

HomingGame New Helicopter Kiddie Ride Manual

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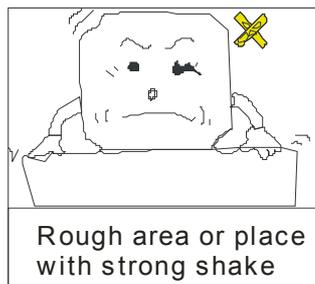
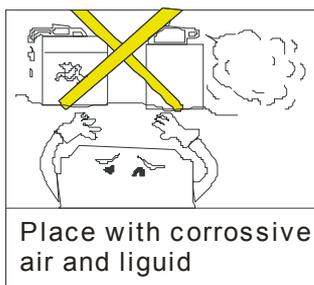
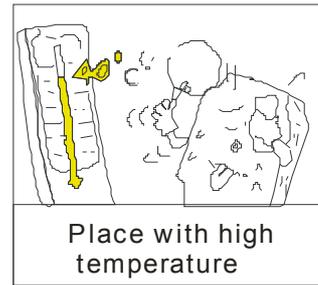
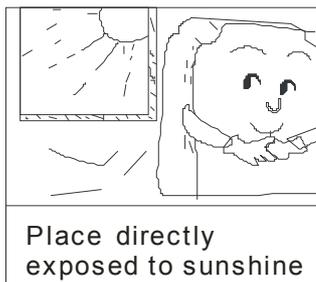
Please read the manual first before operating this machine.

Please pay attention to the items marked in “note”.

Safety Attentions

- 1) Certain part of the game is with high voltage. Adjust the game by technician. Do not open the game door unless maintenance or parts replacement is required.
- 2) Please switch off the power before checking and maintenance.
- 3) Please switch off the power before opening the game door.
- 4) Fire extinguisher equipment must be nearby the game.
- 5) The game must be located properly to avoid damages.

Improper Locations:



Notes of Usage

- 1) The voltage range of the game should be 105V~115V or 215V~225V. The proper voltage should be 110V/220V. The specific voltage accords to the date plate on the back door of the game.
- 2) The plug must be plugged in tightly but keep the power cords not be

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too tight.

- 3) Please properly adjust the coin mech and the game settings when use at the first time.
- 4) Please regularly check all the functions of the game when operate.

Notes of Maintenance

- 1) Be sure to check and maintance the game regularly.
- 2) Switch off the power before replacing the parts of the game.
- 3) The parts for replacement should be the same model as the old one.
- 4) Please check the connection and voltage output after replacing the power supply.
- 5) The voltage range of the PCB should be 5.1V-5.4V.
- 6) Check whether the game has creepage and the voltage before repairing the PCB.

Notes of Clean

- 1) Please use clean and soft colth to clean the game.
- 2) Prevent damaging the surface of the game, please do not use the following cleanser:
 - Alterative Cleanser;
 - Acidic Cleanser;
 - Insecticide, sterilized water, alcohol or other chemical cleanser.

Notes of Moving and Shipping

- 1) Properly disassemble the game for necessary moving and shipping.
- 2) Prevent the game from hitting or being attrite during movement.
- 3) Protecting the case when move the game.

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1. GAME INTRODUCTION

These special kiddie rides with creative outlook and attractive sound effects. Kids on the rides will feel the movements with special music. These rides will be one of the most popular series in your FEC!!

Features:

Creative, realistic, colorful outlook;

Integrated main board provides stable and reliable performance;

High-quality coin mech fit for various coins;

2. OPERATION

Insert coin and the game will start automatically. Kids can drive the steering wheel, press the buttons to play different music and sound effects.

3. TECHNICAL PARAMETER

Voltage: AC 220V/110V (50/60HZ)

Max. current: 5A/10A

Max. power: 550W/1200W

(Please refer to the nameplate on the back of the game for actual used voltage/ current/ power.)

