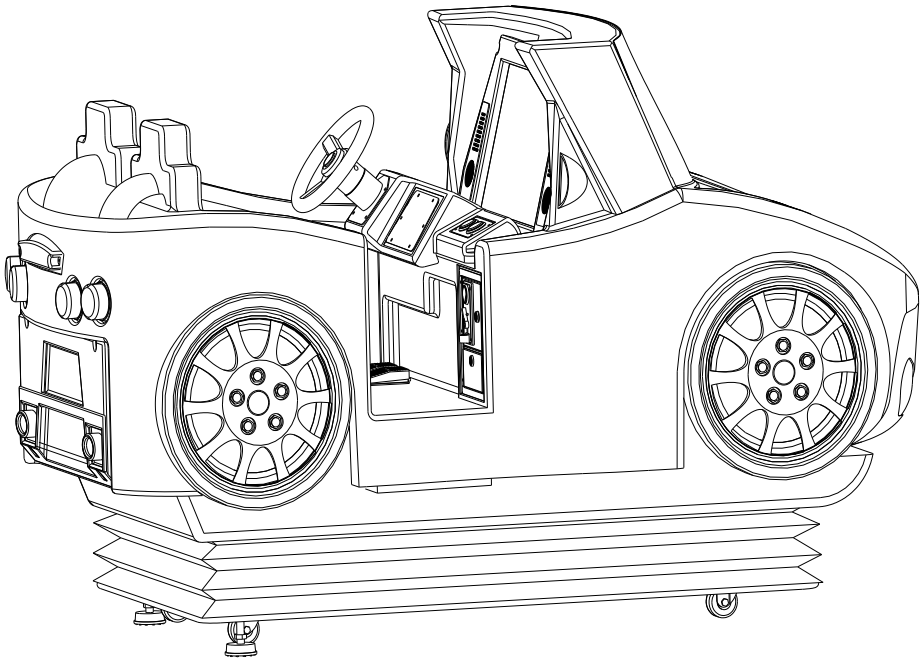


HAPPY CAR MANUAL

Tel:(TAIWAN):+886-2-2255-2636 Fax(TAIWAN):+886-2-2255-6366
Tel:(CHINA):+8620-84851613 Fax(CHINA):+8620-84559322
www.tecway.com.tw www.mecpower.com.cn

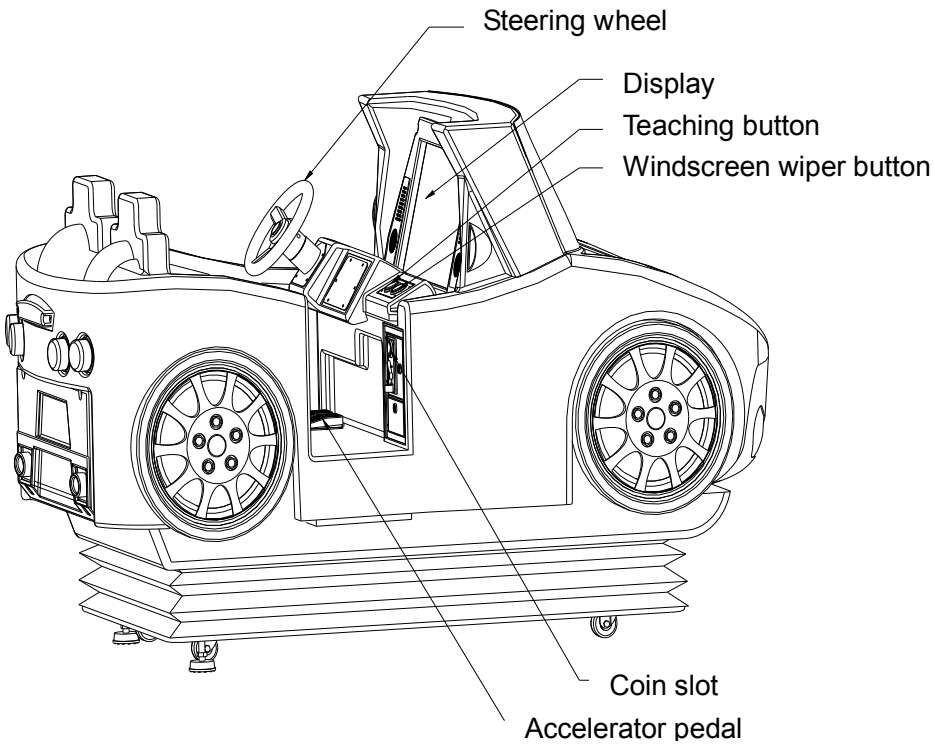
PLAYING INSTRUCTIONS:

