



Customizing Family Fun



SKU#: BGFC-050

# Enchanted Forest Train Ride

## Instruction Manual

Assembly, Operation, and Care Instructions

Serial #: \_\_\_\_\_

Distributed By: \_\_\_\_\_

Sales Person: \_\_\_\_\_

Technical Service #: \_\_\_\_\_

\*V.061716

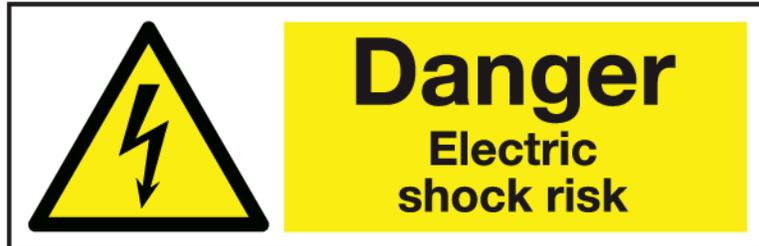
## Inspect Immediately after Transporting the Product

After receiving the shipment, inspect the product thoroughly to ensure that it has been shipped with care. Before turning the power on, please check the following:

- Check the unit for any damage or shifting that may have occurred during shipping. Are there any dented portions or defects (cuts, etc.) on the external surfaces of the unit?
- Are all of the major operating pieces intact?
- Do the power supply voltage and frequency requirements meet with those of the location (110V/220V)?
- Are all wires linked correctly and securely connected to each other? If coupled in an incorrect manner, the connection will not be made accurately and it could cause not only irreparable damage to the machine, but also is a potential fire hazard. **DO NOT INSERT CONNECTORS FORCIBLY.**
- Check that the all the cables, including power cables, are undamaged. Do power cables or other wires have any splices, cuts, or dents?
- Have you been provided with all of the associated accessories?
- Can all doors/lids be opened with the accessory keys? Can doors/lids be firmly closed? Does the coin box key open the coin box(es)?



## Safety Instructions



- This equipment may contain hazardous voltage which can cause electrical shock. Only **qualified personnel**\* should work inside the equipment. \*Note: Keep reading for a list of qualified personnel.
- To maintain personal safety and the safe operation of this product, read the entire manual before using it. The following instructions are intended for the users, operators, and the personnel in charge of the operation of the machine. **Be sure to keep this manual close to the product or in a convenient place for future reference.**



## IMPORTANT NOTICES

- This product is intended for indoor use only
- Do not approach the ride while it is in use, as this could be hazardous.
- Adults should not climb or lean on the unit. Riders may sit on the train seat and hold on. Do not place anything, including beverages, on or around the moving unit.
- Do not drag the unit when moving it, as this could damage the machine beyond repair.

## Definition of Site Maintenance Personnel or Other Qualified Individuals



# WARNING

**Servicing and maintenance work of the contents herein stated should be performed by the *SERVICEMAN* stipulated as per IEC Standard. Those who do not have technical expertise and knowledge other than the *SERVICEMAN* are not allowed to perform the work herein stated. Executing the aforementioned work by such non-technical personnel can cause serious accidents that may endanger life.**

Replacing parts, maintenance inspections, and troubleshooting should be carried out by **Site Maintenance Personnel** or other **Qualified Professionals**. This manual includes directions for potentially dangerous procedures which should only be performed by professionals with appropriate and specialized knowledge.

The **Site Maintenance Personnel** or other **Qualified Professionals** mentioned in this manual are defined as follows:

- **Site Maintenance Personnel:** Individuals with experience in maintaining amusement equipment, vending machines, etc., working under the supervision of the owner and/or operator of this product. Maintenance Personnel frequently service machines within amusement facilities or similar premises by carrying out everyday procedures such as: assembly, maintenance inspections, and replacement of units or replaceable parts.
  - **Actions Approved for Site Maintenance Personnel:** Machine assembly, maintenance inspection, and replacement of units or replaceable parts.
- **Other Qualified Professionals:** Personnel employed by the amusement equipment manufacturer. Personnel may also have been involved in design, production, testing, or maintenance of said amusement equipment. This individual should have either graduated from a technical school or hold similar qualifications in electrical, electronics, or mechanical engineering.
  - **Actions Approved for Other Qualified Professionals:** Assembly, maintenance, inspection, and replacement of units or replaceable parts for amusement equipment and/or vending machines, including repair or adjustments of electrical, electronic, or mechanical parts.

