

8 Ft LED Christmas Tree



Operation Manual

9/07/18

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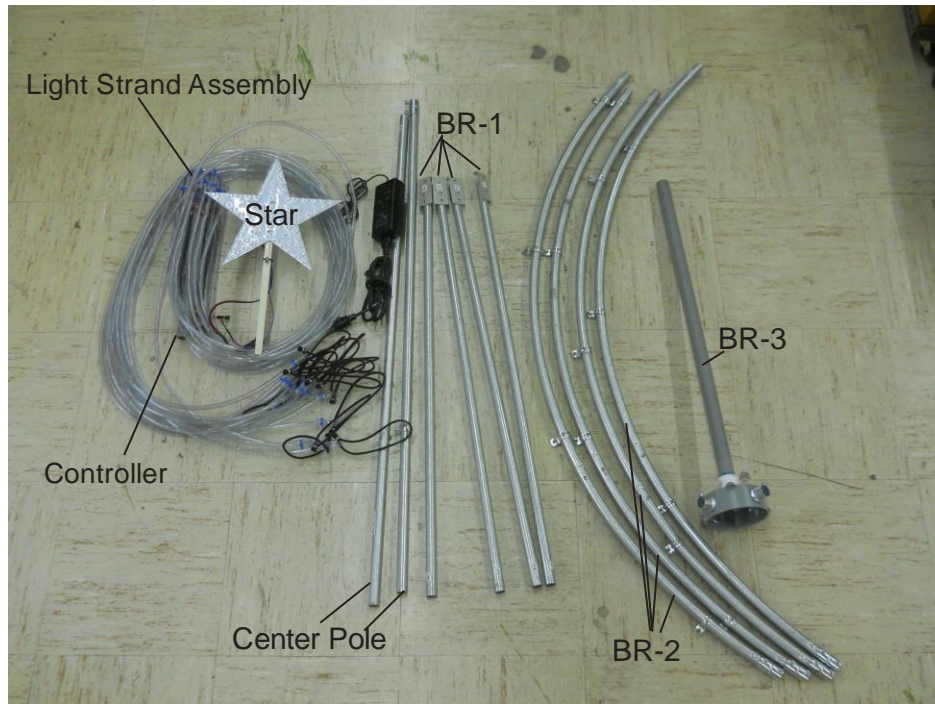
Introduction

If you want to add some “zest” to your outdoor Christmas display, look no further. The FS-90 is an 8 ft, lightshow, LED Christmas Tree. The overall size is 8’ tall x 6’ 2” wide/depth. The tree portion is composed of 14 stands, which have 294 single color LEDs, which are displayed in multi patterns which include twinkling, fading, and chasing. On the top, is a 10” beautiful multi-colored Star that has 74 multi-color LEDs. The tree has a total of 368 LEDs. The Star also is displayed with multi patterns.

The tree is easy to setup and can be setup on either the lawn or on any hard surface such as asphalt. The tree is self supporting.

The FS-90 LED Christmas Tree is a great addition to any outdoor Christmas display.

Parts Supplied



Qty 4- Part No (BR-1)

Qty 4- Part No. (BR-2)

Qty 1- Part No. (BR-3)