1. Insert coin and the game will start automatically after several seconds.

2. Move the steering wheel to control the direction of the car and press accelerator pedal to speed up.

3. Press windscreen wiper button, there will be wiping effect displayed.

4. Press teaching button, it will display the information of the animal shown in the game.



TECHNICAL PARAMETERS:

Voltage: AC 220V/110V（50/60Hz）

Max. current: 1.5A/3A

(Note: The proper voltage and current used accords to the nameplate at the back door of the game.)

Max. power: 215W

Power (standby mode): 80W

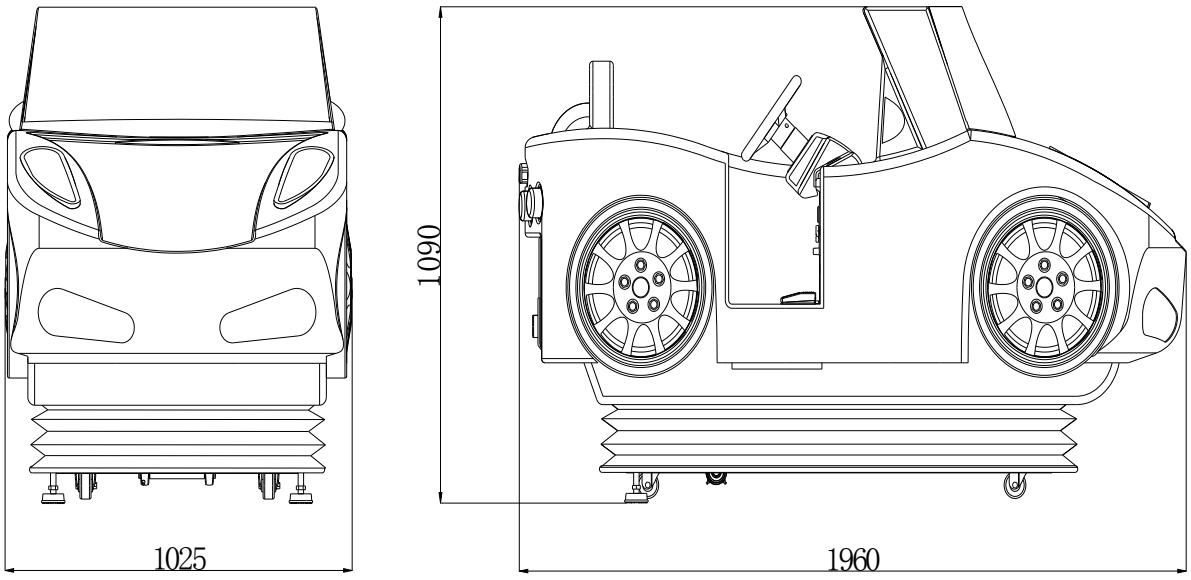
Coin size: φ21mm ~ φ30mm(diameter)

1.2mm ~ 2.5mm(thickness)

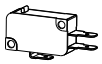
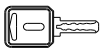
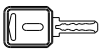
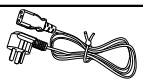
Capacity of coin box: about 1600 pcs with coin size φ25mm*1.5mm

Location required: indoor use; temperature: -5~40°C; RH > 90%; no contact with any corrosive, greasiness and dirt.

Dimensions: L1960mm*W1025mm*H1090mm



Parts & Accessories shipped with the game:

#	DRAWING	NAME	SPEC/MODEL	QTY
1		LED bulb	12V white	1
2		LED bulb	yellow, white	2
3		LED bulb		1
4		Micro switch		1
5		Key	1285#	2
6		Key	1396#	2
7		Power cord		1
8		Manual		1

Check the connection

(1). Check if the inner structure of the game is loose caused by transportation or the terminals drop.

