



# User's Manual



## IMPORTANT

- Before installing and using this machine, please read this user manual carefully.
- Please follow all instructions in this user manual and pay attention to all descriptions to ensure that the machine is installed correctly.
- Please carefully store this user manual at where it can be easily accessed and read.
- The cabinet and parts of this machine are subject to change for further improvement.

**CONTENTS**

**1. Introduction of the cabinet 03**

1.1 List of accessories.....03

1.2 Overview of the cabinet.....04

**2. Installation and Connection 05**

2.1 Moving the cabinet.....05

2.2 Install the cabinet.....06

**3. Operator Setting 08**

DIP Switch Setting.....08

**4. Maintenance and Repair 14**

4.1 Daily inspection.....14

4.2 Cleanness and maintenance.....14

4.3 Replacing parts.....15

4.3-1 Replacing the spare parts.....15

4.3-2 Replacing the Frog Head Parts.....16







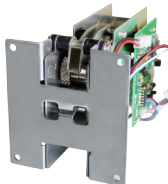
4.3-3 Replacing the Sensor Parts.....16

4.3-4 Assembly the Frog Head.....17





**5. Troubleshooting 18**

## 1. Introduction of the cabinet

### 1.1 List of accessories

Part Name	Image	Quantity	Optional
Controlling Panel Key		2	X
Coin Slot Key		1	X
AC Cord		1	X
Hammer Fixed Collar		1	X
Hammer		1	0
Sensor of Frog Head		5	0
Ticket Dispenser			0

# Introduction of the cabinet

Product Name	Product Image	Quantity	Optional
Frog Hitting Target			0
Frog Head Coil Case			0
Frog Head Set			0
LED Frog Head Set			0

## 1.2 Overview of the cabinet

■ Viewed from the front and side



# 2. Installation and connection

## 2.1 Moving the cabinet

After your purchase of this product, first move the cabinet to the designated location for installation, then connect the wires. When you transport, move or consider where to install, make sure the following guidelines are follower.



### Reminders for transporting

- When transporting this product with vehicles, fasten the casters rather than a tail so as to avoid damage to the cabinet.
- When transporting the machine, please stabilize the casters to prevent the machine from moving. Do not use leg levelers; otherwise the machine may be damaged.



### Notes on moving

- Before moving the machine, please remove the plug so as to prevent accidents.
- When moving the machine, please make sure if there is obstacles in the way or if the ground is level to avoid accidents or damage to the machine.
- It is required that at least two people work together to move the machine so as to prevent accidents and injury.



### Reminders for installation

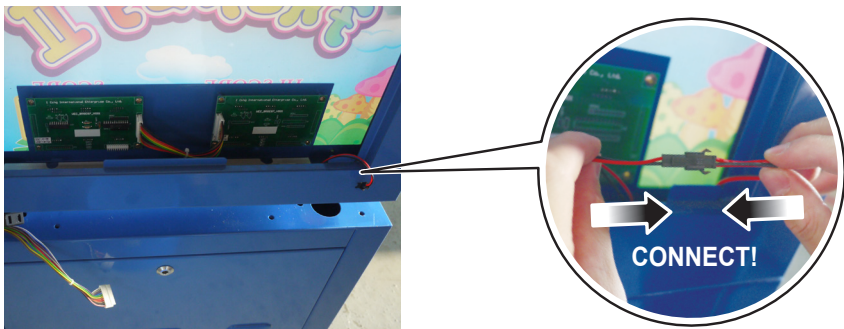
- This product should be placed indoors. Do not place it outdoors, or in the following locations:
  - Place under direct sunlight, leaking, damp and high temperature area.
  - Around inflammable, volatile and dangerous objects.
  - Places with a tilted, unstable surface or frequent vibration.
  - Close to the emergency exit or public facilities such as the fire extinguisher.
- A distance of 30 cm or more should be kept between the cabinet and walls, another cabinet or the hallway.

