

DRAGON TREASURE



IMPORTANT



Be Sure
to Read this
Manual
Before Use



UNIS TECHNOLOGY

Operation Manual

WE ARE HERE TO ASSIST For parts and service



Have Questions? Contact us!

UNIS SERVICE CENTER

Tel: 972-241-4263

Email: service@unispartsandservice.com

www.unispartsandservice.com

When contacting Service, you will need the following information
and the name of your authorized distributor.

INDOOR MACHINE	
NAME: Dragon Treasure GMP	MAX POWER: 900W
MODEL: T-420	MIN POWER: 650W
S/N:	FREQUENCY: 50/60Hz
VOLTAGE: AC110V ~	DATE:
Guangdong UNIS Technology Co.,Ltd.	

INDOOR MACHINE	
NAME: Dragon Treasure GMP	MAX POWER: 900W
MODEL: T-420	MIN POWER: 650W
S/N:	FREQUENCY: 50/60Hz
VOLTAGE: AC220-240V ~	DATE:
Guangdong UNIS Technology Co.,Ltd.	

CONTENT

IMPORTANT SAFETY INSTRUCTIONS	3
1. SPECIFICATIONS	5
2. CONTENTS OF THE ACCESSORY KIT	6
3. PART NAME	7
4. SET UP & INSTALLATION	9
5. LOCATION OPERATION INSTRUCTIONS	15
6. HOW TO PLAY	17
7. IO SETTING	18
8. TROUBLESHOOTING	35
9. MAINTENANCE & INSPECTION	39
10. OVERALL CONSTRUCTION	40
11. WIRING DIAGRAM	76

Thank you for purchasing **Dragon Treasure GMP**. 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.

IMPORTANT NOTE:

ALL REPAIRS MUST BE DONE TO ORIGINAL MANUFACTURER SPECIFICATIONS. FAILURE TO DO SO VOID ALL WARRANTIES AND OPERATOR ASSUMES ALL RISKS.

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

1. SPECIFICATIONS

Rated power supply: AC110V 50/60Hz; AC220V 50/60Hz;

