BabyGoat Mini Tree Setup

Each Kit includes: 1x steel tree ring (360 or 180), 1x BabyGoat Topper (360 or 220), 1x Square Bushing, 1x thumb screw, 24x (or 48x) seedlinks, 2x ½ long ¼" socet self-tapping screws, 24x (or 48x) 6" zip ties, and 2x (or 4x) 240 ct 2" spaced seed pixel strings.
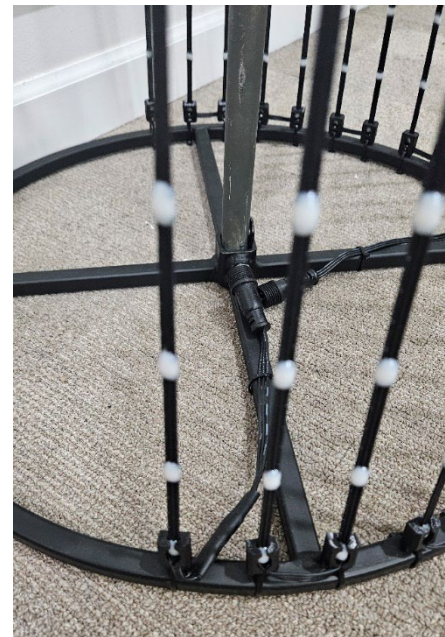
1. **It is recommended to complete the initial setup on a flat, level surface.** Cut a 45" length of ½" emt. If not adding a star, you can cut your emt to 40". Insert your ½" emt into the 3D-printed square bushing. Line up the slot on the bushing and the square receiver tube on the base and firmly insert your center post. Secure your ½" emt into the base ring using the included thumb screw.

2. The BabyGoat topper should be set roughly 39.5" above the floor. Slide your 220 topper or 360 topper over your emt and secure the topper with the included self-tapping screw. **NOTE: It is helpful to twist your topper so that the screw is facing out parallel to one of the ring arms.**

3. The tree can make a slightly larger radius than 180 – closer to 220 degrees if you are using the 360 degree base rings (disregard for those who ordered the 180 degree kits). To do this, you will want to start pixel #1 behind the 180 crossbeam (as pictured below) to allow 2 strands (1 up, 1 down) before beginning the 180 degree section.

4. The finished mini tree will be 24 strands, containing 20 pixels on each strand. You will need to add a SeedLink clip to each bottom pixel. Simply turn the seed sideways, push through the seed slot firmly, then rotate the wire back so the seed faces flat.

5. Loop a ziptie through each SeedLink clip and LOOSELY secure each strand to the base ring. **DO NOT TIGHTEN OR CUT YOUR ZIP TIES YET!**

6. Once all strands are in place, spread apart your strands evenly along the ring, then begin tightening your zip ties, starting with the front center of your tree, then moving outward to each side, alternating sides to even the tension load on the center pole. Remember, just like tuning a guitar, you may need to retighten some strands after your initial tensions have been set.

7. Optionally, you may also want to secure your pigtails to the crossbars of the base ring. Our suggestion is to use 2 separate controller ports, one for each string of 240 if not power injecting. If adding a 50 pixel star, you can simply add the star to the end of your 2nd strand by using a 3' xConnect extension, secured to your center pole.

8. Your tree can now be placed in its viewing location. 6" garden staples will work for most applications. Optionally, you can drive ½" rebar in the ground and slide the entire mini tree assembly over the top.

xLights model settings located on the back!

The BabyGoat Mini Tree uses the native Tree model featured in xlights. Please use the following settings for a 220 degree tree. If going 360, you will use 360 degree value and 4 strings instead of 2.

xLights Model Setup, using 2 ports – 240 pixels per port.

Name	Mini Tree - Baby Billy 2
Tree	
Type	Round
Degrees	220
Rotation	3
Spiral Wraps	0
Bottom/Top Ratio	6
Perspective	2
Alternate Nodes	☐
Don't Zig Zag	☐
Strand Direction	Vertical
# Strings	2
Nodes/String	240
Strands/String	12
Starting Location	Bottom Left
Controller	FALCON 7 LINDEN

Thank you for letting PiXeL Paradise USA be a part of your light show!!