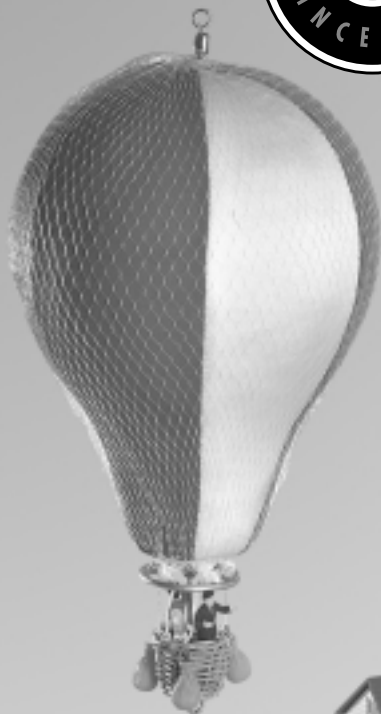


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**Lionel**  
**Hot Air Balloon Ride**  
**Owner's Manual**

**Caution!**

***Possible entanglement or strangulation injury.  
Keep fishing line out of the reach of children.***

**C**ongratulations on your purchase of the Hot Air Balloon Ride accessory from the Miniature Railroad & Village®! Each afternoon, many tiny passengers gather at the airfield to board the hot air balloon sunset tour of the Miniature Railroad & Village® river valley. As the colorful aerostat ascends above the valley before gliding over the river and out of sight, we can hear the call “Hey, I can see my house!” Imagine what the scene below would be as you glide over your own miniature world.

Two balloons are suspended over your layout. The balloons go up and down automatically by means of a pulley system.

## ***Caution!***

***Possible entanglement or strangulation injury. Keep fishing line out of the reach of children.***

### **Hot Air Balloon Ride inventory of parts**

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- **Platform**
- **Balloon**
- **Weighted balloon**
- **Two pulleys**
- **Fishing line**
- **Four green wires**
- **Separate switch**
- **Owner’s manual**
- **Service Center list**

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*The name FasTrack® is used with permission from Pitsco, Inc.*

## Powering the accessory

This accessory operates best at 12-18 volts (AC). You may choose to supply power with a separate accessory power supply or through the track using a Lionel Lockon (available separately, 6-62900) or a FasTrack Accessory Power Wire (available separately, 6-12053). Refer to Figure 1. To make the proper connections, the ends of the wires must be stripped back 1/8" to 1/4".

**Caution!** Only an adult should perform this task. We recommend using a pair of wire strippers. Always use care when stripping wires.

1. Attach one wire to the A terminal on the base of the accessory and connect it to the Power/A terminal on your power supply or to the #1 Lockon terminal. If you are using the FasTrack Accessory Power Wire, simply connect the bare end of this wire to the A terminal on the accessory.

**Note!** To make the thumbscrew connection, loosen the thumbscrew, insert the bare end of the wire into the hole in the post, and tighten the thumbscrew to secure the connection.

2. Attach one wire to the U terminal on the base of the accessory and connect it to the Common/Ground/U terminal on the power supply or the #2 terminal on the Lionel Lockon. If you are using the FasTrack Accessory Power Wire, simply connect the bare end of this wire to a U terminal on the accessory.
3. Attach a wire to each of the SWITCH terminals and connect them to the separate switch.

**Note!** To make the switch connection, loosen the screw, wrap the wire around the post, and tighten the screw to secure the connection.

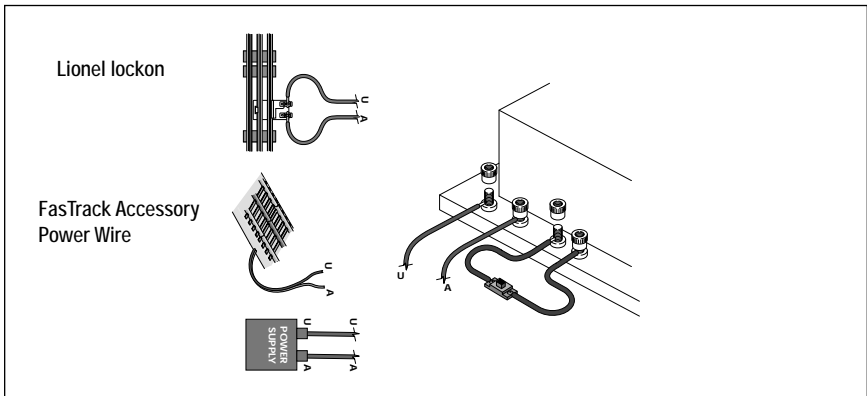


Figure 1. Accessory connections

## Installing the accessory

**Y**ou must choose two locations on your layout for the Hot Air Balloon ride. The first location is for the platform. The second location is a landing area for the weighted balloon. The balloons are suspended above these locations by pulleys, which must be attached to the ceiling. Refer to Figure 2.

