

BIGGEST CATCH



Be Sure
to Read this
Manual
Before Use

Operation Manual



Family Fun Companies, INC.
Parts, Service and Distribution
708-598-3720

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Thank you for purchasing **Biggest Catch** from **Family Fun Companies**. We hope you enjoy the product.

This manual contains valuable information about how to operate and maintain your game machine properly and safely. It is intended for the owner and/or personnel in charge of product operation. Carefully read and understand the instructions.

If you need any help during installation and setup please utilize this manual and troubleshooting guide. If the product fails to function properly, *non-technical personnel should under no circumstance attempt to service the machine*. Contact your distributor or manufacturer for help.

Before use, please read **IMPORTANT SAFETY INSTRUCTIONS**.

IMPORTANT SAFETY INSTRUCTIONS

To ensure the safe usage of this product, carefully read and understand these instructions before operating your game. Save these instructions for future reference.

Use this product only as described in this manual. Other uses not recommended may cause fire, electric shock or personal injury. Unplug the game from the outlet when not in use, when moving from one location to another, and before cleaning/servicing.

Explanations which require special attention are indicated by signs of warning. Depending on the potential hazardous degree, the terms: **NOTE**, **NOTICE**, and **WARNING** are used.

NOTE: A NOTE indicates useful hints or information about product usage.

NOTICE: A NOTICE indicates potential damage to product and how to avoid the problem.

WARNING: A WARNING indicates a potential for product damage or serious personal Injury.

It is important to understand the meaning of the following HAZARD SIGNS before continuing:

High Voltage and Shock Hazard:

High voltage can cause electric shock.

Turn off/unplug power before servicing.



High Temperature Hazard:

This part may cause scalding.

Do not touch. Surface may be hot.



No Touching Hazard:

This part may be hot or can cause electric shock.

Do not touch.

Use the following safety guidelines to help ensure your own personal safety and to help protect your equipment and surrounding environment from potential damage.



This product is an indoor game machine. Do not install outdoors.

Avoid installing in the following places to prevent fire, electric shock, injury and/or machine malfunctioning:

- Places subject to rain/moisture, or places subject to high humidity.
- Places subject to direct sunlight, or places subject to extremely hot or cold temperatures to ensure that it is used within the specified operating range.
- Places where inflammable gas may be present or in the vicinity of highly inflammable/volatile chemicals or items that can easily catch fire
- On unstable or sloped surfaces. The machine may topple or cause unforeseen accidents.
- Vicinity of fire exits, fire extinguishers etc. that may block/prevent safety measures

**WARNING**

Non-technical personnel who do not have technical knowledge and Expertise should refrain from performing such work that this manual require or perform tasks which are not explained in this manual. Failing to comply can cause severe accidents such as electric shock or other serious injuries.

WARNING: To reduce the risk of fire, electric shock or personal injury, unplug or disconnect the machine from the power supply before servicing.

Note: The contents of this manual may be updated without notice.

1. SPECIFICATIONS

Rated power supply: 110V 50/60Hz

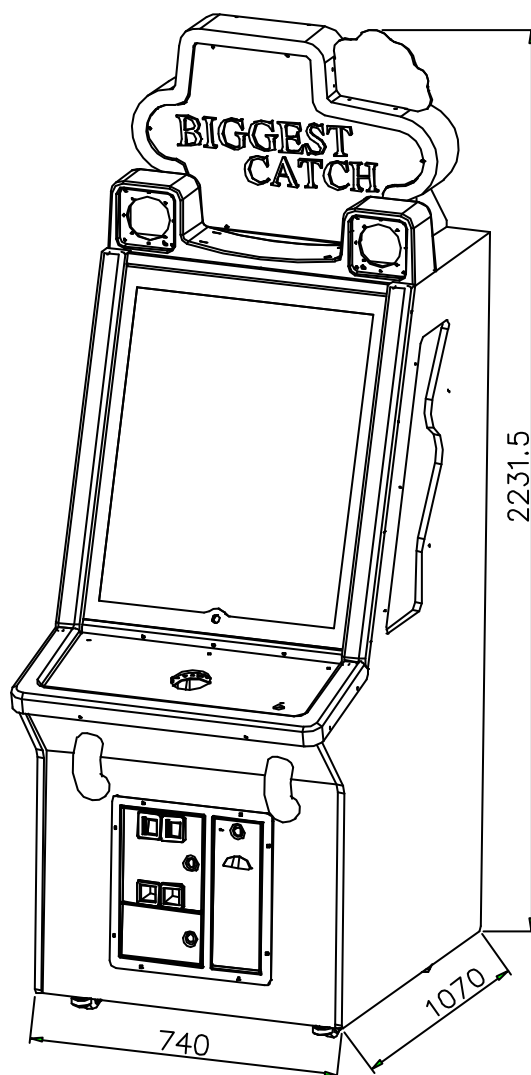
Mix. Power consumption: 130W

Max. Power consumption: 180W

Dimensions: W740×D1070×H2231.5 (mm)

Weight: About 142Kg

 **NOTICE:** After turning off the game, please wait at least 1 minute before restarting again.

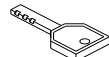


Note: Game parameters are subject to change without notice.

2. PACKAGE CONTENTS

Open the package and make sure all the items are included:

- 1 x Body Assembly
- Following accessories

No.	Part No.	Name	Spec.	Qty.	Illustration	Note
1	B111-401-000	AC power	10A/250V 1.8m	1		
2	B111-402-000	Fuse	Φ5×20mm T3A 250VAC	1		
	B111-403-000	Fuse	Φ6×30mm T3A 250VAC	1		
3	B111-702-000	Manual	English	1		
4	B111-404-000	Key	171	2		
5	B111-405-000	Key	2222	2		
6	B111-406-000	Allen wrench	2.5mm	1		
7	B111-407-000	DC motor	TG38 12V 12RPM	1		
8	B111-408-000	Electromagnet	AU1253S-12A1.5	1		
9	B111-409-000	Ball	Yellow / Φ30mm	1		90 per package
10	B111-444-000	Infrared board	MOCTOT4	1		Connected terminal
11	B111-445-000	Score group		1		

If any items are found to be missing, please contact your sales representative for help immediately.

NOTE: Part models are subject to change without notice.

3. PART NAMES

FRONT VIEW



4. SET UP & INSTALLATION

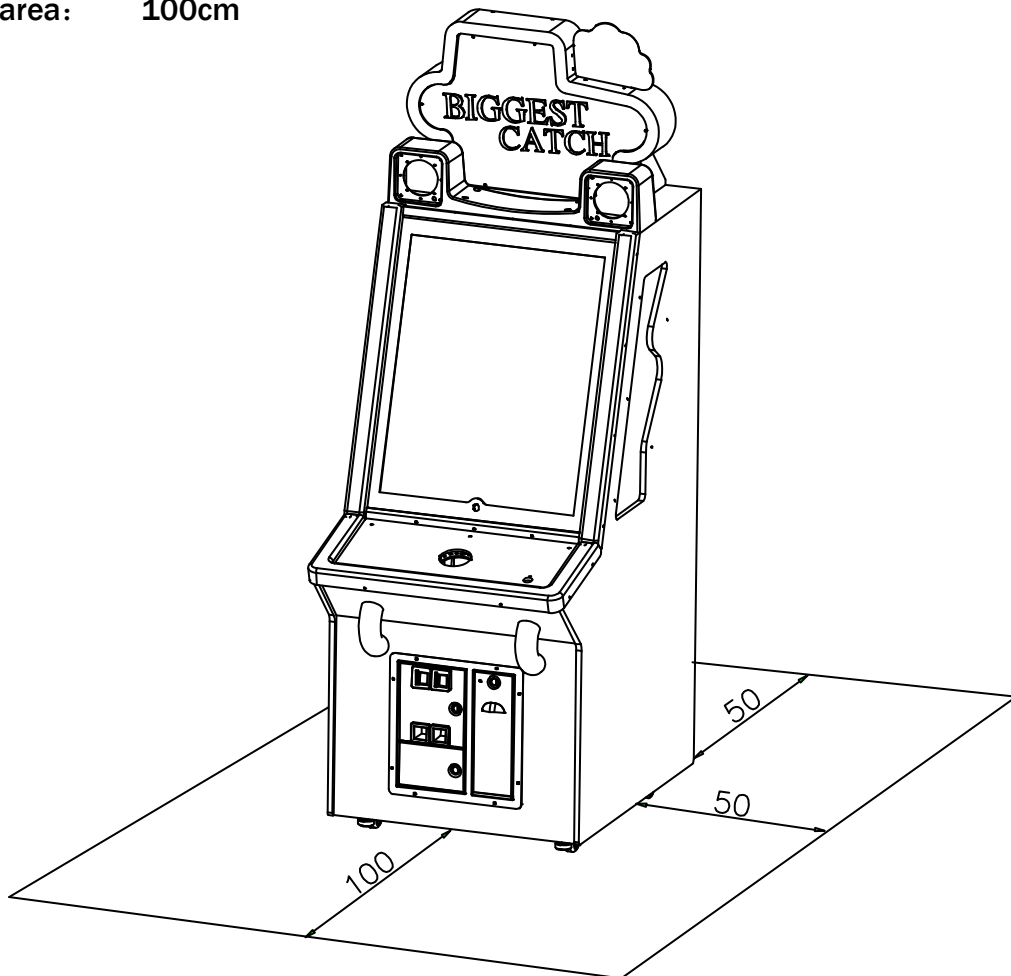
 This product is an indoor game machine. Do not install outdoors.

- Refer to IMPORTANT SAFETY INSTRUCTIONS (Pg. 3) for places to avoid
- Place the unit on a dry level surface
- Ventilation openings in the back of the unit must not be obstructed by objects or by wall.

4.1 Play Zone

This machine requires space for playing and for maintenance as shown below.
Leave space around the game upon installation:

Service area: 50cm
Play area: 100cm

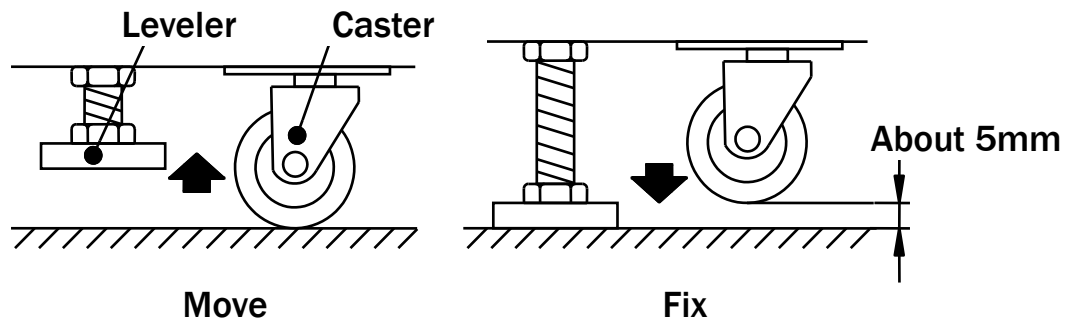


4.2 Level Adjustment

Install this machine on a flat surface. Adjust levers to lift casters off the ground to level the

game. If the game is installed on an unsuitable floor, it could cause a malfunction.