Min. Power consumption: 650W

Max. Power consumption: 900W

Dimension: H105.71×W63.46×D44.17 in

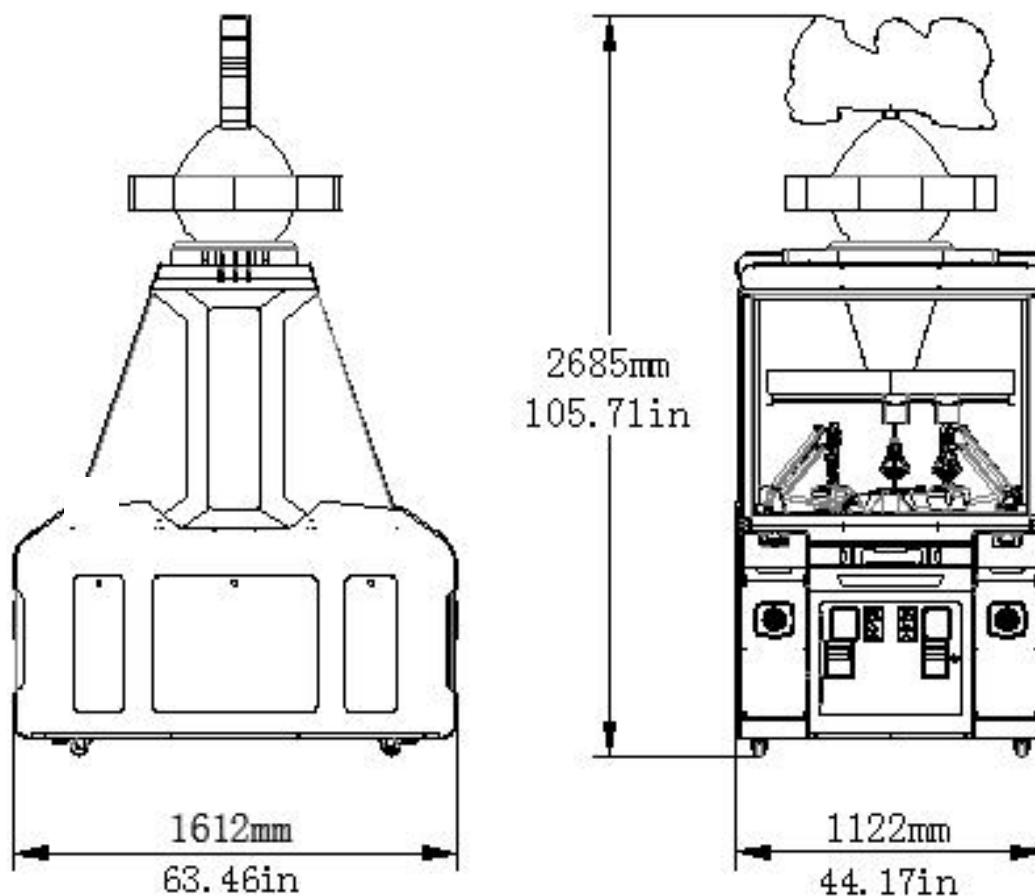
H2685×W1612 ×D1122 mm

Weight: Approximately 793.66lb/360 KG

Model No.:T-420

Part No.: D178

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



Note: Game specifications are subject to change without notice.

2. CONTENTS OF THE ACCESSORY KIT

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

Following accessories

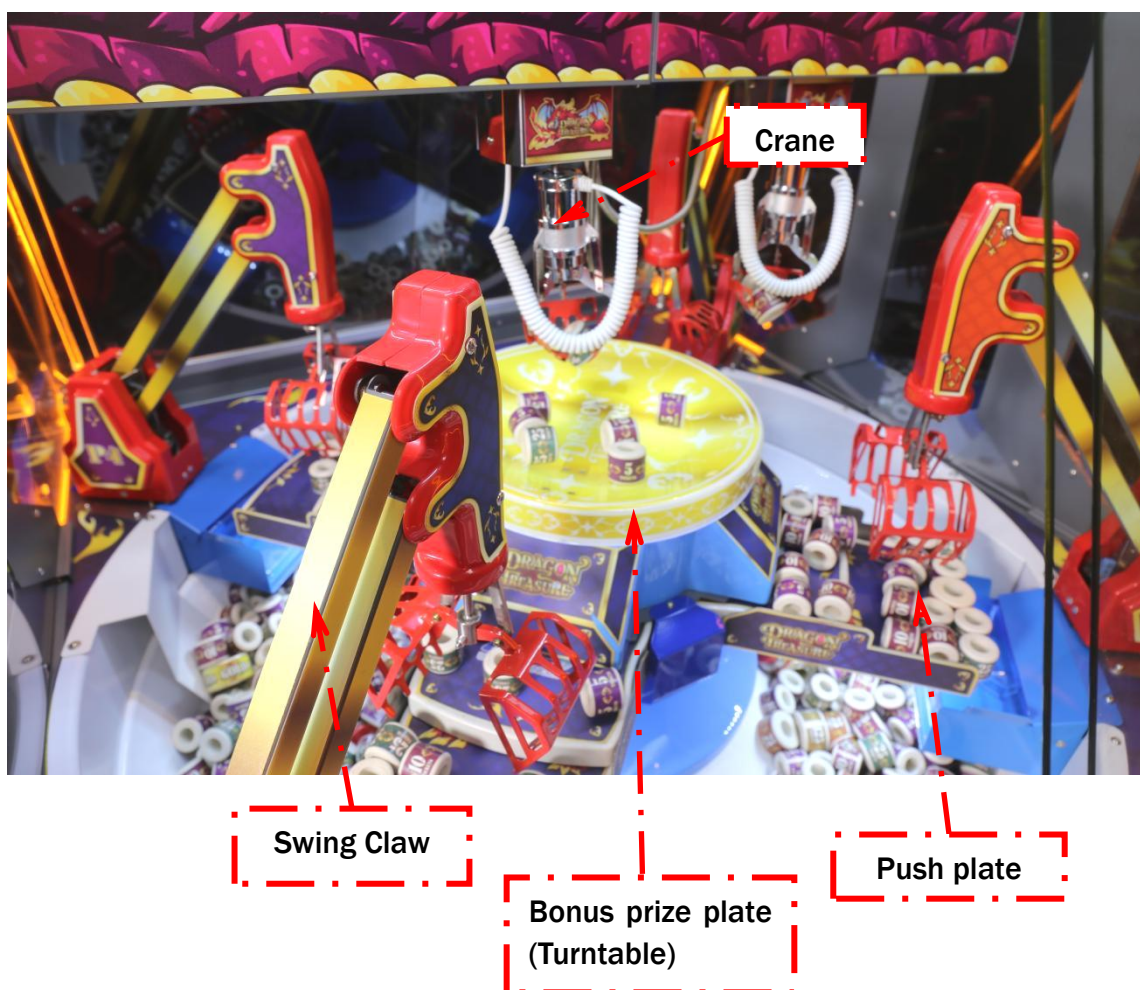
No.	Part No.	Code No.	Name/SPEC	Picture	Qty
1	D178-1801-00	2.33.01.010020	Power cord 3×16AWG 1.8M		2
3	D178-1802-00	2.19.01.000030B	Fuse(T10A) Φ5×20mm T10A 250VAC		2
4	D178-1803-00	2.53.00171002	171A		2
5	D178-1804-00	2.53.00172002	171B		2
6	D178-1805-00	2.53.02000010	Pressing key AY05	/	2
7	D178-1806-00	4.14.40000703	Manual	/	1
8	D178-1807-00	201.01.100089	Hexagon round head screw M5×12		8
9	D178-1808-00	201.01.020040	Cross recessed pan head screw set M4×8		6