Keep in mind that the maximum distance between the platform and the ceiling is 8.5 feet. The maximum distance between the two locations (or between the pulleys) is 20 feet.

1. Secure the platform to the surface of your layout using four 1/2" wood screws (not included).
2. Attach a pulley to the ceiling directly above the hole in the platform where the string exits.
3. Attach another pulley to the ceiling directly above the landing location for the weighted balloon.
4. Using the separate spool of string, tie an end of the string to the top of the weighted balloon.
5. Place the weighted balloon on the landing location and route the string around the two pulleys. As illustrated in Figure 2, this string should terminate a few inches below the pulley above the platform.

**Note!** The string should enter and exit the pulleys at a ninety-degree angle. Do not route the string through or around the posts in the pulleys. The string should travel around the wheel and remain on the outside of the posts.

6. Connect the platform string to the bottom of the lighter balloon.
7. Tie the other end of the string to the top of the lighter balloon.

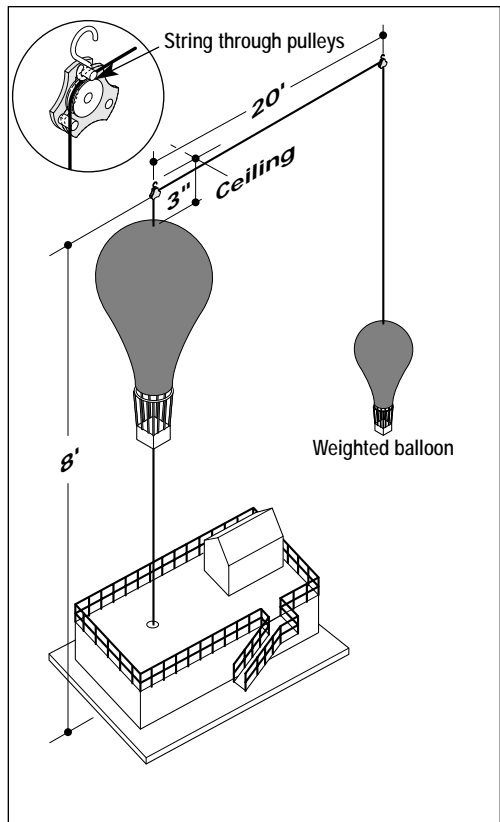


Figure 2. Balloon set-up

## Operating the accessory

Slide the separate switch to the ON position to start the action. The balloons will automatically ascend and descend. Note that the action reverses each time one of the balloons reaches the bottom.

## Wiring and operating the accessory with TrainMaster Command Control

You may choose to wire your accessory with an SC-2 Switch and Accessory Controller (available separately, 6-22980) or the Accessory Switch Controller (available separately, 6-14182) for operation in the TrainMaster Command Control environment. Refer to these manuals for additional information.

**Note!** We recommend that you use 22-gauge or heavier wire.

### SC-2 wiring and operation

Four wires (not included) are needed to connect your accessory to the SC-2 and a separate accessory transformer. Connect the accessory as illustrated in Figure 3.

Use the **AUX2** button on your CAB-1 Remote Controller to toggle the accessory ON and OFF.

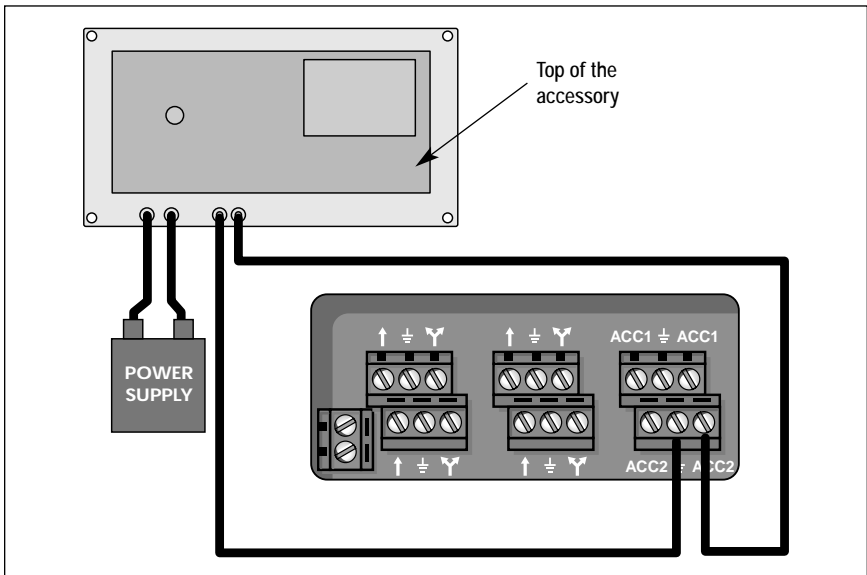


Figure 3. SC-2 connections

# Wiring and operating the accessory with TrainMaster Command Control (continued)

## *Accessory Switch Controller wiring and operation*

Four wires (included) are needed to connect your accessory to the Accessory Switch Controller (ASC) and a separate accessory transformer. Connect the accessory as illustrated in Figure 4.