To fix the game, adjust the Leveler down until it touches the floor, lifting the casters off the ground by 5mm. Repeat the same for all levelers.



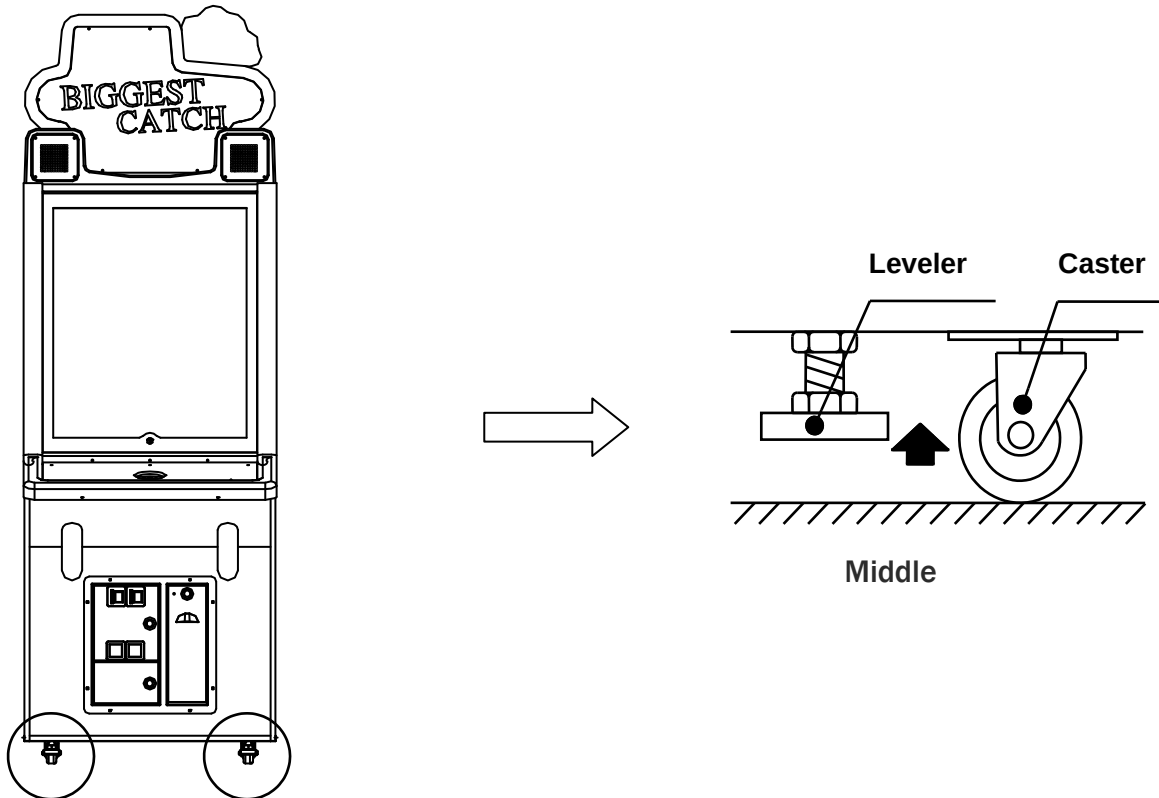
NOTICE

Make sure the machine is level with the ground and all the adjustable legs should stick to the floor closely.

4.3 Transporting the Game

If you need to move the game, adjust the levelers back to an “up” position so the casters

touch the ground.



NOTICE

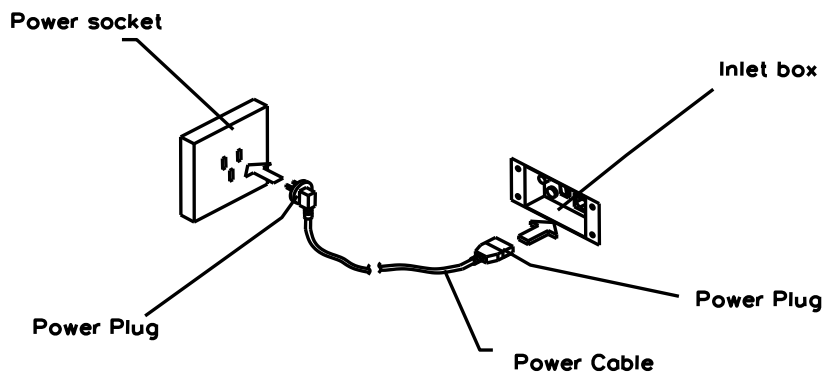
- Be careful not to damage the machine during transport.
- The machine should be handled with care when bringing it down from a higher level.
- Always unplug the game before moving.
- Keep the machine in upright position during transport.
- For longer distance transport, package the game properly to prevent damages

4.4 Connecting Power

 **WARNING:** Check the voltage rating before you connect the equipment to

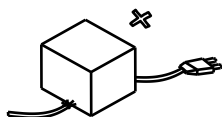
an electrical outlet to ensure that the required voltage and frequency match the available power source. Please refer the label of the machine.

- Do not plug the equipment power cables into an electrical outlet if the power cable is damaged.
- Avoid putting many loads on one electrical outlet as it could generate heat and fire resulting from overload.
- Connect the grounding conductor to the earth terminal (GND):

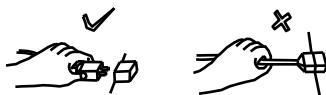


WARNING

Ensure no heavy objects rest on the power cord. Check to make sure the game cabinet does not sit on the power cord as this could damage the cord and become hazardous.



To disconnect the game, grip the plug and pull it from the wall outlet. Never pull by the cord.



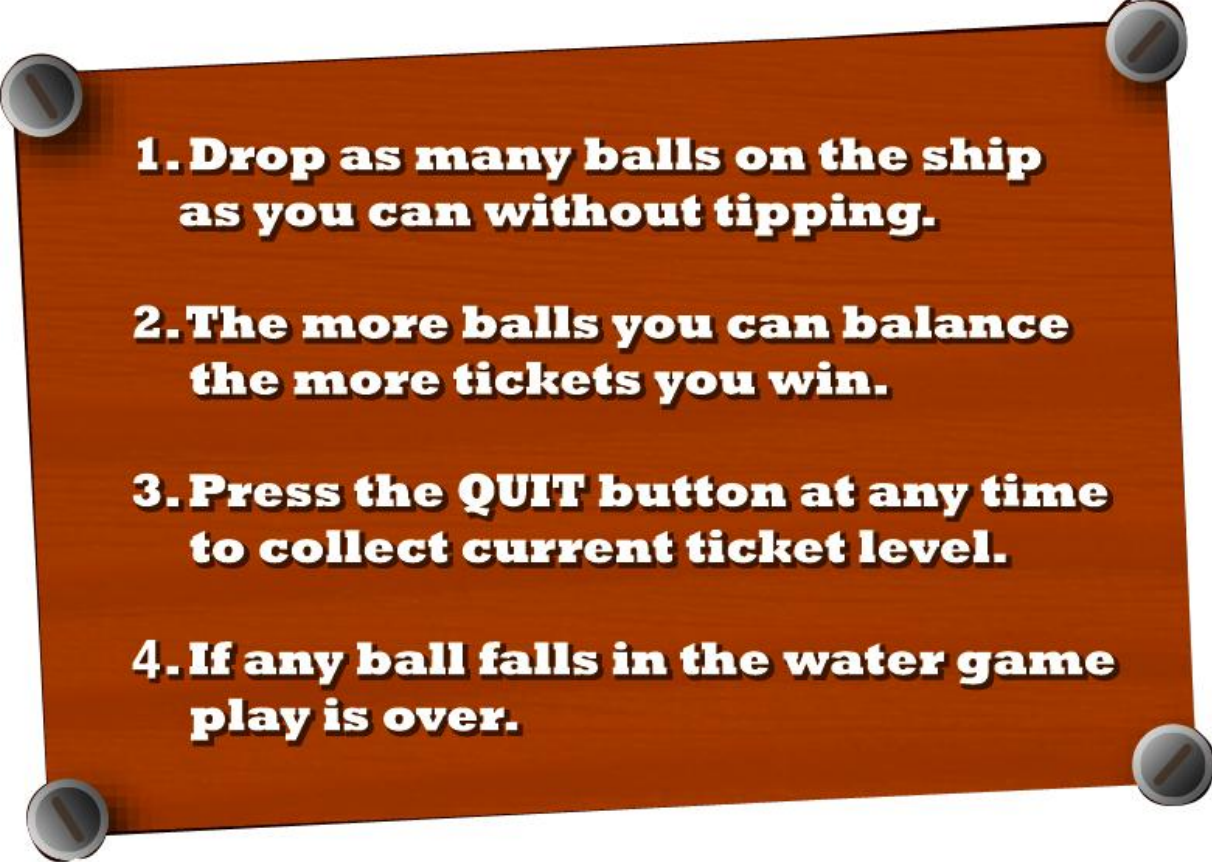
To prevent electric shock, do not touch the power plug when hand is wet.



Ensure that nothing rests on the power cord and that it is not located where it can be stepped on or tripped over.