## Before Using This Product

Please be sure to read the following before using this machine, in order to ensure the safe operation of this product. The following instructions are intended for users, operators, and personnel in charge of the operation and maintenance of the machine. After carefully reading and sufficiently understanding the warning displays and cautions, please handle the machine appropriately. Be sure to keep this manual for future reference.

**Qualified Personnel:** Only personnel who have technical expertise should perform the work stated herein to avoid hazardous situations. The instructions state that site maintenance personnel should be the only personnel performing work. Please perform maintenance work in accordance with the stated instruction; provided instructions for maintenance work are to minimize risk and prevent accidents. Failing to perform work as stated within the Instruction Manual may potentially be dangerous to both maintenance personnel and users.

- **Be sure to turn off the power before working on the machine.** To prevent electric shock, be sure to turn the power off before carrying out any work that requires direct contact with the interior of the product. If the work is to be performed in the power-on status, the Instruction Manual will state to do so.
- **Be sure to ground the Earth Terminal.** This is not required in the case where a power cord with earth/ground is used.
- **Ensure the power supply used is equipped with an Earth Leakage Breaker.** This product does not incorporate an Earth Leakage Breaker. Using a power supply which is not equipped with an Earth Leakage Breaker can cause a fire when or if earth leakage occurs.
- **Before installing the product, check for electrical specifications; the product must meet the requirements.** Ensure the product is compatible with the power supply voltage and frequency requirements of the location. Using any electrical specifications that are different from the designated specifications can cause a fire and/or electric shock.
- **Install and operate the product where appropriate lighting is available, allowing warning and safety labels to be read clearly.** To ensure customer safety, labels and printed instructions describing potentially hazardous situations are applied to places where risk for potential accidents are increased.

**If any label is peeled off, apply it again immediately.** Please contact Barron Games Technical Support at 1+716-866-0054 or email [service@barrongames.com](mailto:service@barrongames.com) if you are in need of new stickers or parts. Visit [www.BarronGames.com](http://www.BarronGames.com) for more information about Barron Games' Parts and Service Department.

## INSTALLATION AND MAINTENANCE SAFETY

This product is an indoor game machine amusement ride for small children.

**Do not install it outside.** Even indoors, it is strongly recommended to avoid installing it in the places mentioned below, to avoid causing a fire, electric shock, machine malfunction, or even death. Do not install or maintain this product in/on/within/near:

- places subject to rain or water leakage, places subject to high humidity, or in the proximity of an indoor swimming pool, shower, steam room, etc.
- places subject to direct sunlight, places subject to high temperatures, or in the proximity of heat dispensing units or portable heating devices.
- places filled with inflammable gas, within the vicinity of highly flammable or volatile chemicals, or other hazardous materials.
- dusty places.
- sloped surfaces.
- places subject to any type of violent impact.
- the vicinity of anti-disaster solutions, such as fire exits and extinguishers.
- places where the operating (ambient) temperature range is not 5°C to 30°C (41°F to 86°F).
- places near water or spray from water (such as a jet wash, hot tub, or swimming pool).

**To ensure maximum safety for the users and service personnel, ensure that where the product is operated has sufficient lighting to allow all safety labels to be read clearly. Operation under insufficient lighting is not advised.**