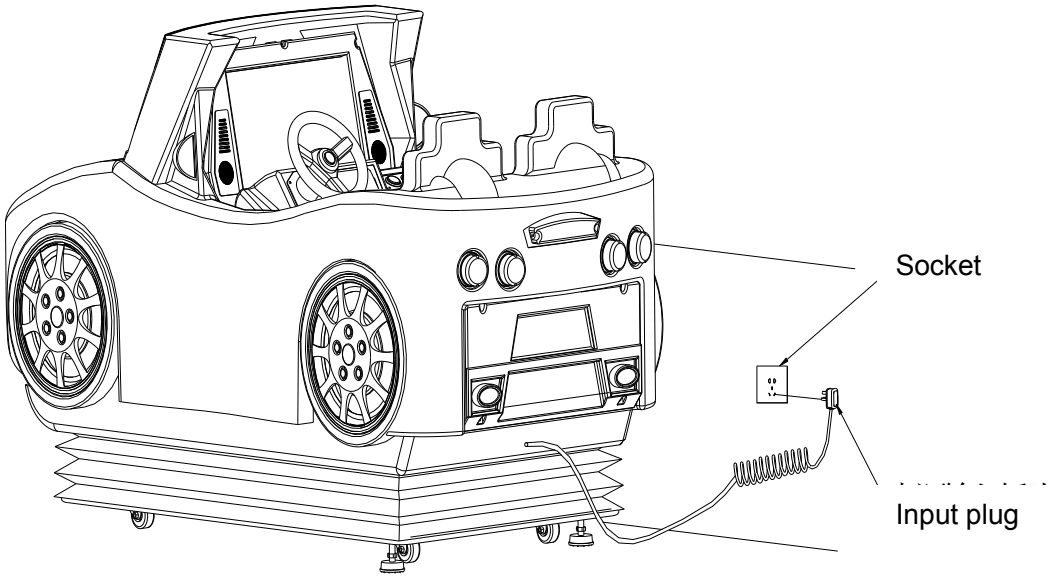
(2). Check if the game is grounded.

(3). Check if the resistance of the GNDs is more than 100 megohm.

(4). Adjust the coin mech and confirm it can work properly.

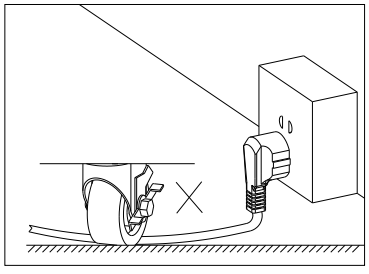
(5). Connect the power cord.

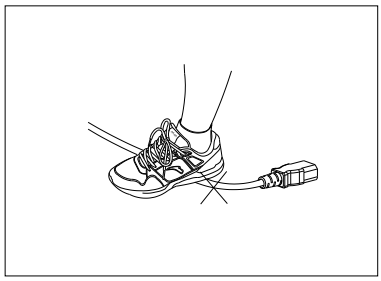
Connection:



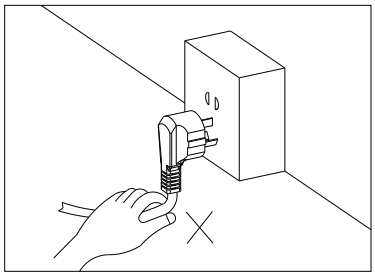
Attentions:

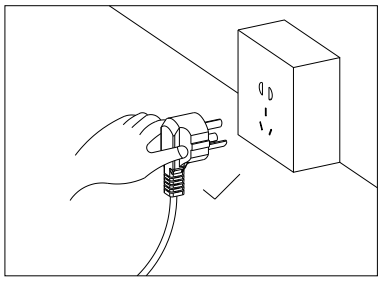
a) Please make sure the power cord is not pressed by wheel, foundation, etc. Otherwise, the wire will be damaged to cause short circuit, even fire. Do not use strong power to extend and wring the wires. Do not make the wire be near to the high temperature object. Properly put the wire to avoid any kicking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



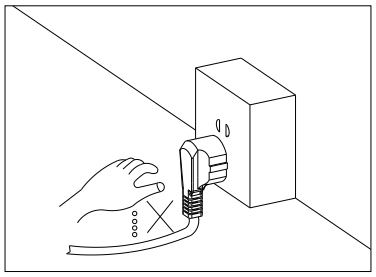


b) Hold the plug to pull it out from the socket.





c) Do not touch the plug with wet hands.



d) Make sure the voltage and fuse used are proper.