5. HOW TO PLAY

- 
- 1. Drop as many balls on the ship as you can without tipping.**
 - 2. The more balls you can balance the more tickets you win.**
 - 3. Press the QUIT button at any time to collect current ticket level.**
 - 4. If any ball falls in the water game play is over.**

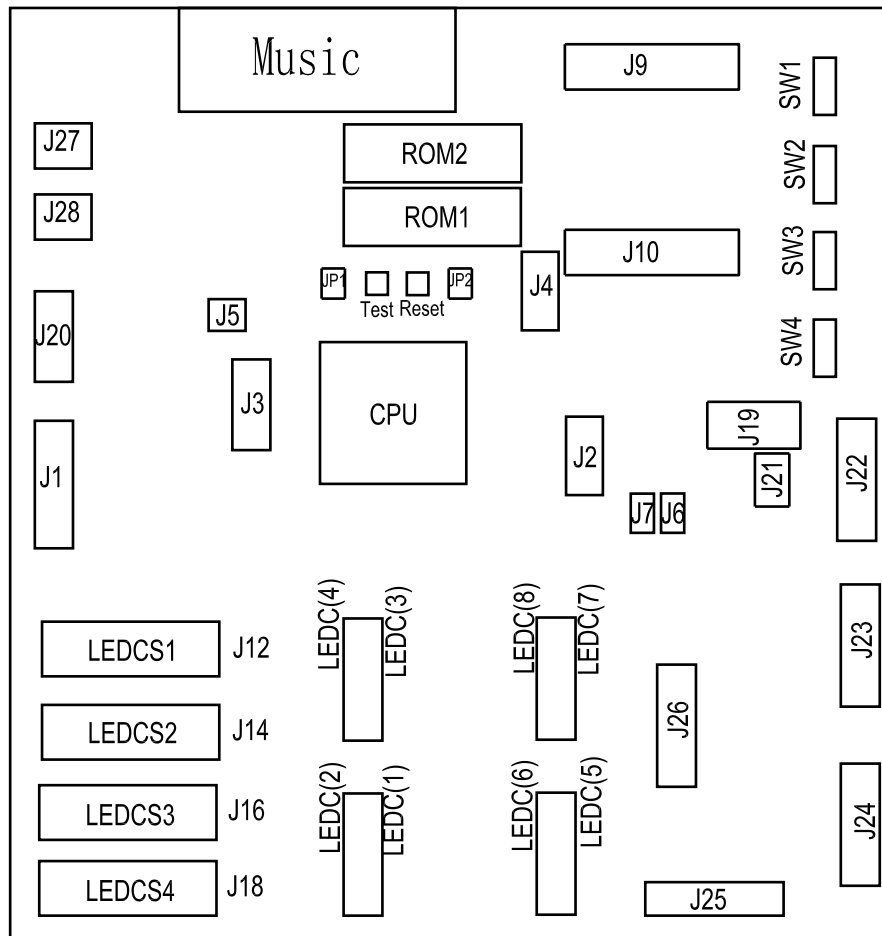
6. GAME OPTIONS

6.1 Switches Control Signal

Refer to the I/O chart and schematics included.

To adjust DIP, refer to the I/O chart. (Initial settings are in **CAPTIAL LETTERS**.)

6.1.1 Main Board



6.1.2 Test Method

Press the TEST button on the mainboard.

LED displays 8.7.6.5.4.3.2.1.and 87654321, test LED display is functioning well or not;
Press TEST button again and LED displays 1, it shows the LED1 and LED2 of 1# in DIP SW state.

Press TEST button again and LED displays 2, it shows the number of on-off SW.

Press TEST button and LED displays 4.Hold IN1-40 and it shows OUT1-40 corresponding output.

Press TEST button again and LED displays 5.It shows OUT1-40 corresponding lighting output.

Press TEST button again and LED displays 6.

Error display:

6.1.3 Test Method (main board)

1.If the input signal is not normal when you turn on the machine,the SW error code will be flash display on the LED.

2.When it is lack of ticket, the LED shows the amount of the tickets and the sign of HELP alternately.

6.1.4 Clear up memory

Press TEST button to boot-strap and keep about 3 second can clearup the memory.

After passing the checking,the memory must be removed.

6.1.5 Error Codes

E01	Service button error
E02	Ticket reset button error
E03	Release ball button error
E04	End button error
E05	Send ball motor infrared or motor error
E06	Ball position1 SW error
E07	Ball position2 SW error
E08	Ship stopped position infrard or motor error
E09	Ship release position infrared or motor error
E10	Back ball motor position infrared or motor error
E11	Swing motor position infrared or motor error
E12	Drop ball SW error
E83	Coin SW1 error
E84	Coin SW1 error
HLP	NO ticket or ticket mech error

6.2 Parameter Setting

6.2.1 Coins per Game

Item	Content	DIP Adjust (SW1)			Note
		1	2	3	
Coin(s) per game	1	ON	ON	ON	
	2	off	on	on	
	3	on	off	on	
	4	off	off	on	
	1/2	on	on	off	
	1/3	off	on	off	
	1/4	on	off	off	
	Free	off	off	off	

6.2.2 Game time (s)

Item	Content	DIP Adjust (SW1)			Note
		4	5	6	
Game time (s)	40	on	on	on	
	45	OFF	ON	ON	
	50	on	off	on	
	55	off	off	on	
	60	on	on	off	
	65	off	on	off	
	70	on	off	off	
	75	off	off	off	

6.2.3 Demo Music

Item	Content	DIP Adjust (SW1)		Note
		7	8	
Demo Music	120s	on	on	
	180s	off	on	
	240s	on	Off	
	OFF	OFF	OFF	

6.2.4 Score Group

Item	Content	DIP Adjust (SW2)		Note
		1	2	
Score Group	I	on	on	
	II	off	on	
	III	off	off	
	IV	off	off	

6.2.5 Bonus Value

Item	Content	DIP Adjust (SW2)			Note
		3	4	5	
Bonus Value	40	on	on	on	
	60	off	on	on	
	80	on	off	on	
	100	off	off	on	
	150	ON	ON	OFF	
	300	off	on	off	
	400	on	off	off	
	600	off	off	off	

6.2.6 Bonus +

Item	Content	DIP Adjust (SW2)		Note
		6	7	
Bonus +	0	NO	NO	
	1	off	on	
	+1/2	on	off	
	+1/3	off	off	

6.2.7 Bonus Memory

Item	Content	DIP Adjust (SW2)	Note
		8	
Bonus Memory	YES	on	
	NO	OFF	

6.2.8 Estimate release ball

Item	Content	DIP Adjust (SW3)				Note
		1	2	3	4	
Estimate release ball	3	on	on			
	4	off	on			
	5	on	off			
	6	OFF	OFF			
				OFF	OFF	

6.2.9 Ticket payout

Item	Content	DIP Adjust (SW3)				Note
		5	6	7	8	
Ticket payout	1:1	NO	NO			
	1:2	off	on			
	1:3	on	off			
	No ticket	off	off			
				OFF	OFF	

6.2.12 Input part and Output part

Input part:

INPUT	CONTENT	INPUT	CONTENT
I1	Service Button	I9	Ship Lock in Position
I2	Ticket Reset	I10	Ball Empty Motor
I3	Ball Drop Button	I11	Ship Swing Motor
I4	Quit Button	I12	Ball Fall Down Detect
I5	Ball Deliver Motor Sensor	I13	
I6	Ball Position 1	I14	
I7	Ball Position 2	I15	
I8	Ship Release Position	I16	

Output part:

OUTPUT	CONTENT	OUTPUT	CONTENT	OUTPUT	CONTENT	OUTPUT	CONTENT
OUT1	Release ball button light	OUT9	Ball Deliver motor	OUT17	Level 1 score light	OUT25	
OUT2	Release ball button side light	OUT10	Coil 1	OUT18	Level score 2light	OUT26	
OUT3	Quit button light	OUT11	Ship fix motor	OUT19	Level 3 score light	OUT27	
OUT4	L_speaker light	OUT12	Ball Empty motor	OUT20	Level 4 score light	OUT28	Ball track light 1
OUT5	R_speaker light	OUT13	Ship Swing motor	OUT21	Level 5 score light	OUT29	Ball track light 2
OUT6	Ball Release coil 2	OUT14	Coil 1	OUT22	Level 6 score light	OUT30	Ball track light 3
OUT7	Ball Release coil 2	OUT15	Ball Release coil 3	OUT23	Level 7 score light	OUT31	
OUT8	Ball Release coil 2	OUT16	Ball Release coil 3	OUT24		OUT32	Cabin LED light

SOCKET	CONTENT	SOCKET	CONTENT	SOCKET	CONTENT	SOCKET		CONTENT	SOCKET
J19-1		J21-1	Ticket mech1drive	J8-1	+12V	J2-1	L_Loudspeaker	J4-1	
J19-2	1#Coin SW 1	J21-2	Ticket mech1feedback	J8-2		J2-2	L_Loudspeaker	J4-2	
J19-3	GND	J21-3	12V	J8-3	Ticket meter	J2-3	R_Loudspeaker	J4-3	
J19-4		J21-4	GND	J8-4	Coin meter	J2-4	R_Loudspeaker	J4-4	
J19-5	2#Coin SW 1	J21-5	Ticket mech2 drive			J2-5		J4-5	
J19-6	12V	J21-6	Ticket mech2feedback	J5-1	RS-485B	J2-6		J4-6	
		J21-7	12V	J5-2	RS-485A	J2-7		J4-7	
		J21-8	GND	J5-3	GND	J2-8		J4-8	
						J2-9		J4-9	
						J2-10		J4-10	

LED display	
CONTENT	
Game time display	LED<1>5-6
Jackpot display	LED<1>1-4



Notice

The above are subject to change without notice.

7. MAINTENANCE, INSPECTION

7.1 Safety Check

Check the points listed before operating the machine. These checks are necessary for safe machine operation:

1. Try to run the game before operation each day.
2. Conduct monthly routine checks of game components to ensure good working condition
3. Check the machine regularly for dust and clean when necessary.

Note: Parts and components require preventative maintenance to be kept running smoothly

7.2 Handling Precautions

When installing or inspecting the machine, be very careful of the following points and pay attention to ensure that the player can enjoy the game safely.

Non-compliance with the following points or inappropriate handling running counter to the cautionary matters herein stated can cause personal injury or damage to the machine



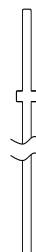
WARNING

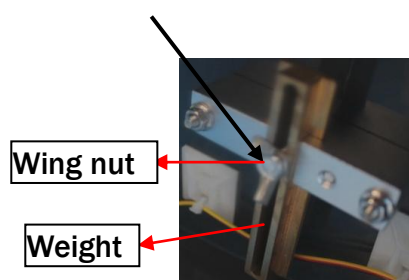
- Before servicing the machine, be sure to turn power off. Servicing without turning the power off can cause electric shock or short circuit.
- To avoid electric shock or short circuit, do not plug then unplug the power quickly
- Do not expose power cords and earth wires, these are susceptible to damage.
- Damaged cords and wires can cause electric shock or short circuit and should be replaced immediately.
- When or after installing the product, avoid pulling the power cord to prevent unnecessary wear and tear. Use the power button to disconnect power.
- In case the power cord is damaged, ask for replacement through where the product was purchased from or replace locally. Continued usage of damaged cord can cause fire, electric shock or leakage.
- Perform grounding appropriately. Inappropriate grounding can cause electric shock.
- Use fuses that meet specified rating. Fuses exceeding can cause an electric shock.
- Should a problem occur, turn off the power immediately and stop operating the machine. Unplug the power cord of the service outlet. Operating the machine without correcting the problem may cause a fire or injuries.
- Insert the power plug securely into the outlet. Poor contact may cause overheating, resulting in fire or burns.
- To ensure the warning labels attached on the machine are visible and legible, install the machine in a well-lit location, and keep the labels clean at all times. Make sure the labels are not hidden behind other game machines.