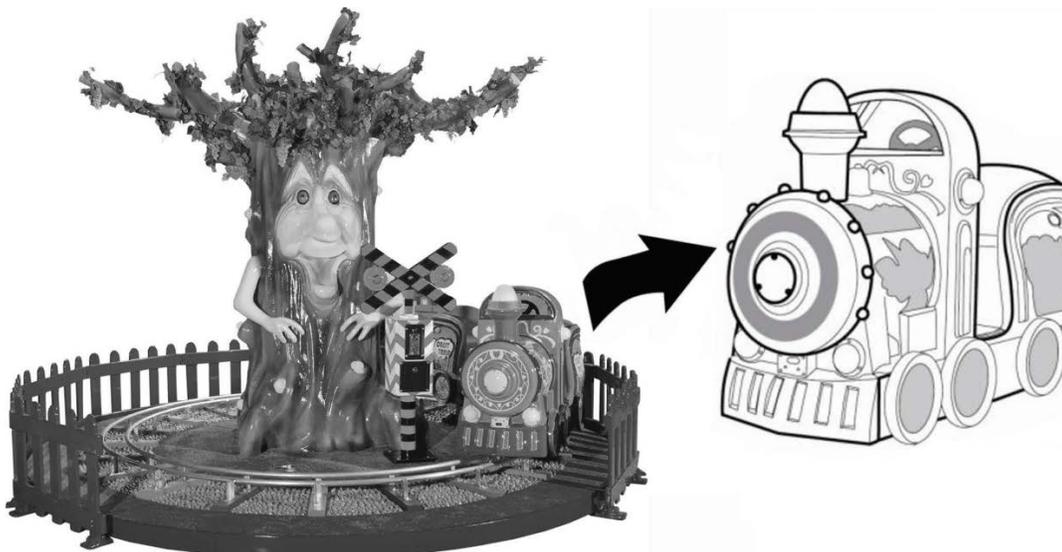


# ASSEMBLY NOTES

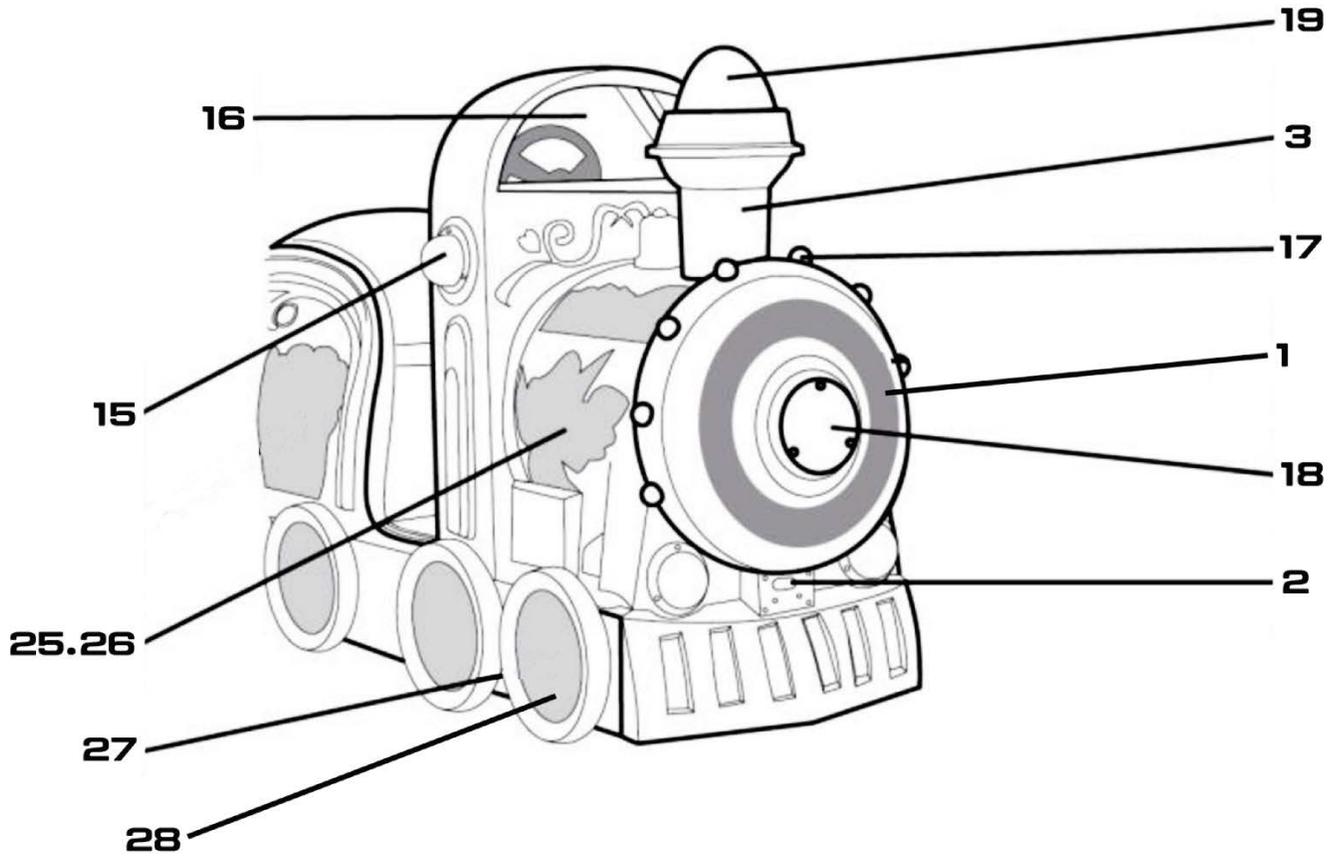
1. Read this Instruction Manual carefully before assembling or using.
2. Ensure that there is sufficient space to place and shift the product prior to assembly
3. Two strong adults are recommended to assemble the product.
4. Inspect and ensure all parts are securely attached before operating.
5. Please Note: Children and pets should be kept away from assembly and unit parts; this unit contains small parts and balls that could be a potential choking hazard.