2.2 Install the cabinet

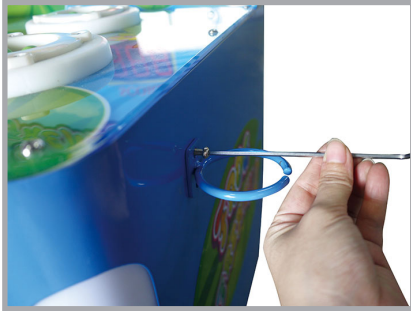
1. Put the Light box into the holes of the main cabinet and locking the screws.



2. Connect the plug of the wire of light box to the board.



3. Fixed the collar on the right hand side of the main cabinet.



4. Finished.



### 2.3 Locating the cabinet

Press the brake to fix the cabinet.

### 3. Operator setting

#### Temporarily Information Storage (SRAM)

Any information changes of ""insert coin" or "output ticket" will temporarily saved in SARM but need one second for absorb the shock. If shut down the machine within one second, that changes won't be saved in SRAM.

#### Intruccion of the Buttons

1. **ZERO** : Press this button while rebooting the machine to clear all the temporarily information (number of insert coins, number of ticket)
2. **SERVICE** : Reserved
3. **TEST** : Reserved
4. **FREE** : Free Play

#### Automatic Testing

The Frog Heads will automatic rise and descend for 1 second for the coil and sensor testing one by one while starting the machine. After testing, system will be back to the demo mode.

If there is any failure, the error code will be shown on the score display board.

To turn on/off the automatic testing please refer to the DIP Switch 1.

Please noted if this setting is off, the system still work normally. However the system cannot detect the error of the coil and sensor of the Frog Heads.

#### Attention

1. Please set Coin Mech at "Slow Speed" 、"N.O."
2. Please set Ticket Dispenser at "5V" 、"N.O."



## DIP Switch Setting (NORMAL)

### DIP Switch 1 :

功能	1	2	3	4	5	6	7	8
1 COIN 1 PLAY	OFF	OFF						
1 COIN 2 PLAY	OFF	ON						
2 COIN 1 PLAY	ON	OFF						
3 COIN 1 PLAY	ON	ON						
1ticket every 5 points			OFF	OFF				
1 ticket every 10 points			ON	OFF				
1 ticket every 20 points			OFF	ON				
No ticket out			ON	ON				
Demo music On					ON			
Demo music Off					OFF			
Game Level: Easy						ON		
Game Level: Hard						OFF		
Number of Inserted coin: Memorized ON							ON	
Number of Inserted coin: Memorized OFF							OFF	
Automatic Testing: ON								ON
Automatic Testing: OFF								OFF

## DIP Switch 2 :

功能	1	2	3	4	5	6	7	8
1st Level Game Time: 50 sec.	OFF	OFF						
1st Level Game Time: 60 sec.	ON	OFF						
1st Level Game Time: 70 sec.	OFF	ON						
1st Level Game Time: 80 sec.	ON	ON						
2nd Level Game Time: 10 sec.			OFF	OFF				
2nd Level Game Time: 20 sec.			ON	OFF				
2nd Level Game Time: 30 sec.			OFF	ON				
2nd Level Game Time: 40 sec.			ON	ON				
3rd Level Game Time: :20 sec.					ON			
3rd Level Game Time: 10 sec					OFF			
Go to 2nd Level when the scores is over 40						ON		
Go to 2nd Level when the scores is over 50						OFF		
Go to 3rd Level when the scores is over 150							ON	
Go to 3rd Level when the scores is over 130							OFF	
The score for 2nd and 3rd per hit target: 1								ON
The score for 2nd and 3rd per hit target: 2								OFF

DIP Switch 1 : Default 3、4、5 = "0"

DIP Switch 2 : Default 8 = "0"