Use the **AUX2** button on your CAB-1 Remote Controller to toggle the accessory ON and OFF.

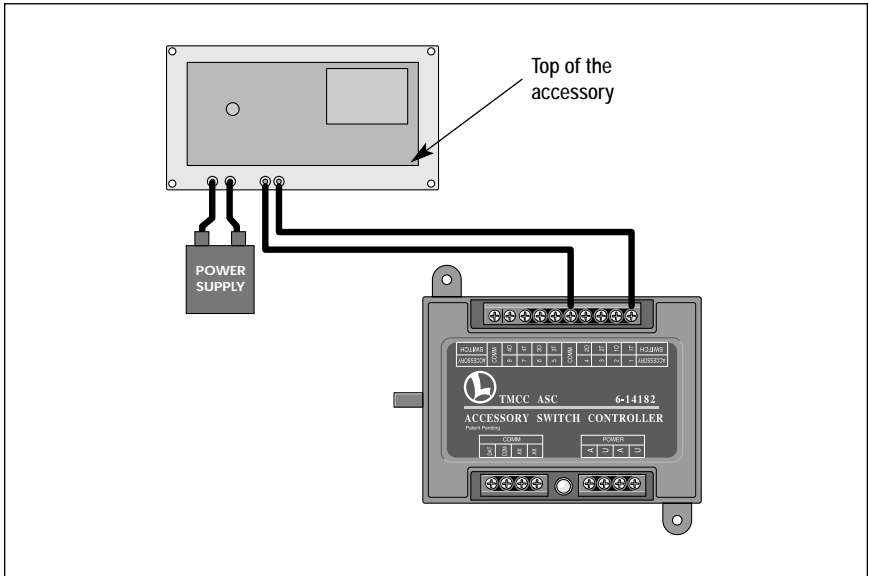


Figure 4. ASC connections

## Limited Warranty/Lionel Service

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**T**his Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, except for light bulbs, is warranted to the original consumer-purchaser, for **one year** against original defects in materials or workmanship when purchased through an authorized Lionel merchant.

This warranty does NOT cover normal wear and tear, light bulbs, defects appearing in the course of commercial use, or damage resulting from abuse or misuse of the product by the purchaser. Transfer of this product by the original consumer-purchaser to another person voids this warranty. Modification of this product voids this warranty.

Any warranted product which is defective in original materials or workmanship and is delivered by the original consumer-purchaser to Lionel L.L.C. or an authorized Lionel L.L.C. Service Center, together with proof of original purchase will, at the option of Lionel L.L.C., be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a replacement is not available, a refund of the original purchase price will be granted. Any products on which warranty service is sought must be sent freight or postage prepaid, as transportation and shipping charges are not covered by the warranty.

### **In no event shall Lionel L.L.C. be liable for incidental or consequential damages.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state.

### **Instructions for Obtaining Service**

If service for this Lionel L.L.C. product is required, bring the item, along with your dated sales receipt and completed warranty information to the nearest Authorized Lionel Service Center. Your nearest Lionel Service Center can be found by calling 1-800-4-Lionel, or by accessing our Website at [www.lionel.com](http://www.lionel.com).

If you prefer to send your product back to Lionel L.L.C. for repair in Michigan, you must first call 586-949-4100 or FAX 586-949-5429, or write to Customer Service, P.O. Box 748, New Baltimore, MI 48047-0748, stating what the item is, when it was purchased and what seems to be the problem. You will be sent a return authorization letter and label to ensure your merchandise will be properly handled upon receipt.

Once you have received your return authorization and label, make sure that the item is packed to prevent damage during shipping and handling. We suggest that you use the product's original packaging. This shipment must be prepaid and we recommend that it be insured.

Please make sure you have followed all of the above instructions carefully before returning any merchandise for service. You may choose to have your product repaired by one of our Authorized Lionel Service Centers after its warranty has expired. A reasonable service fee will be charged.

### **Warranty Information**

Please complete the information below and keep it, along with your dated sales receipt. You must present this and your dated sales receipt when requesting warranty service.

Name \_\_\_\_\_

Address \_\_\_\_\_

Place of Purchase \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Product Number \_\_\_\_\_

Product Description \_\_\_\_\_



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