\*Note: Please retain the original packaging, so that it may be used for storage or transport later.

<b>Weight</b>	1102 lbs / 500 kg
<b>Dimensions</b>	148 in. x 106 in.
<b>Length</b>	12.3 ft / 375 cm
<b>Height</b>	8.8 ft / 270 cm
<b>Max. Wagon Capacity</b>	110 lbs / 49.9 kg

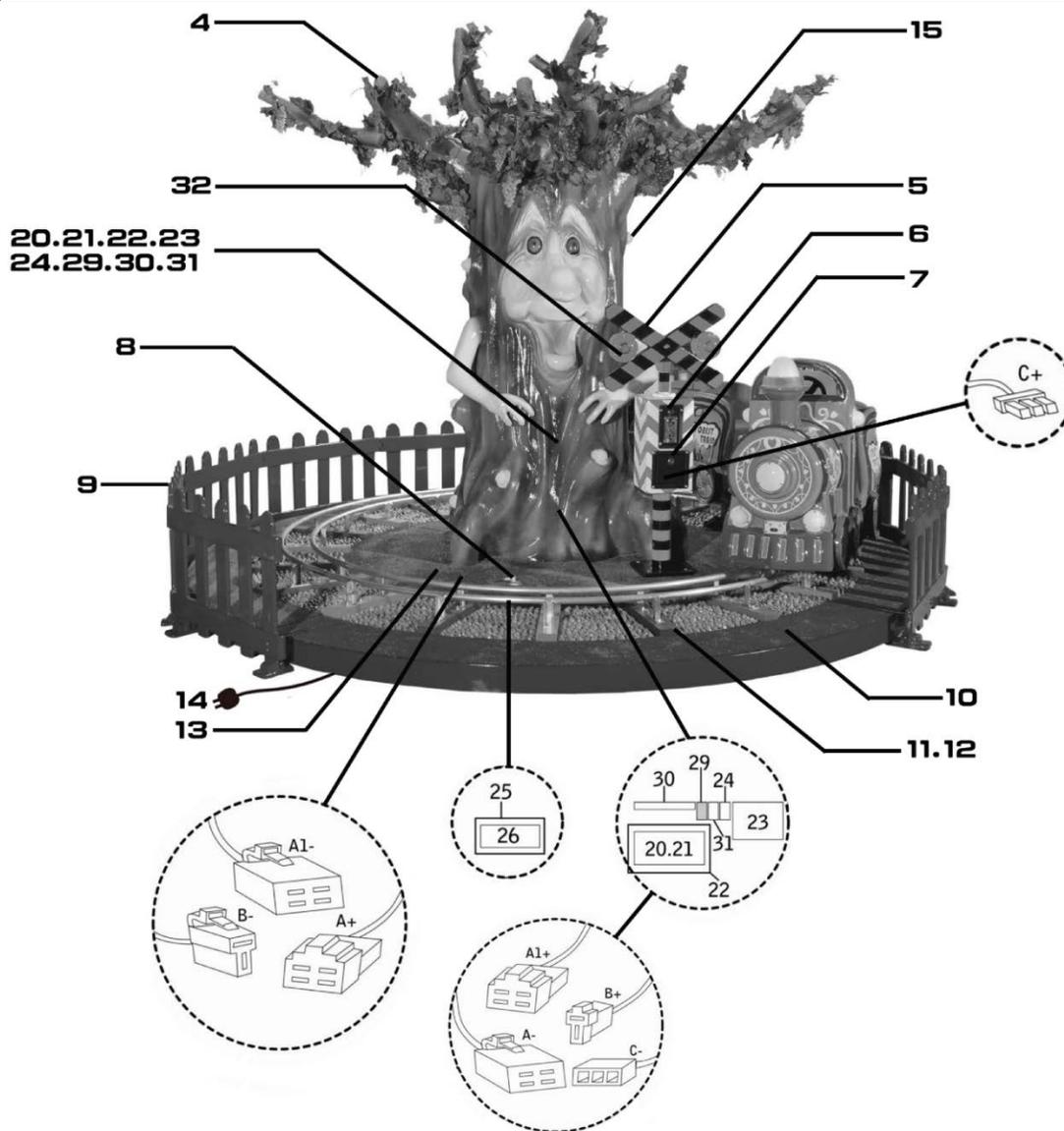


## Assembly – Step A Product Specifications



1	Train FRP (A)	12	Wood	23	Transformer
2	Sensor	13	Grass (Plastic)	24	Molded Case Circuit Breaker
3	Train FRP (B)	14	Power Plug (at rear of base)	25	Single Frame for Music Box
4	Tree FRP	15	Light #2	26	Music Box - Sounds (B)
5	Traffic Light FRP	16	Light #11	27	Motor