⚠warning

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

Connect the power:

1) Confirm the value of voltage input is same as the one stated on the nameplate on the back of the game.

2) Switch on the power switch.

3) Properly adjusted the coin mech and confirm it can work properly.

4) Check and confirm all the lights and monitors can work properly.

5) Check and set the game play settings (coins, game time, etc.)

6) Insert coin and play the game for testing to check Start button, steering wheel, accelerator switch, brake switch and movement of the game can work properly.

7) Check and confirm the sound is ok.

Check before operation:

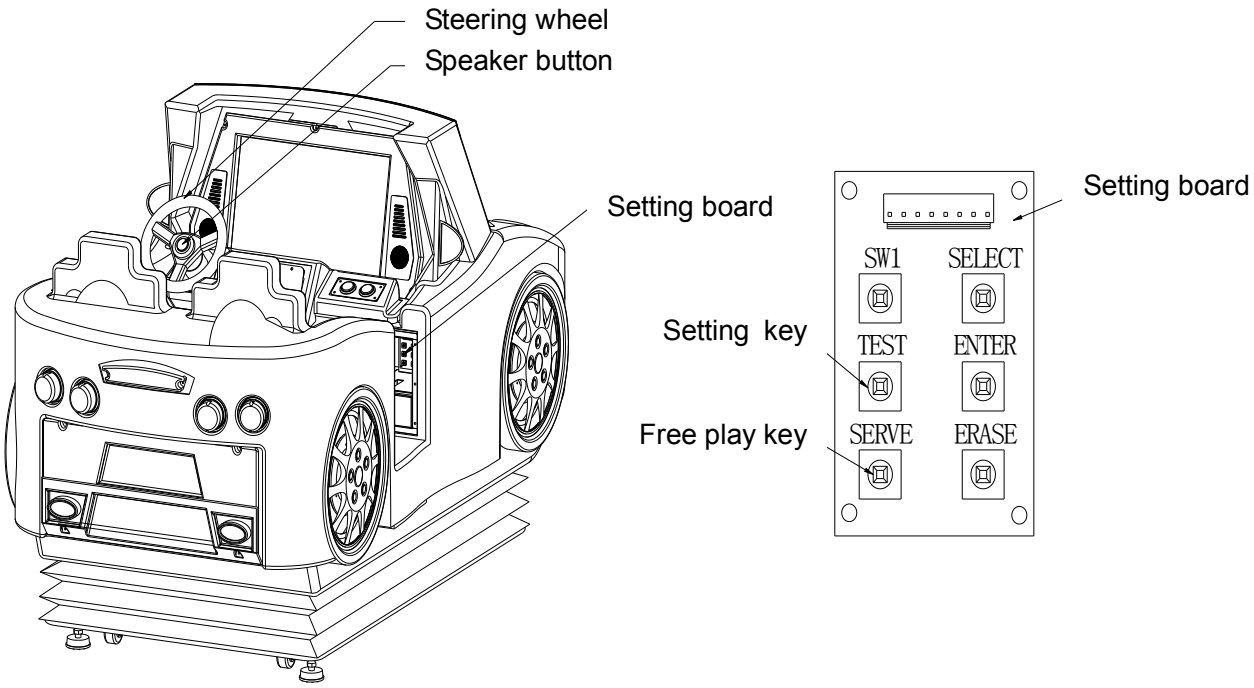
1. Confirm the power cord is properly plugged and without any damages.
2. Confirm the game is properly fixed.
3. Confirm the cabinet of game is without damages and burrs.
4. Confirm the surface of game is clean and with proper marks.

Daily operation:

Please properly refer to the instructions above to check the game before operation.

After operation, please collect the coins and keep record of the coin meter.

GAME SETTINGS:



TEST: enter into setting menu.