7.3 How to fix if the boat is not balance

How to fix if the boat is not balance:

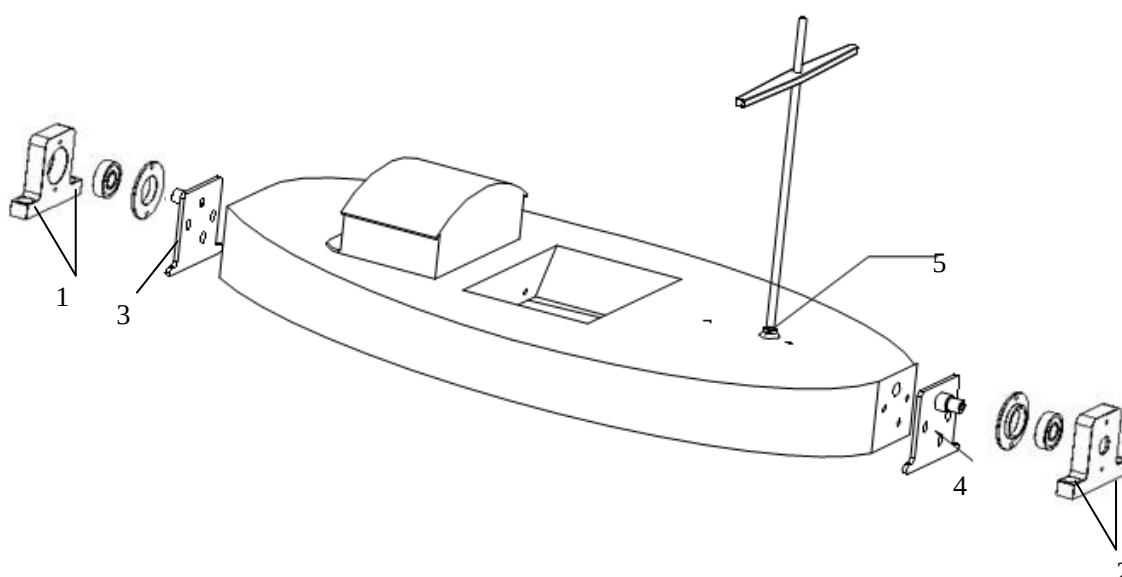
- 18 **First loosen the wing nut from the bottom of the boat. Then adjust the weight to the right if the boat is tilt to the left, and vice versa. When the boat is balance, tighten**





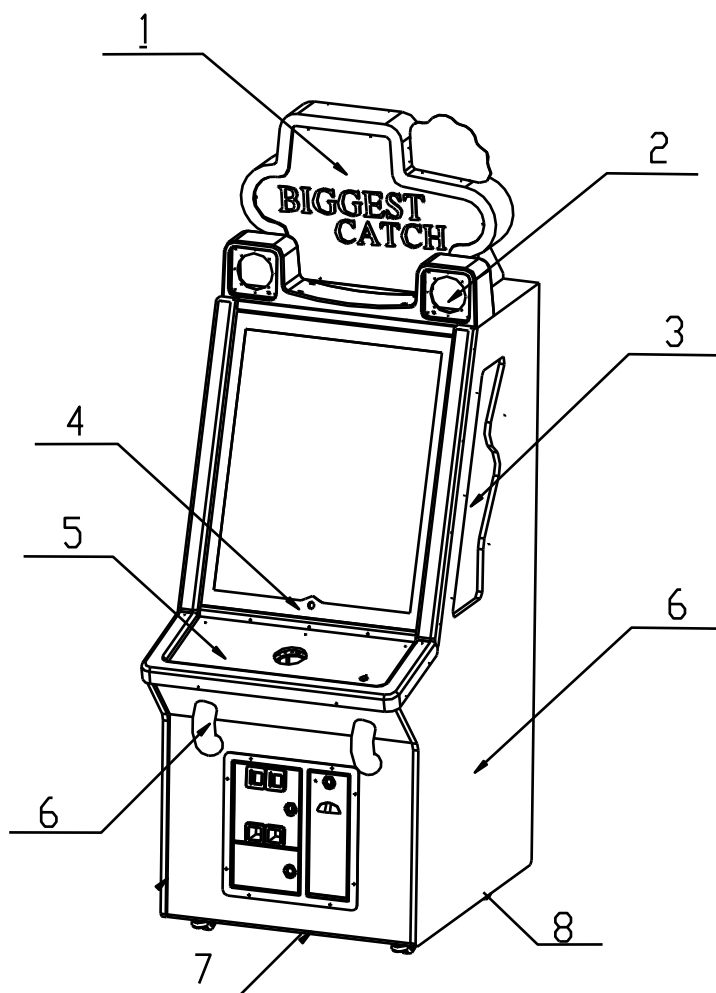
7.4 Ticket Payout Ratio Adjustment

1. Remove #1 & #2 with 4 screws. Remove the boat.
2. Remove #3 & #4 with 6 screws, then raise the boat and secure with screws. By raising the boat, it decreases the difficulty of landing the balls on the boat. By lowering the boat, it will increase the difficulty.
3. Loosen #5, rotate the pole clock wise. Lowering the pole will increase stability, and the boat will not tip over easily. This will result in higher payout.