Diameter of coin: $\varnothing 21\text{mm} \sim \varnothing 30\text{mm}$

Thickness of coin: 1.2mm \sim 2.5mm

Capacity of coin box: about 1800 pcs with coin size $\varnothing 25\text{mm} * 1.5\text{mm}$

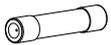
Location Required: indoor use; temperature: $-5 \sim 40^{\circ}\text{C}$; no contact with any corrosive, greasiness and dirt.

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Parts shipped with the game:

NO.	DRAWING	NAME	SPEC./MODEL	QTY
1		FUSE	10A/15(large)	2
2		KEY	1285 #	2
3		KEY	1396 #	2
4		MANUAL		1

Note: No further notice will be given in case of changing the parameters of the game. We will not undertake any responsibilities if the game is modified without proper technical guidance.

4. INSTALLATION

4.1 Choose a proper location:

Please make sure there will be 0.5m space around the game and the game must be put on the flat floor.

4.2 Connect to the power

- 1) Check if the parts inside the game are loose and all the plugs should be properly plug into the connector.
- 2) Check if the GND of the game are properly connected.
- 3) Check whether the resistance of GND of the power is more than 100 megohm.
- 4) Connect the wires: take out the wires, then connect the wire to the filter

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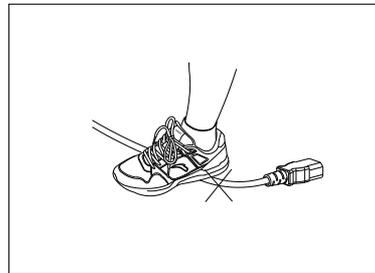
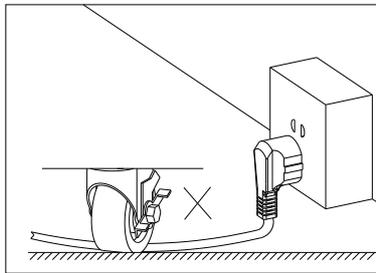
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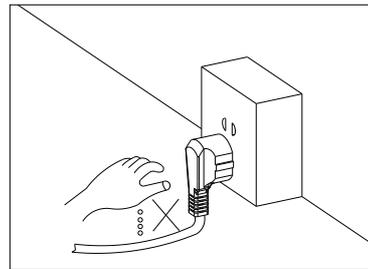
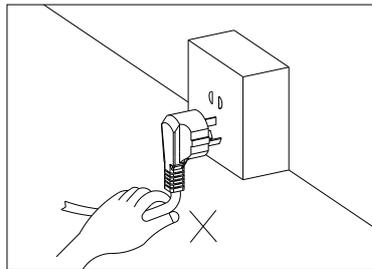
of the game and socket.

ATTENTIONS:

- A) Please make sure the power cord is not pressed by wheel, foundation, etc. Otherwise, it will damage the wire to cause short circuit, even fire. Do not use strong power to extend and wring the wires. Do not make the wire be near to the high temperature object. Properly put the wire to avoid any kicking or treading.



- B) Hold the plug to pull it out from the socket. Do not touch the plug with wet hands.



 warning

Before inputting the power, please check the resistance between input port and GND. Make sure the connection is proper.

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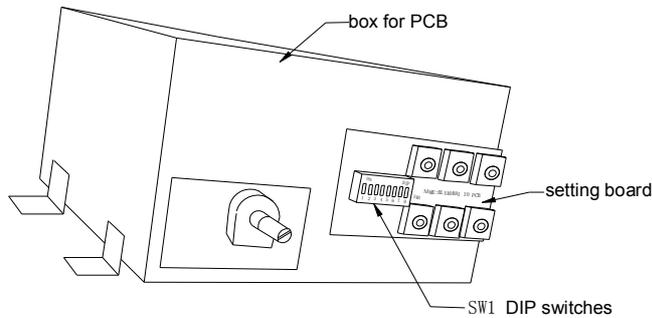
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5) Game settings:

Descriptions:

1. Open the coin door to find out the DIP SW1 on main board.



2. Please follow the below setting chart to set

DIP SW1		SETTING							
		1	2	3	4	5	6	7	8
No. of coin per play	1 coin	OFF	OFF						
	2 coins	ON	OFF						
	3 coins	OFF	ON						
	5 coins	ON	ON						
Game time per play	60 sec			OFF	OFF				
	90 sec			ON	OFF				
	120 sec			OFF	ON				
	180 sec			ON	ON				
Time for waiting the DEMO music plays	120 sec					OFF	OFF		
	180 sec					ON	OFF		
	90 sec					OFF	ON		
	60 sec					ON	ON		
DEMO music play or not	Disable							OFF	
	Play							ON	

No. of coin per play: This setting can decide how many coins player need to insert for one play.

Game time per play: This setting can decide how long one play will last.

5. CHECK BEFORE AND AFTER OPERATION

Please check the game before daily operation

Items to be checked:

- Confirm the wires are securely connected and without defects.
- Confirm the game is firmly fixed.
- Check if the game case is without defects and burrs
- Check if the game is without dirt and properly stucked on with marks.
- Swith on the game.
- Check and confirm all the lights can work properly.
- Check and confirm the background music can work properly.
- Check and confirm the coin mech and sound effect is proper.
- Confirm the movements are proper.

6. DAILY OPERATION

6.1 Connect to the power

- 1) Check if the coin mech can work properly.
- 2) Check if the game can move properly.
- 3) Check if the game has unusual sound.
- 4) Check if the rider sits properly before operation.

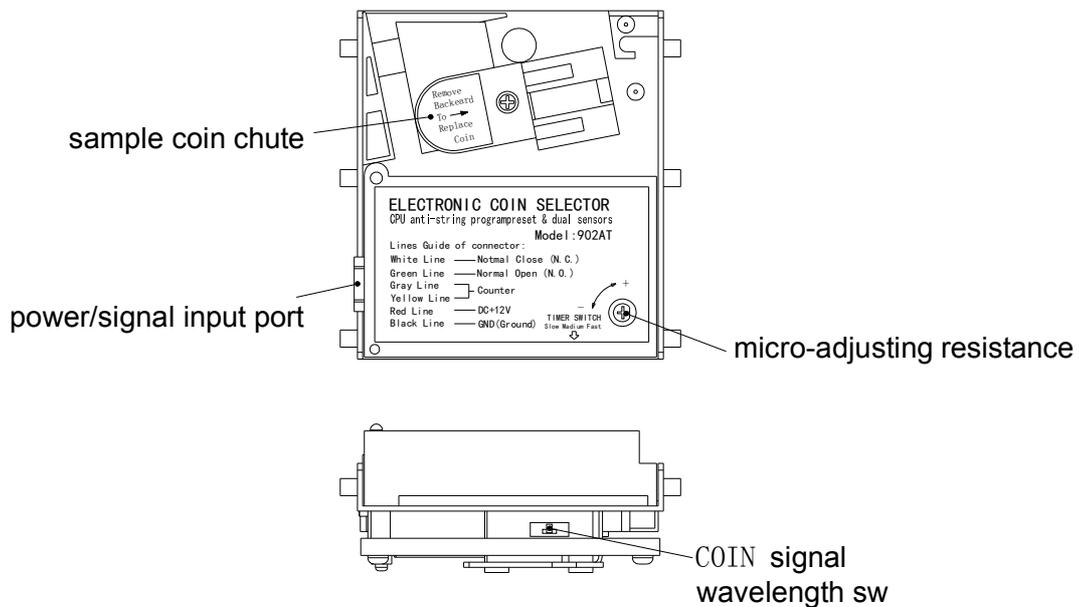
6.2 Keep record

There is a coin box and a coin meter inside the game. Please collect coins and keep record of the coin meter after operation.