SERVE: for free play

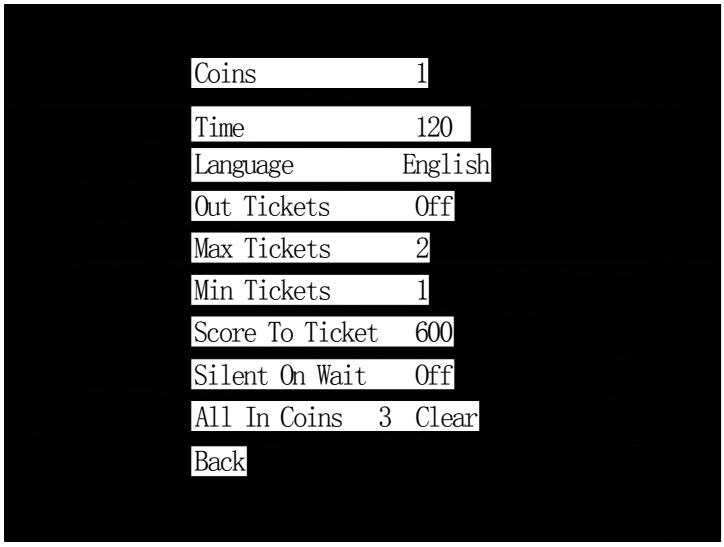
Move the steering wheel: move clockwisely to select downward the item / increase the value of setting; counterclockwisely to select upward the item / decrease the value of setting.

Speaker button: swift item selection mode and value changing mode.

Instructions:

Press TEST to enter into setting menu. Move the steering wheel to select the item you would like to change; Press the speaker button to swift to value changing mode; Move the steering wheel to change the setting of the item; Press again the speaker button to swift to item selection mode. Select “Exit” and press speaker button to quit the menu.

Settings:



Coins – To set the quantity of coins required for each game.

Time – To set the game time

Language – English / Chinese

Out Tickets – Not available

Max Tickets – Not available

Min Tickets – Not available

Score To Ticket – Not available

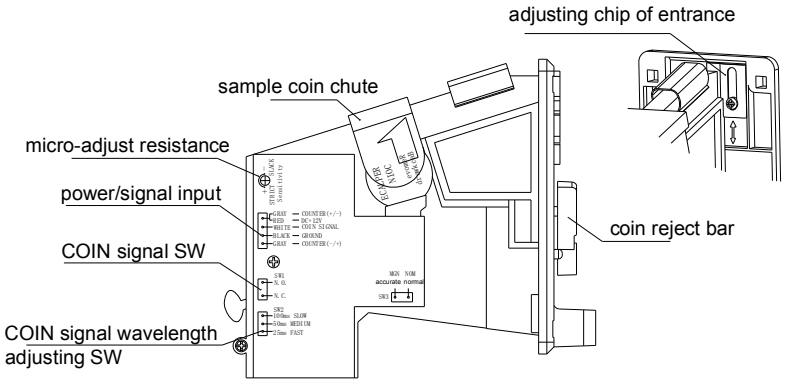
Silent on Wait – To set if enable the demo music during standby mode. If it is set to “OFF”, it will play demo music during standby mode.

All In Coins – To set if clear the data of coin inserted. If it is set to “clear”, it will clear the data and display “0”.

Back – Exit the setting menu.

ADJUSTMENT

Adjust the coin mech:



Descriptions:

1): Please take out the plastic coin from sample coin chute and replace it with token.

2): Remove the screws on back of coin entrance. Adjust the fixing chip on back of coin entrance according to the token's diameter, which prevent blocking the coin mech as inserting the large coin in by mistake.