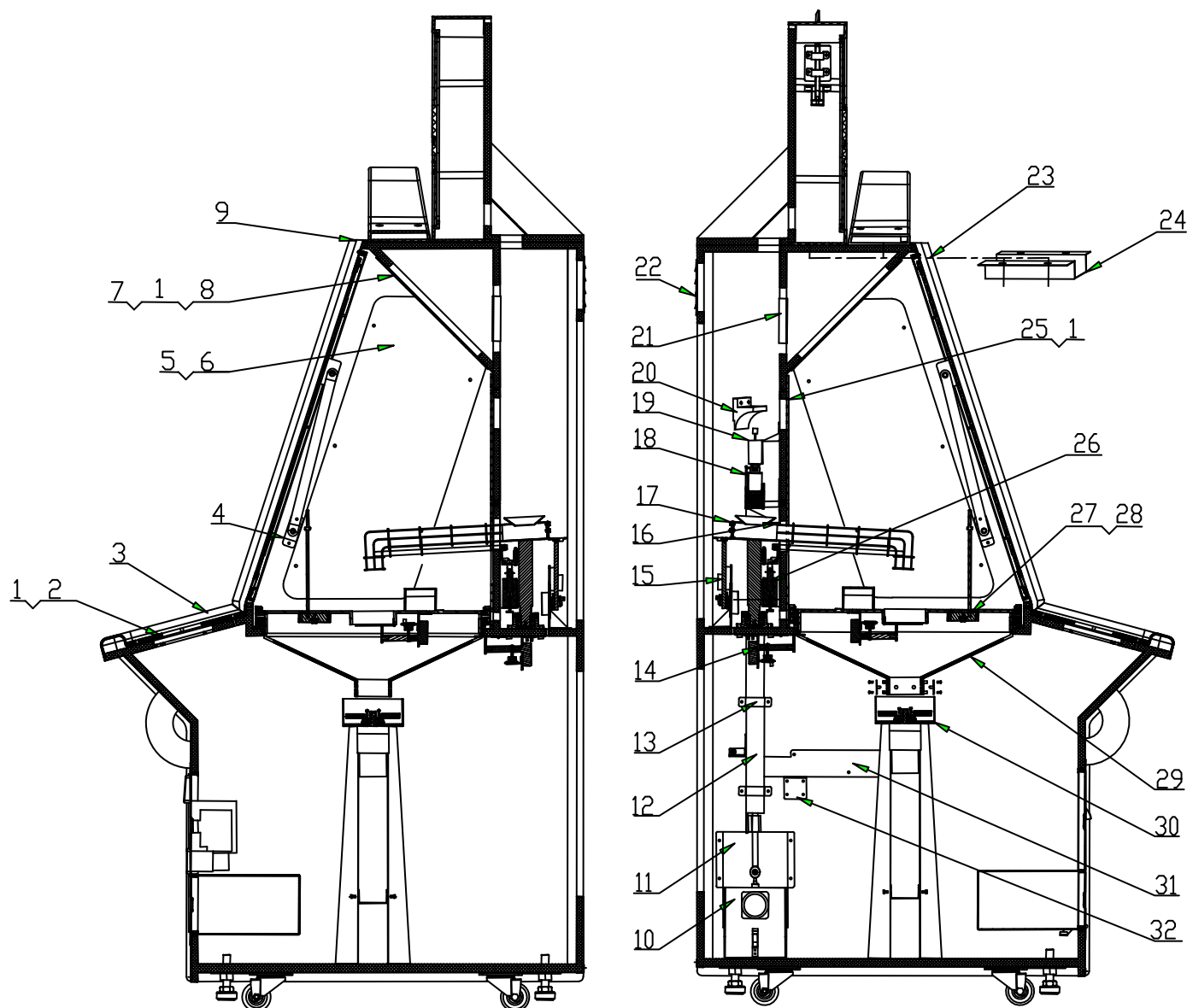
8. OVERALL CONSTRUCTION

8.1 Main Assembly1:



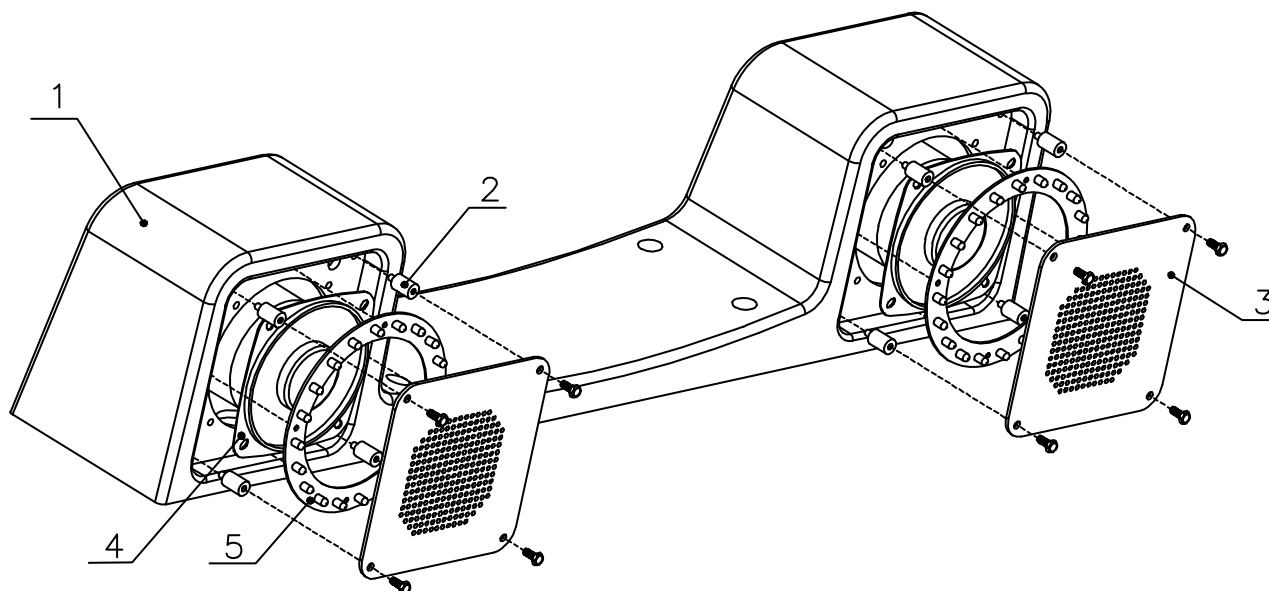
No.	Part No.(FF)	Part No.	Diagram No.	Name	QTY	Spec.
1	BC-1-1	B111-001A-000	29911122A004	Lamp Assy.	1	Assembly
2	BC-1-2	B111-002-000	29911122003	Speaker Assy.	1	Assembly
3	BC-1-3	B111-101-000	20611122002	Shutter	2	Clear acrylic,
4	BC-1-4	B111-003-000	29911122002	Door Assy.	1	Assembly
5	BC-1-5	B111-102-000	20611122003	control panel	1	White acrylic
6	BC-1-6	B111-103-000	20211122003	Bent pipe	1	Q235
7	BC-1-7	B111-104-000	20211122001	Short edge	2	Q235
8	BC-1-8	B111-105-000	20211122002	Lond edge	2	Q235

8.2 Main Assembly2:



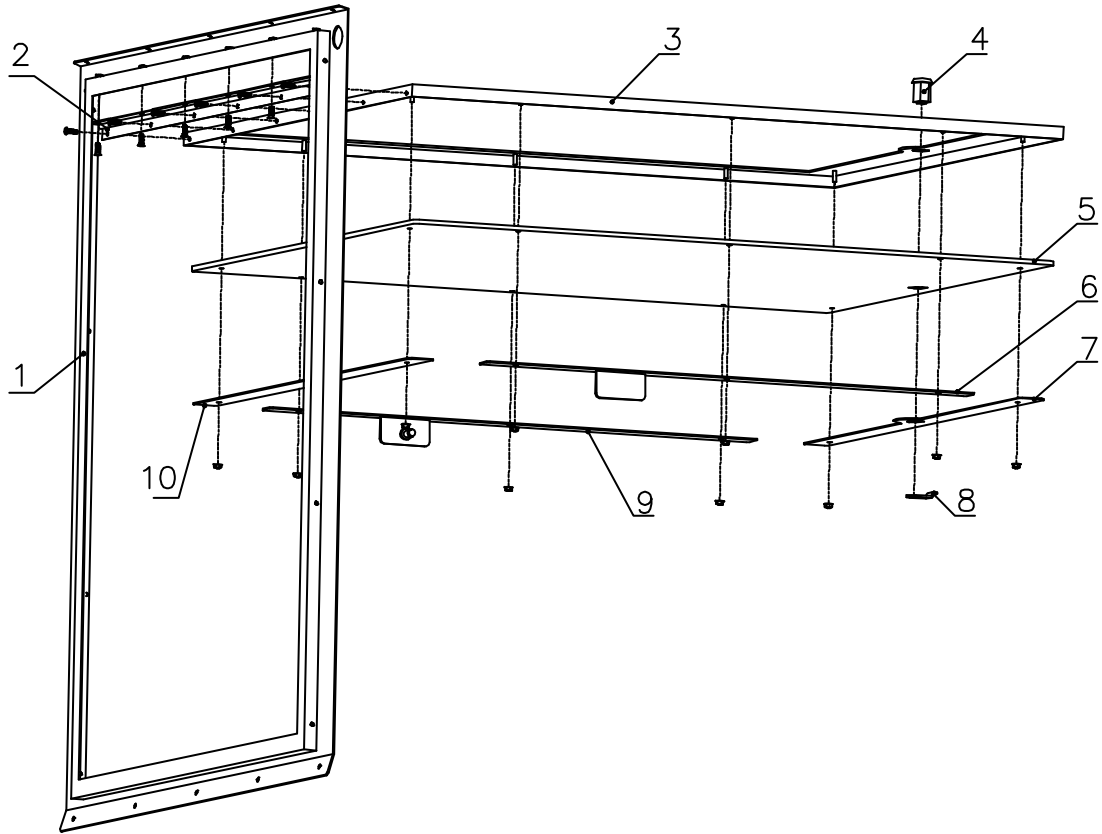
No	Part No. (FF)	Part No.	Diagram No.	Name	QT	Spec.
1	BC-2-1	B111-106-000	26000040000	5mm screw pad	13	ABS
2	BC-2-2	B111-107-000	20511122003	Control panel	1	Clear acrylic.
3	BC-2-3	B111-108-000	20211122022	Lamp fixed plate	1	SECC
4	BC-2-4	B111-109-000	20211122004	Suppprt frame	2	Q235
5	BC-2-5	B111-411-000	25101210005	Gas spring	4	12*h1.2
6	BC-2-6	B111-412-000	20105000012	Open ring	N	D22*D10
7	BC-2-7	B111-110-000	20611122007	R_lamp-chimney	1	White acrylic
8	BC-2-8	B111-601-000	20511122004	Cabin menu	1	Clear acrylic.
9	BC-2-9	B111-111-000	20611122001	L_ lampshade	1	White acrylic
10	BC-2-10	B111-004-000	29911122005	Send ball Assy.	1	Assembly
11	BC-2-11	B111-112-000	20611122004	Send ball cover	1	Clear PVC
12	BC-2-12	B111-005-000	29911122006	Send ball Assy.	1	Assembly
13	BC-2-13	B111-113-000	20211122005	Fairway plate	2	SECC
14	BC-2-14	B111-006-000	29911122007	Stability control	1	Assembly
15	BC-2-15	B111-007-000	29911122008	Swing Assy,	1	Assembly
16	BC-2-16	B111-114-000	20611122005	Pipe sleeve	1	Black cloth
17	BC-2-17	B111-008-000	29911122009	Ball Assy.	1	Assembly
18	BC-2-18	B111-009-000	29911122010	Goal Assy.	1	Assembly
19	BC-2-19	B111-010-000	29911122011	Block ball Assy..	1	Assembly
20	BC-2-20	B111-115-000	20611122006	funnel	1	Clear acrylic.
21	BC-2-21	B111-116-000	20211122006	Lamp installation	1	SECC
22	BC-2-22	B111-117-000	26000014000	Shutter	1	Q235
23	BC-2-23	B111-118-000	20611122007	R_light cover	1	White acrylic
24	BC-2-24	B111-119-000	20211122007	Groove	2	Q235
25	BC-2-25	B111-602-000	20511122001	Main panel menu	1	Clear acrylic.
26	BC-2-26	B111-011-000	29911122013	Ball control assembly	1	Assembly
27	BC-2-27	B111-012-000	29911122012	Lock bar	2	Stainless steel
28	BC-2-28	B111-120-000	2600004000A	5mm screw pad	1	ABS black
29	BC-2-29	B111-013000	29911122015	Funnel Assy.	1	Assembly
30	BC-2-30	B111-014-000	29911122014	Separate ball Assy.	1	Assembly
31	BC-2-31	B111-121-000	20211122008	Goal fairway	1	Stainless steel
32	BC-2-32	B111-122-000	20211122009	Support plate	2	SECC

8.3 Speaker Assembly



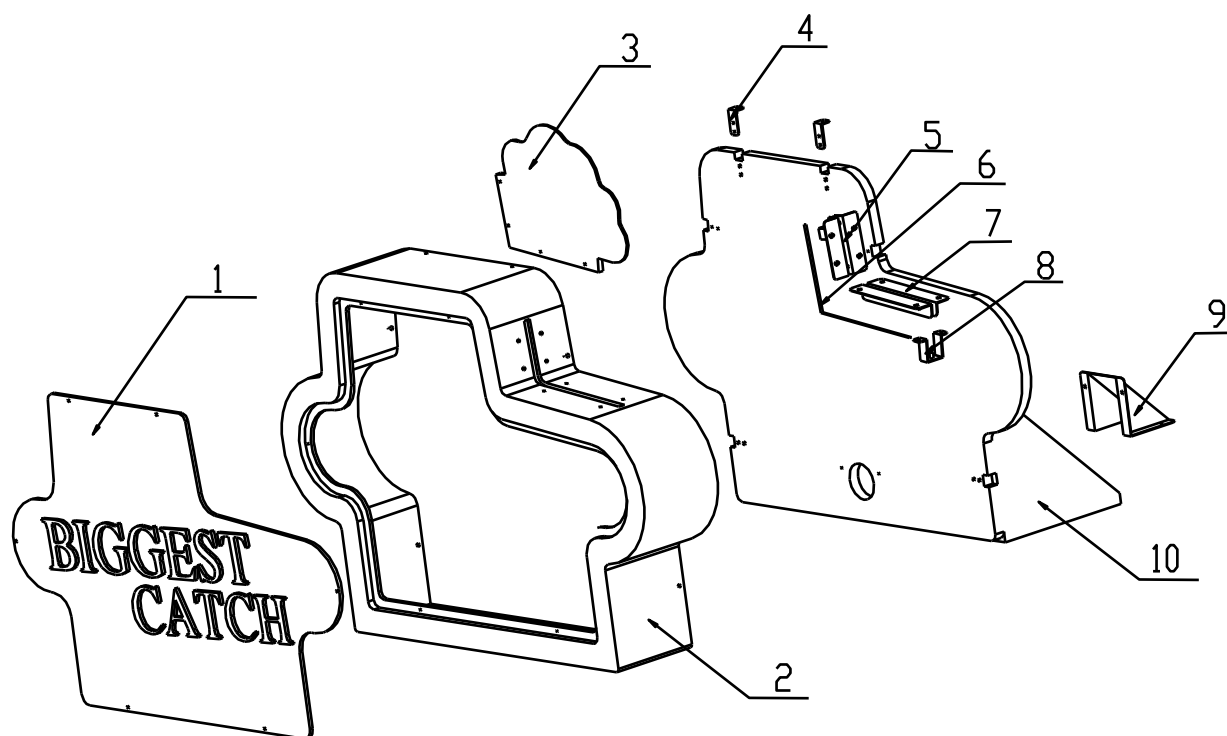
No	Part No.(FF)	Part No.	Diagram No.	Name	Qty	Spec.
1	BC-3-1	B111-123-000	20611122010	Speaker	1	ABS T=5
2	BC-3-2	B111-124-000	20108010009	Copper nut column	8	brass
3	BC-3-3	B111-125-000	20611122011	Speaker net	2	yellow acrylic.
4	BC-3-4	B111-413-000	22801000005	Speaker 4"	2	4"4 $\cap$ 15W
5	BC-3-5	B111-801-000	20731101001	Lamp board	2	BFBZ-HW01.PCB(V1.0