## DIP Switch Setting (TICKET)

### DIP Switch 1 :

功能	1	2	3	4	5	6	7	8
1coin 1play	OFF	OFF						
1coin 2 play	ON	OFF						
2 coin 1play	OFF	ON						
3 coin 1play	ON	ON						
No ticket out			ON					
Ticket out			OFF					
Hit 1 target get 1 point				OFF				
Hit 1 target get 2 points				ON				
Demo music On					ON			
Demo music Off					OFF			
Game Level: Easy						ON		
Game Level: Hard						OFF		
Number of Inserted coin: Memorized ON							ON	
Number of Inserted coin: Memorized OFF							OFF	
Automatic Testing: ON								ON
Automatic Testing: OFF								OFF

DIP Switch 2 :

功能	1	2	3	4	5	6	7	8
Game Time: 30 sec.	OFF	OFF						
Game Time: 40 sec.	ON	OFF						
Game Time: 50 sec.	OFF	ON						
Game Time: 60 sec.	ON	ON						
Low score ticket: 6 tickets			OFF	OFF				
Low score ticket: 8 tickets			ON	OFF				
Low score ticket: 10 tickets			OFF	ON				
Low score ticket: 12 tickets			ON	ON				
High score ticket: 14 tickets					OFF	OFF		
High score ticket: 16 tickets					ON	OFF		
High score ticket: 18 tickets					OFF	ON		
High score ticket: 20 tickets					ON	ON		
High score threshold value: 20 points							OFF	OFF
High score threshold value: 40 points							ON	OFF
High score threshold value: 60 points							OFF	ON
High score threshold value: 80 points							ON	ON

DIP Switch 1 : Default 3、4、5 = "0"  
DIP Switch 2 : Default 8 = "0"

## DIP Switch 3 :

功能	1	2	3	4	5	6	7	8
Highest score memorized	OFF							
Highest score not memorized	ON							
No Restart the machine while DEMO								OFF
Forced to restart the machine every 30 minutes while DEMO								ON

## DIP Switch 4 :

功能	1	2	3	4	5	6	7	8
NORMAL MODE	X							
LED TEST MODE	O							
<b>LED STRIP TEST MODE</b> **MUST REBOOT THE MACHINE AFTER DOING THIS SETTING.**		X						
<b>LED STRIP NORMAL MODE</b> **MUST REBOOT THE MACHINE AFTER DOING THIS SETTING.**		O						

# 4. Maintenance and repair

## 4.1 Daily Inspection

To extend the life of this product, routinely maintain and inspect it.

### Exterior inspection:

- Check if warning labels are coming off, dirty or unrecognizable. If so, replace them immediately.
- Check if the screws inside the speakers are well fastened.
- Check if the light board is fastened or not.
- Clean the coin slot machine.
- Check if each plug is coming off or not.

### Checking the parts:

- Check if the loudspeakers are normally producing sound.
- Check if fluorescent lights are normal.
- Check if the display of the screen is clear enough.

## 4.2 Cleanness and maintenance

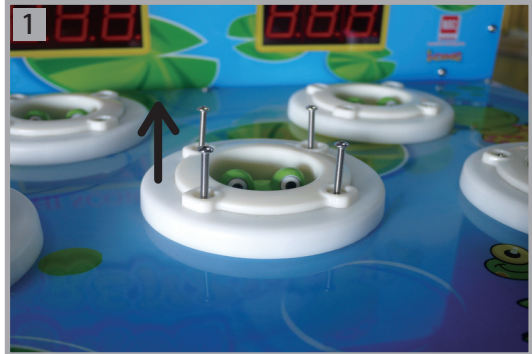
### Cleaning the acrylic plate of the cabinet

The acrylic sheet plate of the cabinet should be cleaned every day. To clean it, make sure to use a soft dry cloth without showing the end of the thread, and cloth made of microfiber is recommended. (such as glass cloth)

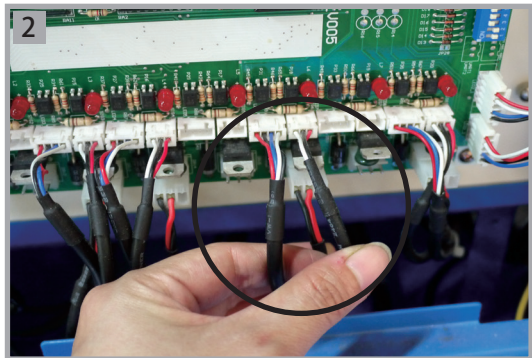
### 4.3 Replacing the Spare Parts

#### 4.3-1 Replacing the Spare Parts

- Dismantling the screws on the top of the Frog Head.