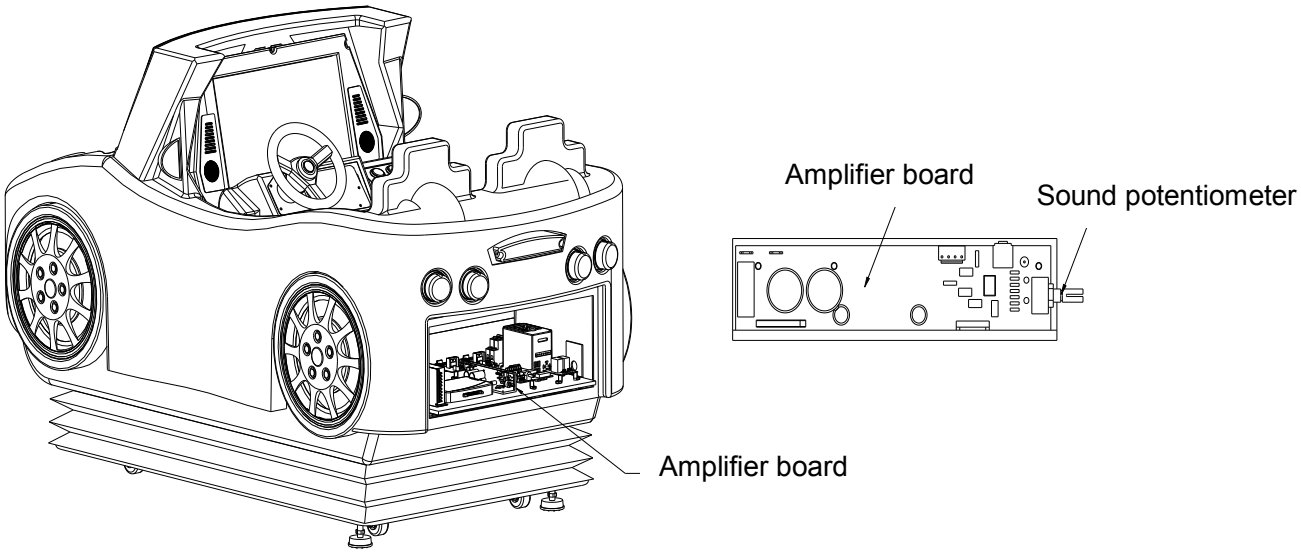
3): Turn the COIN Switch to "NO" (COIN Signal wire and GND should be disconnected at usual time). Turning switch can be used as the coin mech switch when the game is power on.

4): Adjust the adjusting switch of COIN Signal wave length to 50MS.

5): Adjust the micro-adjusting resistance of token tolerance. Clockwise: increasing 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

Adjust the volume:

1. Find the amplifier board on the back of the game, as below drawing shown:



2. Twist the volume potentiometer on amplifier board to adjust the volume.

Note: Please slightly twist the potentiometer and do not quickly twist the potentiometer to the right side to avoid any damage of speaker.

CHECK AND MAINTENANCE

Daily check

ITEMS	DESCRIPTIONS
Coin mech	Check if the coin mech can work properly.
Steering wheel	Check if the steering wheel can work properly.
Button	Check if the button can work properly.
Accelerator / brake sw	Check if the accelerator and brake can work properly.
Game's movement	Check if the game can move properly.
Sound	Check if the game has correct sound effect and volume.
Monitor	Check if monitor can display properly.
Temperature, humidity	Check if the temperature and humidity is proper.

Daily maintenance

ITEMS	DESCRIPTIONS
Cabinet	Clean the cabinet with water.
Glass cover for monitor	Clean the glass cover with water.
PCB	Clean the PCB with brush.

TROUBLESHOOTING

PROBLEM	CAUSES	SOLUTIONS
Can't insert coin	No sample coin.	Insert sample coin into the coin mech.
	Sensitivity for coin getting through the coin mech was stting too high.	Adjust the coin mech.
	Coin mech is bad.	Replace the coin mech.
Chasing lights do not light up.	Bad connection of lights	Reconnect the wires of lights.
	Light is bad.	Replace the light.
	Drive board for light is bad.	Repair or replace the drive board.
Motor can not work.	Bad connection of motor.	Reconnect the wire of motor.
	Inverter is bad.	Set or repair the inverter.
	Motor is bad.	Replace the motor
Button is invalid.	Bad connection of button.	Reconnect the wire of button.
	Switch of button is bad.	Replace the switch.
No display	The power cord for monitor is loose.	Reconnect the wire of monitor.
	VGA wire is not connected.	Reconnect the VGA wire.
	Monitor is bad.	Replace the monitor.
	Main board is bad.	Replace the main board.
No sound.	Wire of speaker is loose.	Reconnect the wire of speaker.
	Volume is too low.	Open the sevice door to adjust the volume potentiometer.
	Speaker is bad.	Replace the speaker.
No movement.	No AC110V/220V voltage input.	Check the connection of wire and power.
	Leakage circuit breacker does not	Check if there is short-circuit of connection.
	No voltage output from power supply	Repair or replace the power supply.
	The main board does not start.	Replace the main board.