8.4 Door Assembly



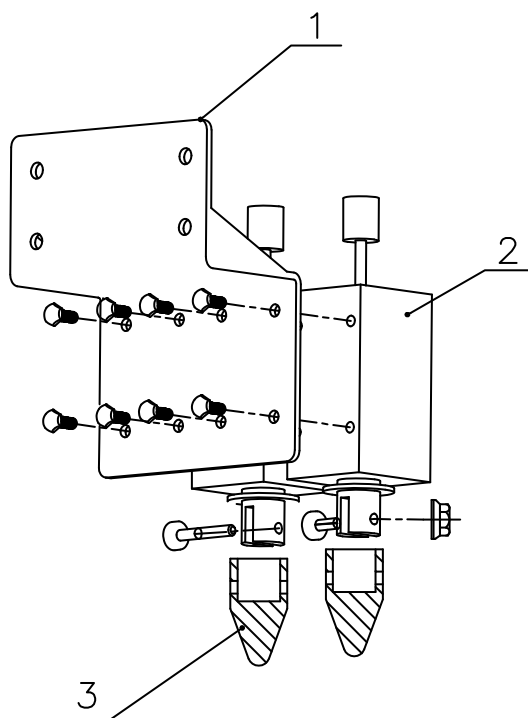
No	Part No.(FF)	Part No.	Diagram No.	Name	QTY	Spec.
1	BC-4-1	B111-126-000	20211122014	Door frame	1	Q235, T=1.5
2	BC-4-2	B111-127-000	20211122015	Door hinge	1	Q235, T=1.2
3	BC-4-3	B111-128-000	20211122016	door plank frame	1	Q235, T=1.5
4	BC-4-4	B111-404-000	25300171001	Lock	1	171
5	BC-4-5	B111-129-000	20611122009	door plank	1	Clear acrylic.,
6	BC-4-6	B111-130-000	20211122019	Door platen 3	1	Q235, T=1.5
7	BC-4-7	B111-131-000	20211122018	Door platen 2	1	Q235, T=1.5
8	BC-4-8	B111-132-000	20211122021	Lock Plate	1	T=2
9	BC-4-9	B111-133-000	20211122020	Door platen 4	1	Q235, T=1.5
10	BC-4-10	B111-134-000	20211122017	Door platen 1	1	Q235, T=1.5

8.5 Marquee Assembly



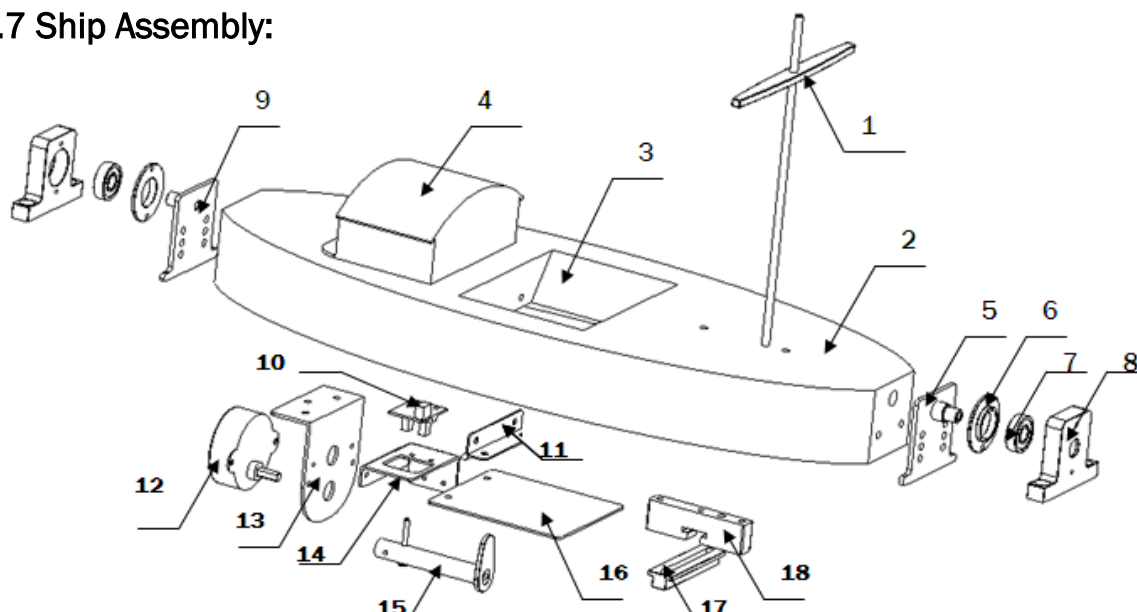
No.	Part No. (FF)	Part No.	Diagram No.	Name	QTY	Spec.
1	BC-5-1	B111-603-000	20511122002	Lamp menu	1	Clear acrylic. δ5
2	BC-5-2	B111-135-000	20611122012	Lamp shell	1	ABS
3	BC-5-3	B111-604-000	20511122005	Top decoration menu	1	Clear acrylic.
4	BC-5-4	B111-136-000	20211122022	Lamp Fixed board	6	SECC
5	BC-5-5	B111-137-000	20211122023	Top Fixed board 1	2	SECC
6	BC-5-6	B111-138-000	20211122027	Lamp piece board	1	SECC
7	BC-5-7	B111-149-000	20211122025	Top Fixed board 2	2	SECC
8	BC-5-8	B111-140-000	20211122024	Light Bar install seat	2	SECC,δ1.5
9	BC-5-9	B111-141-000	20211122026	Cover board	1	SECC
10	BC-5-10	B111-501-000	29911122016	Lamp box install seat	1	Assembly

8.6 Block ball Assembly:



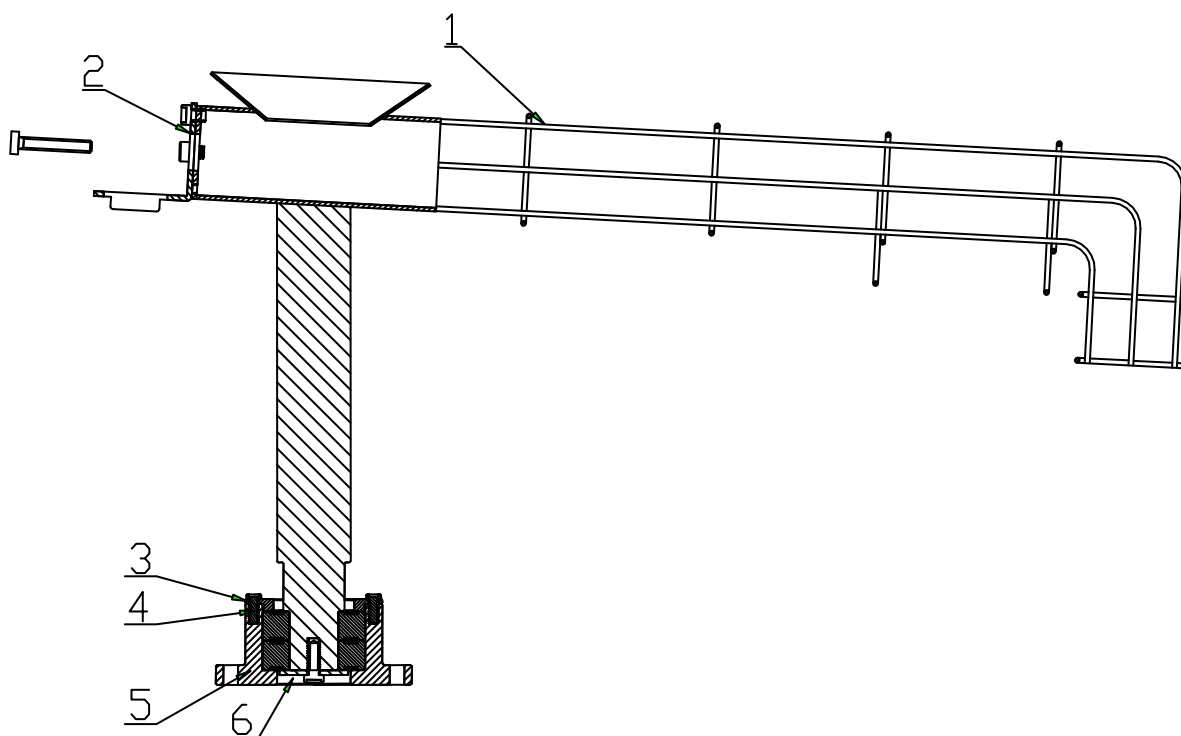
No.	Part No(FF)	Part No.	Code	Name	Qty.	Spec.
1	BC-6-1	B111-142-000	20211122064	Electromagnet base	1	Q235 T=2
2	BC-6-2	B111-408-000	23501000025	Electromagnet	2	AU1253S-12A1.5
3	BC-6-3	B111-143-000	20611122016	Block ball shaft	1	POM D=16

