADISEUSA





# THE BABY GOAT MINI TREE



## SHOPPING LIST:

- 2 Qty of 240 seed pixel strands @ 2" (5cm) spacing
- 1/2" EMT cut to approximately 44" (allows for an 8" Star)
- 1/2" Rebar cut to 4' for setting your center pole
- 18" Wreath ring for your base ring
- 4-8 Qty 10" steel tent stakes
- 24 Qty small 4" zip ties (black or dark green preferred)
- Seed pixel star from PiXEL Paradise USA (optional)



### - ASSEMBLY -

1. Measure and locate your tree positions and plan for an 18" wide diameter base ring. We recommend using inexpensive "wreath rings" for your base. An Amazon link to this product is located on our website.
2. Set your half inch rebar and make sure it is level in all directions. **For sloped locations, it is imperative that your center pole is set perpendicular to your ground to ensure even tension amongst all strands.**
3. Install the BabyGoat lower cap piece to the bottom of your EMT tube and slide it over your rebar. Your center pole should not wobble. If necessary, remove EMT and drive your rebar down further.
4. Center your base ring and secure it to the ground using 10" steel tent stakes. Do not hammer them down to counter-sink the spikes 100%. You will want to allow some room to make small adjustments later. The outer ring of the wreath measures approximately 7" away from the edge of the lower BabyGoat cap.
5. **\*\*\*UPDATE\*\*\*** The upgraded design of topper allows for a much easier installation of the seed pixels. These instructions will include only the new method of attaching the seeds, however the older "equal tension" method may still be used, if preferred. Start by **measuring approximately 37" from the base of your EMT to the top**, and place a temporary clamp to rest the baby goat topper on. You will now test fit your first seed pixel strand by securing your male pigtail to the wreath ring with a zip tie, **making sure the bottom of your first pixel makes contact with your base ring**, then stretching your strand up to the topper. Sliding the seed wire into the wire cutout and countersinking the seed pixel node in between the teeth of the topper. Remove the seed pixel and adjust the height of your topper as necessary to set enough tension on the strand. Once the topper's final height is confirmed, use a drill to install the included self-tapping screw into the EMT. You are now ready to install your seed pixels.
6. Begin securing your strands by adding a zip tie to the base ring and to the wire just beyond the bottom seed location. Now add an additional zip tie to the next seed pixel. This provides an approximate 1.5" gap between seeds along the base. If done correctly, you should have two zip ties separating each lower pair of seed pixels. **NOTE:** You may need to temporarily remove and replace your tent stakes if any interfere with your seed pixels being secured to the base ring. **SECOND NOTE:** Be sure to keep an eye on any twists in your installation. Seed pixels should be facing all the same direction as much as possible.
7. Once all strands are in place you may notice some uneven tension in other areas. This should not be a lot but if it's just a little bit you can make adjustments by countersinking your tent stakes or by adding additional stakes or staples in other locations to get those areas pinched down.
8. Your 480 node BillyGoat mini tree is complete! You may optionally attach a star to the remaining portion of EMT. It is suggested to plug the star into the end of strand number two. All xLights model data can also be found on our website.