6	Coin Mechanism (Key #1)	17	Light #3	28	Stainles Steel Wheel
7	Coin Box (Key #2)	18	Light #8	29	Power Supply
8	Micro Switch	19	Light #1	30	Control PCB
9	Fence FRP	20	Controller	31	Rectifier
10	Base FRP	21	Music Box - Sounds (A)	32	Light #4
11	Track with AC 12V	22	Double Frame for Controller		

## Assembly – Step A Product Specifications



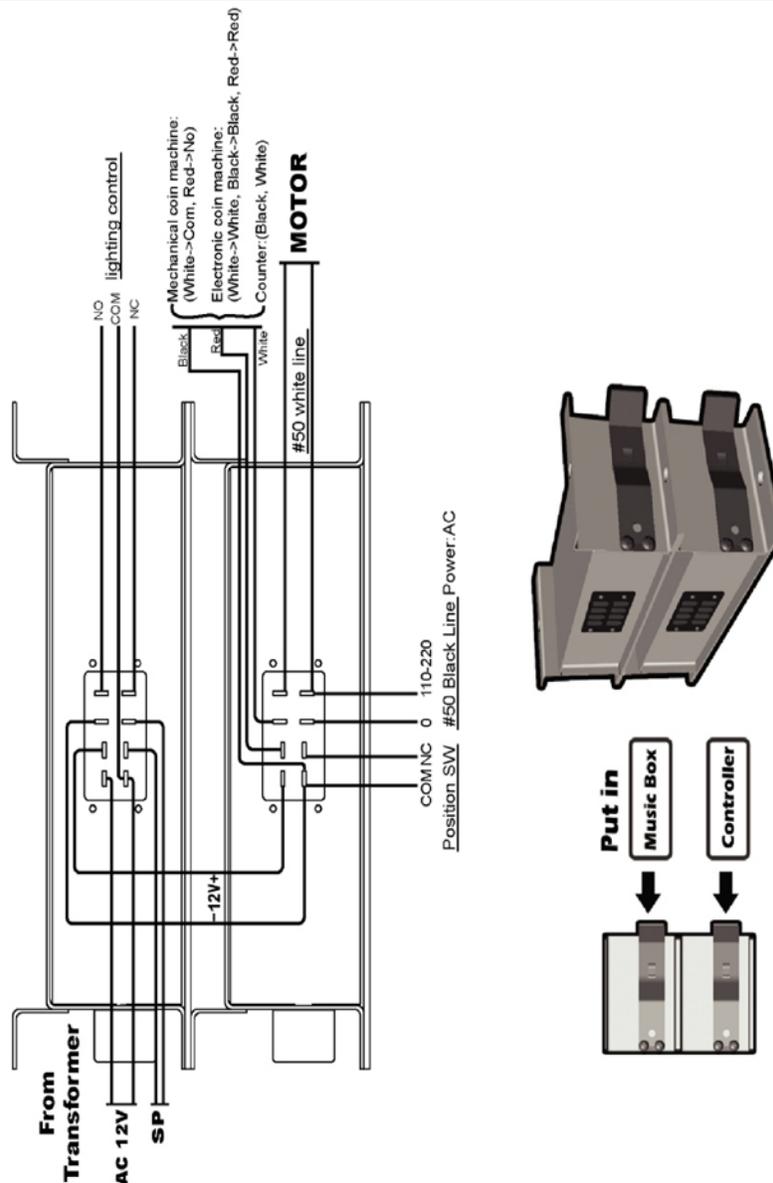
1	Train FRP (A)	12	Wood	23	Transformer
2	Sensor	13	Grass (Plastic)	24	Molded Case Circuit Breaker
3	Train FRP (B)	14	Power Plug (at rear of base)	25	Single Frame for Music Box
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11	Track with AC 12V	22	Double Frame for Controller		