8.7 Ship Assembly:



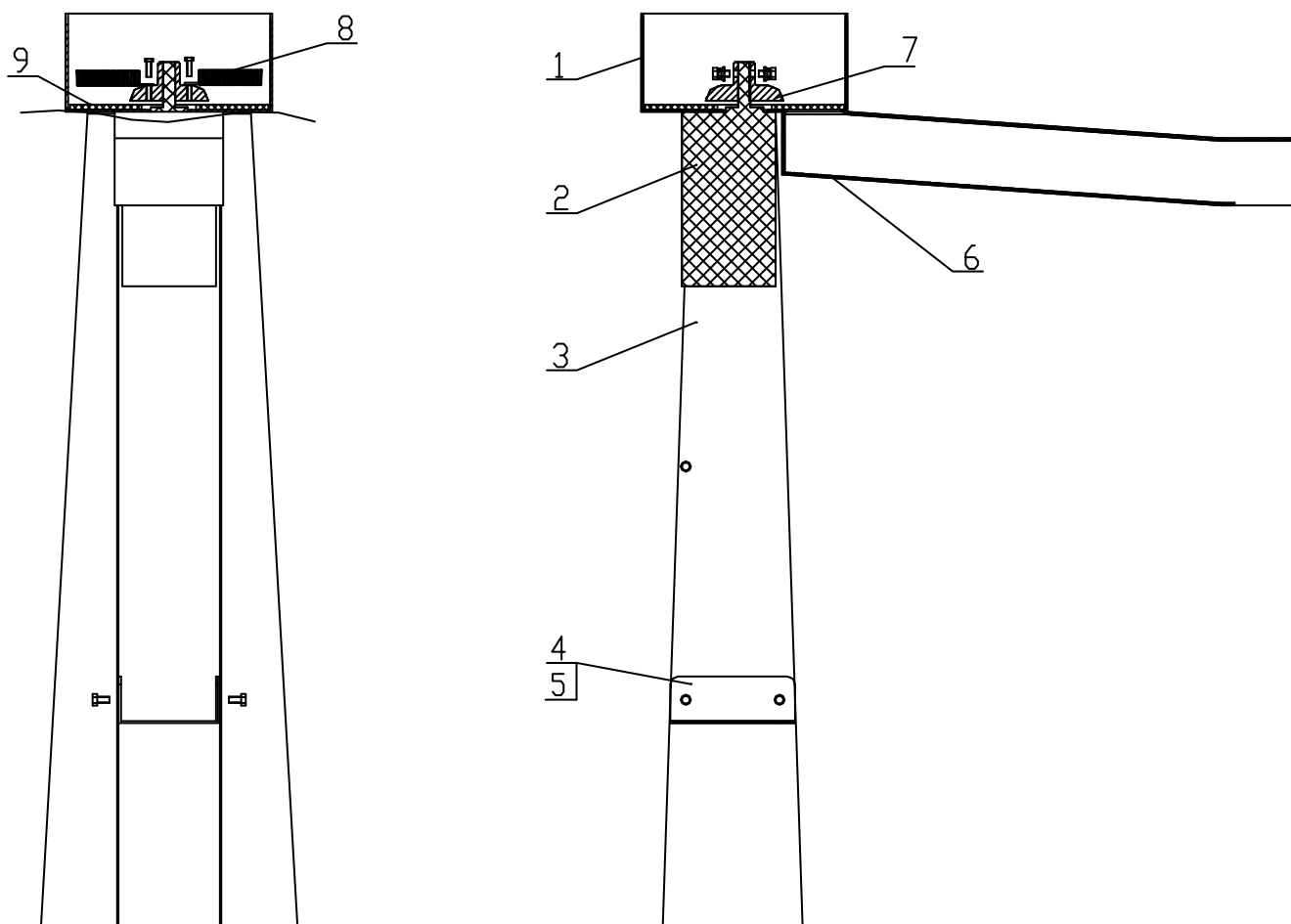
No.	Part No.(FF)	Part No.	Code	Name	Qty.	Spec.
1	BC-7-1	B111-144-000	20211122071	Ship rod	1	Alufer
2	BC-7-2	B111-145-000	20611122017	Ship body	1	ABS
3	BC-7-3	B111-146-000	20211122072	ship cabin	1	Stainless steel
4	BC-7-4	B111-147-000	20611122018	ship chamber	1	Yellow acrylic
5	BC-7-5	B111-148-000	20211122075	Rocking bar(front)	1	Q235
6	BC-7-6	B111-149-000	20211122077	Bearing cover	2	Q235
7	BC-7-7	B111-414-000	20106000306	Bear	2	609ZZ
8	BC-7-8	B111-150-000	20211122076	Bearing seat	2	Q235
9	BC-7-9	B111-151-000	20211122078	Rocking bar(back)	1	Q235
10	BC-7-10	B111-415-000	21503000021	Infrared switch	1	YENOX(NO-5V)
11	BC-7-11	B111-151-000	20211122073	Hinge	1	Stainless steel
12	BC-7-12	B111-407-000	23404000047	DC Motor	1	TG3812V 10 motor
13	BC-7-13	B111-152-000	20211122065	Motor installed board	1	Stainless steel
14	BC-7-14	B111-153-000	20211122066	Infrared installed board	1	SECC
15	BC-7-15	B111-154-000	20211122067	Connecting rod	1	Q235
16	BC-7-16	B111-155-000	20211122074	Cabin base plate	1	Stainless steel
17	BC-7-17	B111-156-000	20211122070	Adjusting block	1	Brass
18	BC-7-18	B111-157-000	20211122069	Fixed block	1	Alufer

8.8 The ball Assembly:



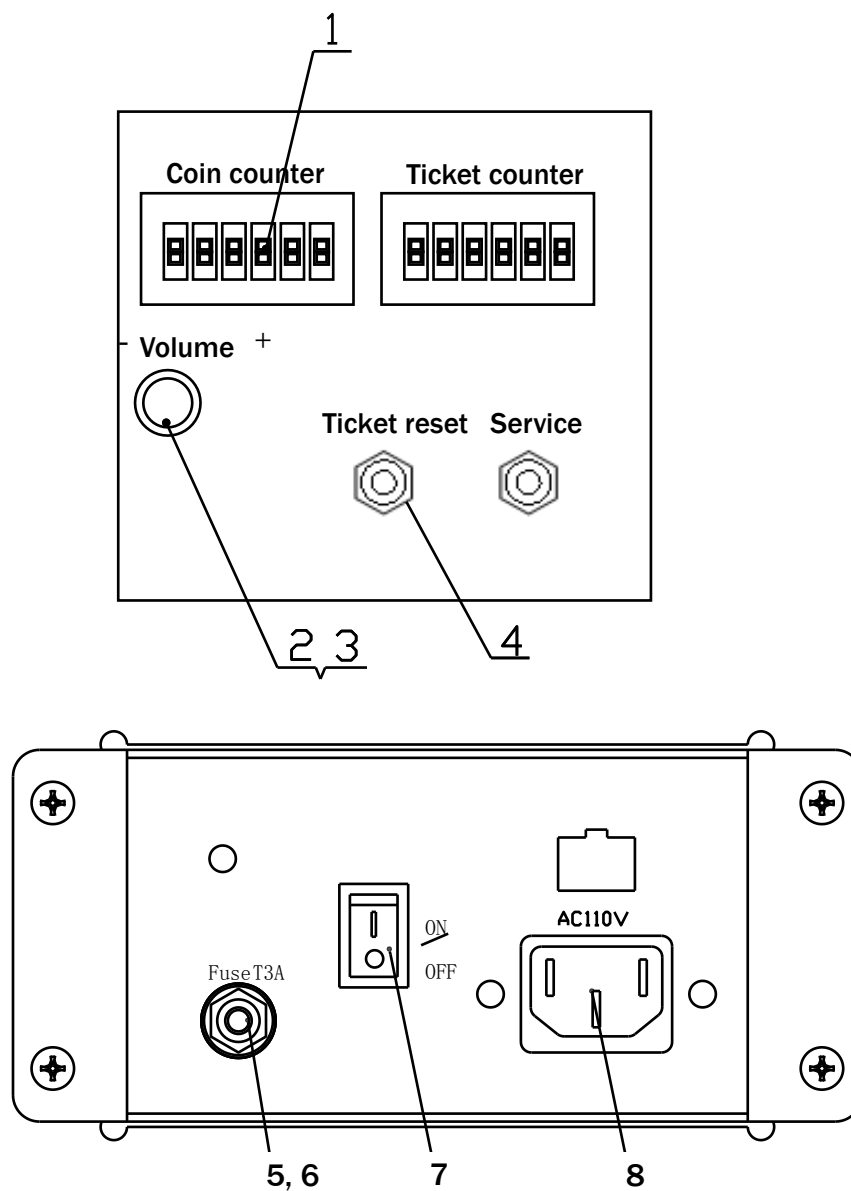
No.	Part No. (FF)	Part No.	Code	Name	Qty.	Spec.
1	BC-8-1	B111-162F-000	20211122093	Ball tube	1	Stainless steel
2	BC-8-2	B111-163-000	20211122058	Rotating board	1	SECC
3	BC-8-3	B111-164-000	20211122059	Bearing cover	1	Q235
4	BC-8-4	B111-422-000	20106000175	Bearing	2	6004-2Z
5	BC-8-5	B111-165-000	20211122060	Bearing seat	1	Q235
6	BC-8-6	B111-166-000	20211122061	Bearing base plate	1	Stainless steel

8.9 Separate ball Assembly:



No.	Part No.(FF)	Part No.	Code	Name	Qty.	Spec.
1	BC-9-1	B111-169-000	20211122081	Ball box	1	Stainless steel
2	BC-9-2	B111-446-000	23405000142	Reversible motor	1	YN60-60JB25GB
3	BC-9-3	B111-170-000	20211122082	Support seat	2	Q235
4	BC-9-4	B111-171-000	20211122085	Bearing cover	1	Q235
5	BC-9-5	B111-172-000	20211122086	Bearing seat	1	Q235
6	BC-9-6	B111-173-000	20211122087	Bearing base plate	1	Stainless steel
7	BC-9-7	B111-174-000	20211122083	Spring	1	Spring steel wire
8	BC-9-8	B111-175-000	20611122019	Ball box pad	1	PU

8.10 Counter & Wire Box



No.	Part No.(FF)	Part No.	Code	Name	Qty.	Spec.
1	BC-10-1	T109-410-000	230000000005	Counter	2	C-012 DC12V
2	BC-10-2	T109-411-000	224030000001	Pot. knob	1	Black
3	BC-10-3	T109-412-000	217090000002	Pot. Connct board	1	VR.PCB
4	BC-10-4	T109-413-000	224020300002	Button	1	DS-316 (green)
	BC-10-5	T109-414-000	224020100002	Button	1	DS-316 (red)
5	BC-10-6	T109-415-000	219010000010	Fuse	1	Φ5×20mm T3A 250VAC
6	BC-10-7	T109-416-000	219020000006	Fuse holder	1	R3-11 110V/250V/10A
7	BC-10-8	T109-417-000	226010000005	SW	1	T125/55
8	BC-10-9	T109-418-000	232010000009	Noise filter	1	10SS1-PB 115/250V10A