- Unplug the wire of the Frog Head to the PCB.



- Once the wire unplugged, the Frog Head is able to be removed and put the new Frog Head instead.



## Maintenance and repair

### 4.3-2 Replacing the Frog Head Parts

■ Remove the bridle on the coil.



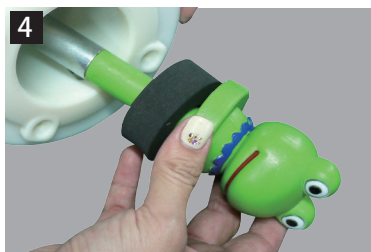
■ Dismantling the screws.



■ Unplug the connect.



■ Replacing the parts.

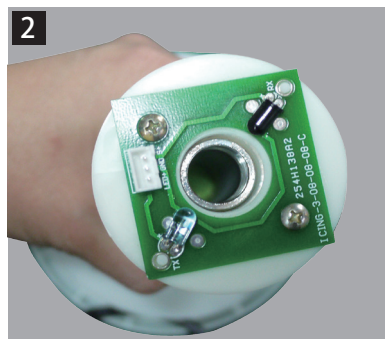


### 4.3-3 Replacing the Sensor Parts

■ Dismantling the screws and replace the new sensor.



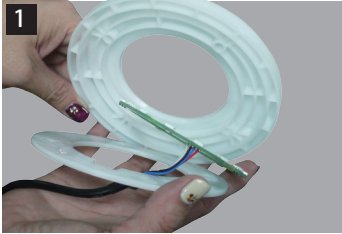
■ Finish.





### 4.3-4 Assembly the Frog Head

- To combine the LED board and cover in order.



- Place the Green Target.



- Install the Frog Coil Set in the LED cover.



- Place the screw into the copper screw.



- Screw tight to finish the installation.



## Error Code Checking List

Error Code	Solution
E.01	Check the coin selector 1
E.02	Check the coin selector 2
E.03	Check the Bill Acceptor
E.04	
E.05	Ticket Empty
E.06	SRAM Failure
E.07	
E.08	
E.09	Rise Failure of Frog 1. Please check the frog 、the coil or the sensor
E.10	Rise Failure of Frog 2. Please check the frog 、the coil or the sensor
E.11	Rise Failure of Frog 3. Please check the frog 、the coil or the sensor
E.12	Rise Failure of Frog 4. Please check the frog 、the coil or the sensor
E.13	Rise Failure of Frog 5. Please check the frog 、the coil or the sensor
E.14	Rise Failure of Frog 6. Please check the frog 、the coil or the sensor
E.15	Rise Failure of Frog 7. Please check the frog 、the coil or the sensor
E.16	Rise Failure of Frog 8. Please check the frog 、the coil or the sensor
E.17	Descend Failure of Frog 1. Please check the frog 、the coil or the sensor
E.18	Descend Failure of Frog 2. Please check the frog 、the coil or the sensor
E.19	Descend Failure of Frog 3. Please check the frog 、the coil or the sensor
E.20	Descend Failure of Frog 4. Please check the frog 、the coil or the sensor
E.21	Descend Failure of Frog 5. Please check the frog 、the coil or the sensor
E.22	Descend Failure of Frog 6. Please check the frog 、the coil or the sensor
E.23	Descend Failure of Frog 7. Please check the frog 、the coil or the sensor
E.24	Descend Failure of Frog 8. Please check the frog 、the coil or the sensor



# FROG FRENZY



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