## Assembly – Step ③ Assembly

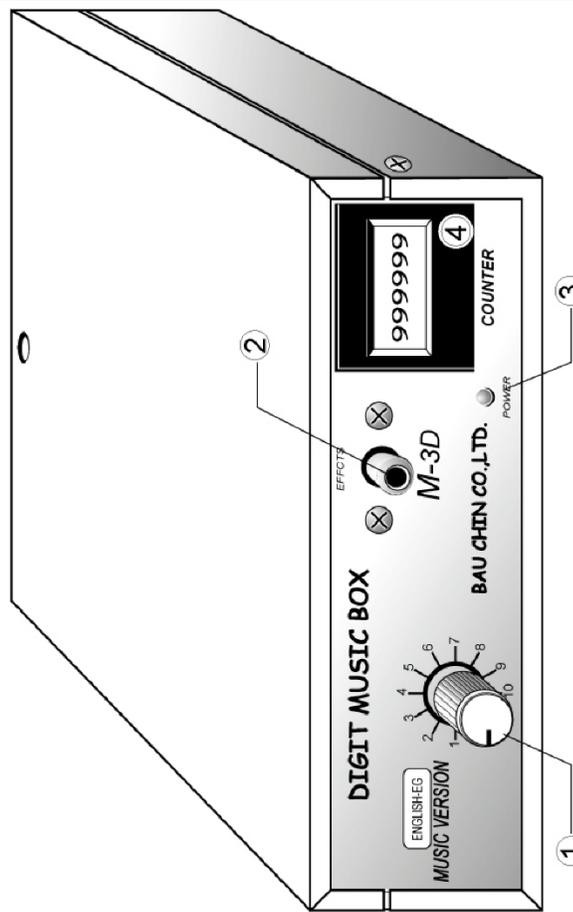
Every piece that needs to be connected to another piece (branches, bottoms, carriages, and fencing, etc.) is labeled with a number and will have a corresponding matching number on the piece where it needs to be connected. Connect 1 to 1, connect 2 to 2, connect 3 to 3, connect 4 to 4, etc.