8.11 Electrical Parts



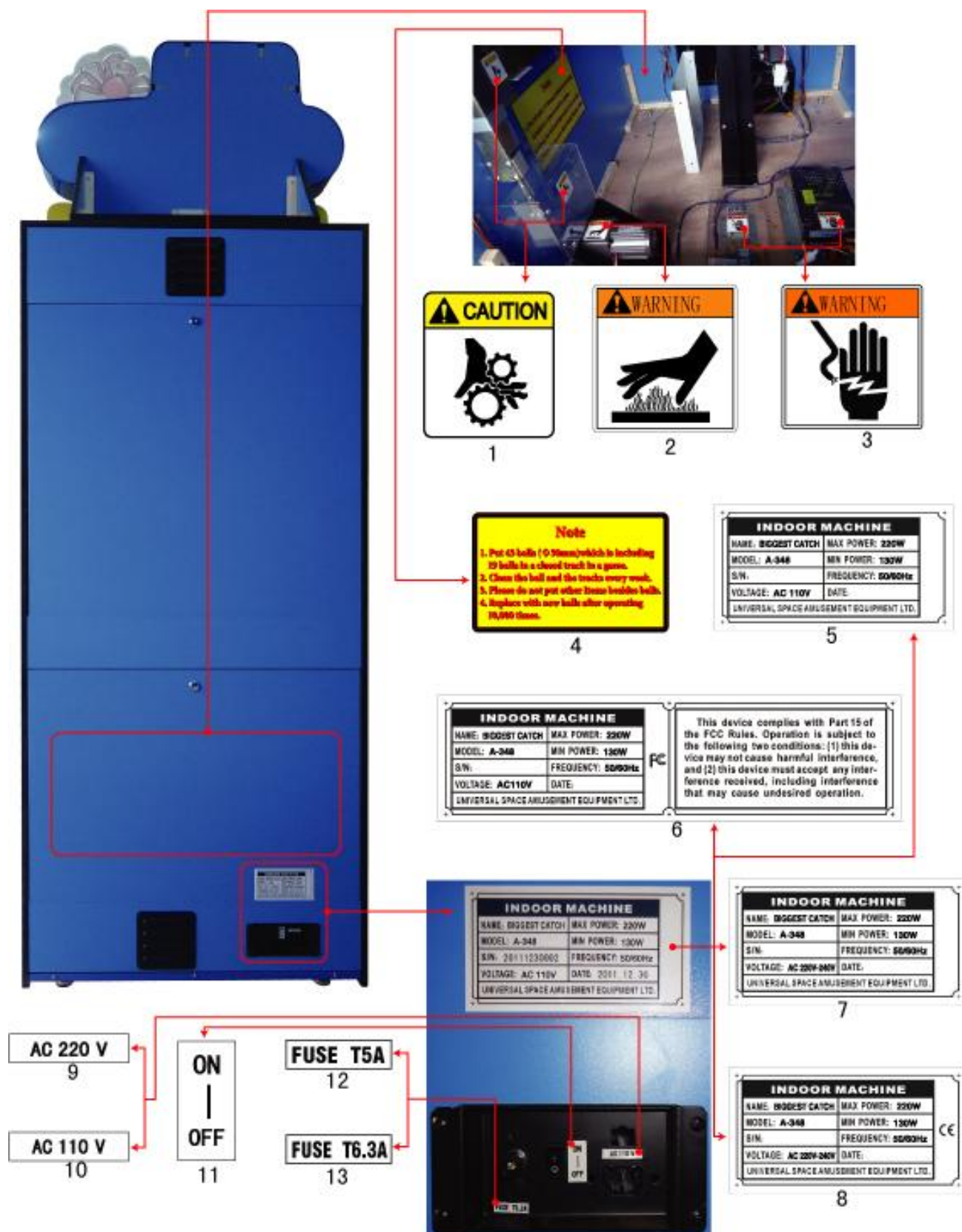
No.	Part No.(FF)	Part No.	Code	Name	Qty.	Spec.
1	BC-11-1	B111-433-000	22006000006	T5 tube	1	MXT5-Y6C 6400K 220V
2	BC-11-2	B111-434-000	22006000048	T5 tube	1	MXT5-Y12C 6400K 220V
3	BC-11-3	B111-435-000	22006000060	PL lamp	1	MXT5-Y8C 6400K 220V
4	BC-11-4	B111-408-000	23501000025	Electromagnet	1	AU1253S-12A1.5
5	BC-11-5	B111-436-000	23501000032	Electromagnet	1	AU1264S-24A05
6	BC-11-6	B111-447-000	2340602000	PMSM	1	50KTYZ-110V-50HZ 5W
7	BC-11-7	B111-407-000	23404000047	DC motor	1	TG38 12V 10 motor
8	BC-11-8	B111-437-000	21602000001	Infrared board	1	BTX-3039(110V/220V)
9	BC-11-9	B111-438-000	23405000089	LED board	1	YN70-15/70JB100G10 220V
10	BC-11-10	B111-439-000	22401000004	100 button	1	while
11	BC-11-11	B111-446-000	23405000142	Reversible motor	1	YN60-10/60JB25G8 220V
12	BC-11-12	B111-440-000	21701000014	Main board	1	PLAYV9
13	BC-11-13	B111-417-000	23405000089	PMSM	1	TG38 12V 10 motor
14	BC-11-14	B111-441-000	21709000001	Relay panel	1	JDQ-LY2J_12V
15	BC-11-15	B111-442-000	22140000002	Solid State Relay	1	SSR-25DA
16	BC-11-16	B111-443-000	21602000004	Power supply	1	EPT-S150S12(12V/12.5V)

8.12 Game Decals (Front)



No.	Part No. (FF)	Part No.	Diagram No.	Name	Spec.	Qty.
01	BC-12-1	B111-703-000	20511122001	Main panel menu	712×571(δ5 Clear acrylic)	1
02	BC-12-2	B111-704-000	20511122002	Lamp menu	674×436(δ5 Clear acrylic)	1
03	BC-12-3	B111-705-000	20511122005	Top decorative menu	260×188(δ10 Clear acrylic)	2
04	BC-12-4	B111-706-000	20511122004	Cabin menu	548×360(δ5 Clear acrylic)	1
05	BC-12-5	B111-707-000	20511122008	R_Funnel sticker	103×536(δ0.3 PVC double-sided adhesive)	1
06	BC-12-6	B111-708-000	20511122012	Main score sticker	904×299(Clear 100u glue)	1
07	BC-12-7	B111-709-000	20511122006	Funnel menu	630×630(δ5 Clear acrylic)	1
08	BC-12-8	B111-710-000	20511122003	Control menu	638×277(δ8 Clear acrylic)	1
09	BC-12-9	B111-711-000	20511122007	L_Funnel sticker	103×536(δ0.3 PVC double-sided adhesive)	1
10	BC-12-10	B111-712-000	20511122011	R_Menu	931×1013(Clear 100u glue)	1
11	BC-12-11	B111-713-000	20511122019	Exit button sticker	62×20(White PVC100u glue)	1
12	BC-12-12	B111-714-000	20511122010	L_Menu	931×1013(clear 100u glue)	1
13	BC-12-13	B111-715-000	20511122018	Capture button sticker	34×34(clear 100u glue)	1
14	BC-12-14	B111-716-000	20511122009	Front door menu	716×578 (δ0.3 pvc double-sided adhesive)	1
15	BC-12-15	B111-717-000	20511122014	Ship menu(boby)	1126×56(White PVC100u glue)	1
16	BC-12-16	B111-718-000	20511122013	ship menu (surface)	484×184(White PVC100u glue)	1
17	BC-12-17	B111-719-000	20511122017	Ship room menu(front)	114×52(White PVC100u glue)	1
18	BC-12-18	B111-720-000	20511122016	Ship room menu(sides)	74×35 (White PVC100u glue)	2
19	BC-12-19	B111-721-000	20511122015	Ship room menu(top)	140×74(White PVC100u glue)	1
20	BC-12-20	B111-722-000	25600000034	Ticket sticker	62×20(White PVC100u glue)	1
21	BC-12-21	B111-723-000	25600000002	Ticket counter sticker	30×6(White PVC100u glue)	1
22	BC-12-22	B111-724-000	25600000001	Coin counter sticker	30×6(White PVC100u glue)	1
23	BC-12-23	B111-725-000	25600000003	Volume sticker	30×6(White PVC100u glue)	1
24	BC-12-24	B111-724-000	25600000008	Ticket reset sticker	30×6(White PVC100u glue)	1
25	BC-12-25	B111-725-000	25600000009	Service sticker	30×6(White PVC100u glue)	1

8.13 Game Decals (Back)



No.	Part No.(FF)	Part No.	Diagram No.	Name	Spec.	Qty.
01	BC-13-1	B111-726-000	25600000055	Clip hand note sticker	35×39(White PVC100u glue)	2
02	BC-13-2	B111-727-000	25600000038	High temperature warning-S	41×42(White PVC100u glue)	1
03	BC-13-3	B111-728-000	25600000036	High voltage warning sticker – S	41×42(White PVC100u glue)	2
04	BC-13-4	B111-729-000	20511122020	Note sticker	250×150 (White PVC100u glue)	1
05	BC-13-5	B111-730-000	20511122024	110V nameplate	128×68 δ1PVC	1
06	BC-13-6	B111-731-000	20511122023	FCC certified nameplate	248×68 δ1PVC	1
07	BC-13-7	B111-732-000	20511122021	220V nameplate	128×68 δ1PVC	1
08	BC-13-8	B111-733-000	20511122022	CE Certified nameplate	128×68 δ1PVC	1
09	BC-13-9	B111-734-000	25600000041	220V label	25×6(White PVC100u glue)	1
10	BC-13-10	B111-735-000	25600000038	220V label	25×6(White PVC100u glue)	1
11	BC-13-11	B111-736-000	25600000016	Power SW sticker A	12×25(White PVC100u glue)	1
12	BC-13-12	B111-737-000	25600000011	Fuse T5A	22×6(White PVC100u glue)	1
13	BC-13-13	B111-737-000	25600000013	Fuse T6.3A	22×6(White PVC100u glue)	1