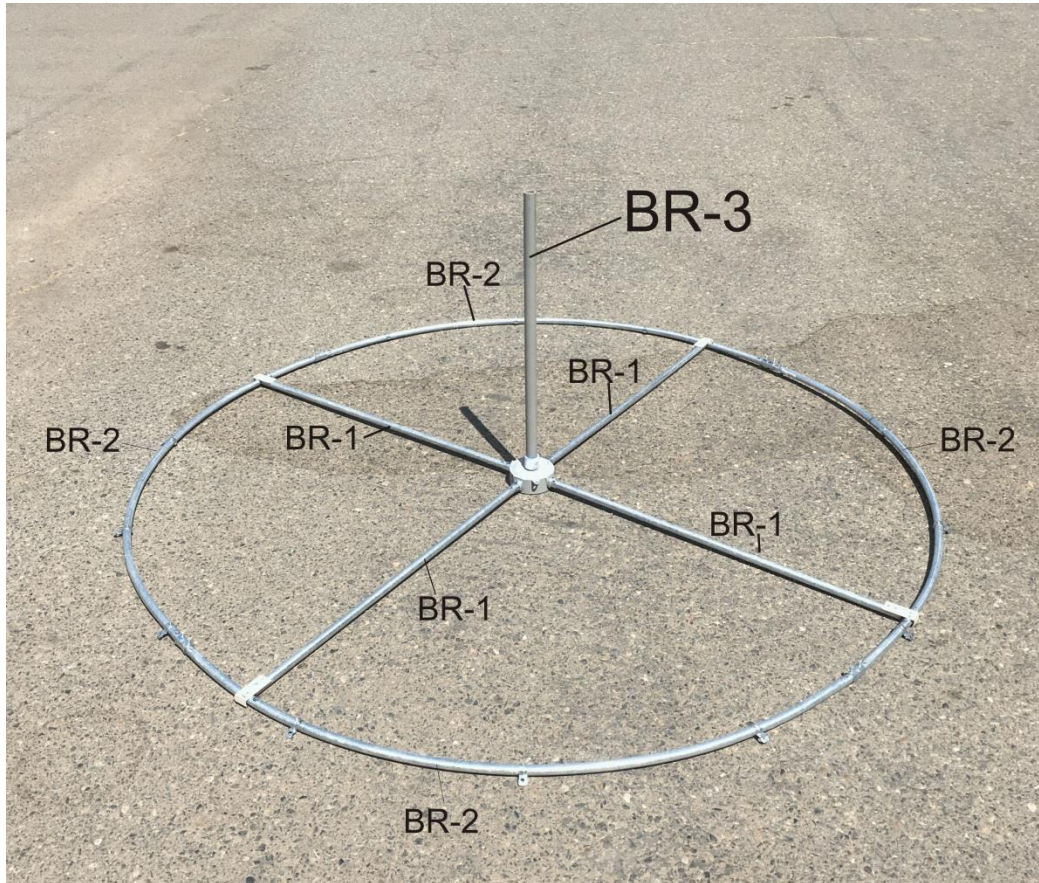
Qty 1- Light Strand Assembly

Qty 2- Center Pole pieces

Outdoor Use

The FS-90 has been designed for seasonal outdoor use only. This means that we do NOT recommend it to be permanently mounted outdoors. Permanently mounting the FS-90 outdoors will drastically shorten the lifespan of the unit.

Assembly



1- Assemble the **OUTER RING** using the four (**BR-2**) pieces. Connect so that (A) goes to (A), (B) to (B) and so on. You will need to back the screws out a little bit to get the poles to fit into the connector. Do **NOT** over tighten the screws! Just make them snug.

2- Attach the four (**BR-1**) pieces to the (**BR-3**) **CENTER PIECE**. Make sure that the **FLAPS** on the end of the poles, are positioned as shown in the picture above before tightening. You will need to back out the screws on the (**BR-3**) to get the rods to fit in the connector. Do **NOT** over tighten the screws.

3- Place the assembled **CENTER PIECE** over the assembled **OUTER RING**. Make sure that the numbers 1 through 4 on the **FLAPS** from the **CENTER PIECE** are roughly aligned to the same numbers on the **OUTER RING**. Numbers on the **OUTER RING** should be facing UP.

4- Remove the screw from position "1" on the **OUTER RING**, place the **FLAP** from the **CENTER PIECE** labeled "1" over the hole #1, and attach the **FLAP** to the **OUTER RING** with the screw. Do **NOT** tighten the screw! Just make sure it is all the way down. Repeat this process for position #2, #3, and #4 on the **OUTER RING**.

5- Connect the two **CENTER POLE** pieces together. Position so "M" is to "M". Do **NOT** over tighten the screw.

6- Slide on the **LIGHT STRAND ASSEMBLY** on to the top of the **CENTER POLE**. No screws to tighten.



7- Inset the **STAR** into the top of the **LIGHT STAND ASSEMBLY**. No Screws to tighten.

8- Connect the connector from the **STAR** to the Controller on the **LIGHT STRAND ASSEMBLY**.

9- Insert the **CENTER POLE** into the **CENTER PIECE**. There are no screws to tighten.



10- Attach the power connector from the **CENTER PIECE** to the Controller on the **LIGHT STRAND ASSEMBLY**.

11- Attach all 14 light strands to the **OUTER RING** by slipping the stretch cord over the clips on the **OUTER RING**. Make sure you do them in the correct order.



12- Using the supplied RE-USABLE white Zip Tie, secure the bottom of the power supply connector to the center pole as shown.



13- To make the FS-90 secure, it is recommended that you install at least three stakes (not supplied) on the **OUTER RING**, to secure the FS-90 to the ground. On asphalt or any other hard surface you can put weights (not supplied) over the **OUTER RING**.

Connect the power plug to 120VAC power. That's it!

Specifications:

- 1- Dimensions: Height= 8' (96 ") x Width= 6' 2" (74") x Depth= 6'2" (74")
- 2- Un Packed Weight: 17.75 lbs
- 3- Power Requirements: 110- 120VAC @ 60Hz at 200mA (24 Watts)
- 4- Power Supply= 5V @ 6A. Center Positive.
- 5- Power Cord: 3.5' Long. 2 Prong US Cord (Non-Detachable).
- 6- Strand LEDS= 294 Fairy LEDS. Fixed color.
- 7- Star LEDS= 74 Multi-Color LEDS (APA102).
- 8- Total LEDS= 368
- 9- Operating and Storage Temperature Range -40°F to +158°F

Limited 3 Year Warranty

This SKUTCH PRODUCT is warranted against defects for a period of three (3) years from the date of the original invoice. Within this period, we will repair it without charge for parts and labor. To obtain warranty service the product must be returned, at the customer's expense, to SKUTCH Electronics along with a copy of the original invoice. After the unit has been repaired, SKUTCH will ship the PRODUCT back via UPS GROUND service at our expense ONLY within the continental United States. The customer MUST pay 100% of the return shipping cost on units shipped to outside of the continental United States. If any other form of return shipment is requested, the customer will pay for 100% of the shipping cost. This Warranty does not apply if in the sole opinion of SKUTCH Electronics, the PRODUCT has been damaged by lightning or any other Acts of God, or by accident, misuse, neglect, or improper packing, shipping, modification or servicing by other than an authorized SKUTCH Service Center. EXCEPT AS SPECIFICALLY PROVIDED IN THIS AGREEMENT, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND IN NO EVENT SHALL SKUTCH ELECTRONICS BE LIABLE FOR LOSS OF PROFITS OR BENEFITS, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER SIMILAR DAMAGES ARISING OUT OF ANY BREACH OF THIS WARRANTY OR OTHERWISE.

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