## Wire Diagram

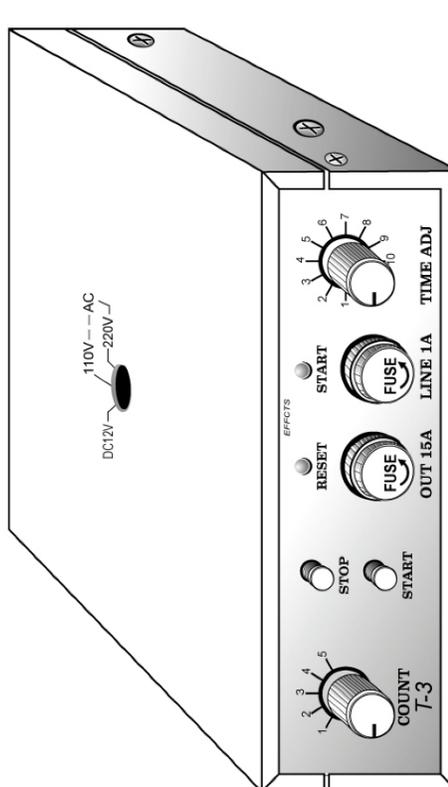


## Music Box Settings



1. **1-12:** Sound volumes adjust
2. **Sound button connection**
3. **Power light:** When power connect
4. **Counter:** Coin Counter
5. **Music:** 12 English kiddy songs to repeat

## Controller Settings



- Count:** Adjust the coin from 1 coin to 5 coins  
**Stop Button:** For Checking machine without insert coin to "STOP" the machine  
**Start Button:** For Checking machine without insert coin to "START" the machine  
**Reset:** Red lighting when power connect  
**Start:** Green lighting when machine start to working  
**1~12 play Time adjust:**
- |                             |                             |
|-----------------------------|-----------------------------|
| 1. 1 Minute and 30 Seconds  | 7. 3 Minutes and 30 Seconds |
| 2. 1 Minute and 40 Seconds  | 8. 4 Minutes                |
| 3. 1 Minute and 50 Seconds  | 9. 4 Minutes and 30 Seconds |
| 4. 2 Minutes                | 10. 5 Minutes               |
| 5. 2 Minutes and 30 Seconds | 11. 10 Seconds for testing  |
| 6. 3 Minutes                | 12. 0                       |

## After Installing the Product

1. Check the voltage regularly to avoid a short circuit or potential fire. Do not overload the circuit.
2. Keep the power cord out of areas with busy foot traffic to ensure the safety of users and the machine.
3. Keep children away from all power sources and power supply units. Children should always be under adult supervision while using the machine.
4. Regular maintenance should be performed on the machine to ensure that it is clean, smooth, and debris-free (see section "Care and Maintenance").
5. Do not use any sharp instruments on any part of the machine as it may cause irreparable damage.
6. Remove and replace any piece or part that becomes damaged.
7. Turn off the ride and have it inspected by an electrician or service technician if it is operating abnormally.
8. Contact an electrician or service technician if your product experiences the following:
  - Power Failure
  - Liquid or Objects Found Near/Inside Electronic Components
  - Abnormal Sounds
9. Use caution while transporting.
10. Do not use outdoors or in damp areas.

## Care and Maintenance

1. Always connect the machine to a grounded electrical outlet. **Be sure to always turn off the power before servicing the machine.**
2. Always turn OFF the power and unplug the power supply to the ride before opening or replacing any parts. When unplugging the machine from an electrical outlet, grasp the plug, not the cord.
3. **Caution:** Always use digital multimeter, logic tester, or oscilloscope for testing integrated circuits. Do not connect or disconnect any of the integrated circuits while the machine is ON. Do not install any fuse that does not meet the specified rating.
4. **Use a soft cloth and water only to clean the unit.** You do not need to use cleanser. We've found that a microfiber cloth works great to remove dirt and fingerprints with ease.
5. Periodically check the functionality of the coin mechanisms and empty coin boxes. If applicable, check the functionality of the ticket dispensers and restock.
6. To extend the life of this product, routinely maintain and inspect the machine.
  - a. Exterior Inspection
    - Check warning labels are coming off or are dirty and unrecognizable
    - Check if the light board is fastened or not
    - Clean the coin slot machine
    - Check each plug for frays or damage
  - b. Check the parts
    - Check if speakers are normally producing sound
    - Check if LED lights and buttons are normally functioning
    - Check to see if the display is clear of debris
    - Check all the screws on the track, tighten if necessary
    - Inspect unit for rust



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