7. ADJUSTMENT

7.1 Adjust the coin mech

Drawing:



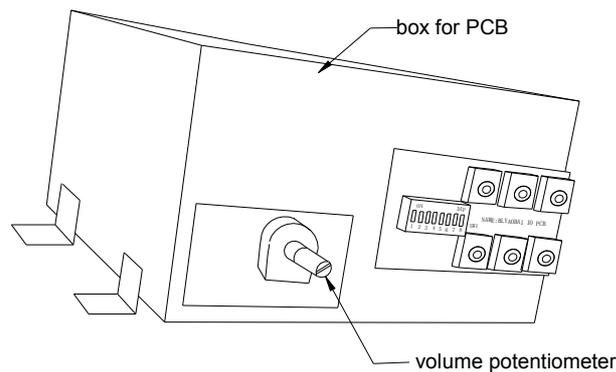
Descriptions:

- 1) Please take out the plastic coin from sample coin chute and replace it with token.
- 2) Adjust the COIN signal wavelength to 50MS.
- 3) Adjust the micro-adjust resistance of token tolerance. Clockwise: increase the sensitivity of token tolerance, that is, the range of accepting the token tolerance will be larger. Counterclockwise: decrease the sensitivity, that is, the range will be smaller and choose the token more strictly.

7.2 Adjust the volume

Descriptions:

1. Open the coin door to find out the volume potentiometer.



2. Turn the volume potentiometer to adjust the volume. Clockwisely turn the potentiometer to increase the volume; counterclockwisely will decrease the volume.

8. CHECK AND MAINTANENCE

⚠ warning

- Please check and maintain the game by technicians.
- Please power off the game when check and maintain.
- Please do not put any tools into cabinet, otherwise it will cause problem.
- After checking, please tightly screw the screws and close the door.

8.1 Daily check

ITEMS	DESCRIPTIONS
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Coin mech	Check if the coin mech can work properly.
Sound effect button	Check if the buttons can work properly.
Sound	Check if the game has proper sound
Motor for shaking	Check if the motor can work properly.
Lights	Check if all the lights can work properly.
Temperature / Humidity	Check if the temperature and humidity are properly.

8.2 Daily maintenance

ITEMS	DESCRIPTIONS
Cabinet	Clean the cabinet with water and paper.
PCB	Clean the PCB with brush.

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9. TROUBLESHOOTING

ITEMS	PROBLEMS	CAUSES	SOLUTIONS
COIN MECH	Can't insert coin.	Need to adjust the coin mech. Wire of signal for coin mech is loose. The coin mech is bad.	Adjust the coin mech. Check the connection. Replace the coin mech.
	Some coins can not be inserted.	Need to adjust the coin mech. The material of coin is different.	Increase the sensitivity of coin mech. Change the coins.
SOUND EFFECT BUTTON	No action	The sw wire for the button is loose. The sw of button is bad.	Check the connection. Replace the micro switch.
CONTROLLABLE FLASH LIGHT	The light can not be lighted.	The connection of light is bad. The light is burnt. Light signal port on main board is bad.	Properly connect the light. Replace the light. Replace/repair the light.
LIGHT	The light can not be lighted.	The connection of light is bad. The light is burnt.	Properly connect the light. Replace the light.
MOTOR FOR SHAKING	No movement	The wire for motor is loose. The capacitance of motor creeps. The relay for motor is bad.	Check the connection and voltage of motor. Replace the capacitance. Replace the relay.
SPEAKER	No sound	The speaker is bad. The wire for sound signal is loose. The volume is too low.	Replace the speaker. Check the connection. Increase the volume.
POWER	No movement after powering on.	No AC110V/220V input. The fuse is burnt. No voltage output in power supply. The output voltage is too low in power supply. The main board is bad.	Check the connection and voltage. Replace the fuse. Replace/repair the power supply. Increase the voltage output of power supply to 12.5V. Replace the main board.

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10. SCHEMATIC DIAGRAM