NOTE: Part models are subject to change without notice.

3. PART NAME

Key Components





4. SET UP & INSTALLATION

⚠ NOTICE

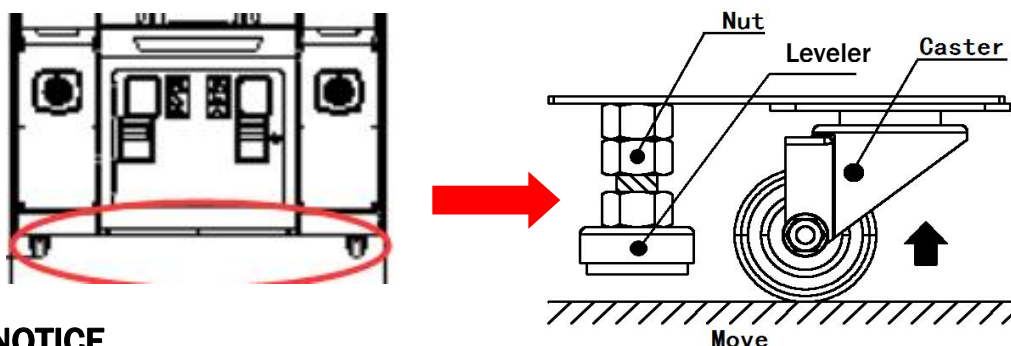
We do not recommend using power tools as they may cause damage.

⚠ 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 Transporting the Game

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



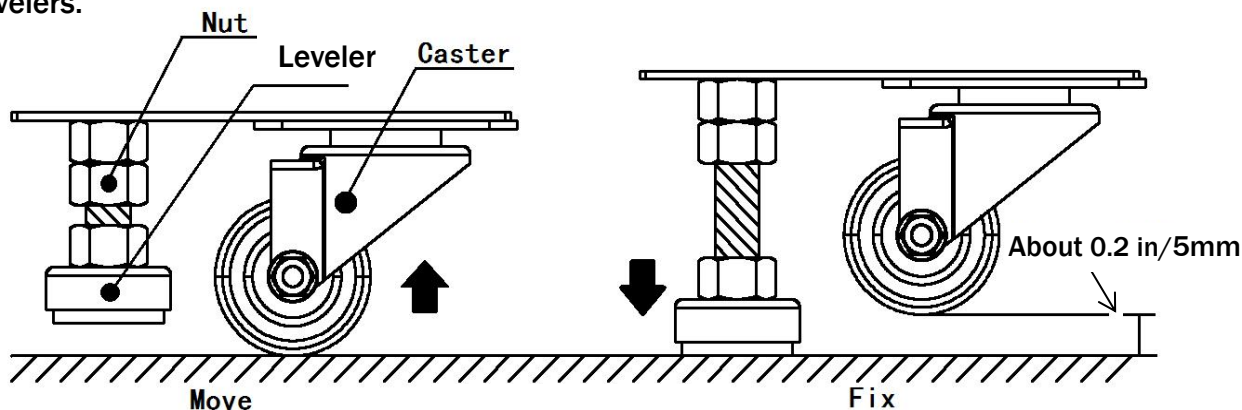
⚠ NOTICE

- Be careful not to damage the machine during transport.
- 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.

4.2 Level Adjustment

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

To secure the game, loosen the nut, utilize wrench to adjust the leveler down until it touches the floor, lifting the casters off the ground by 0.2 in/5mm. Repeat the same for all levelers.



⚠ NOTICE

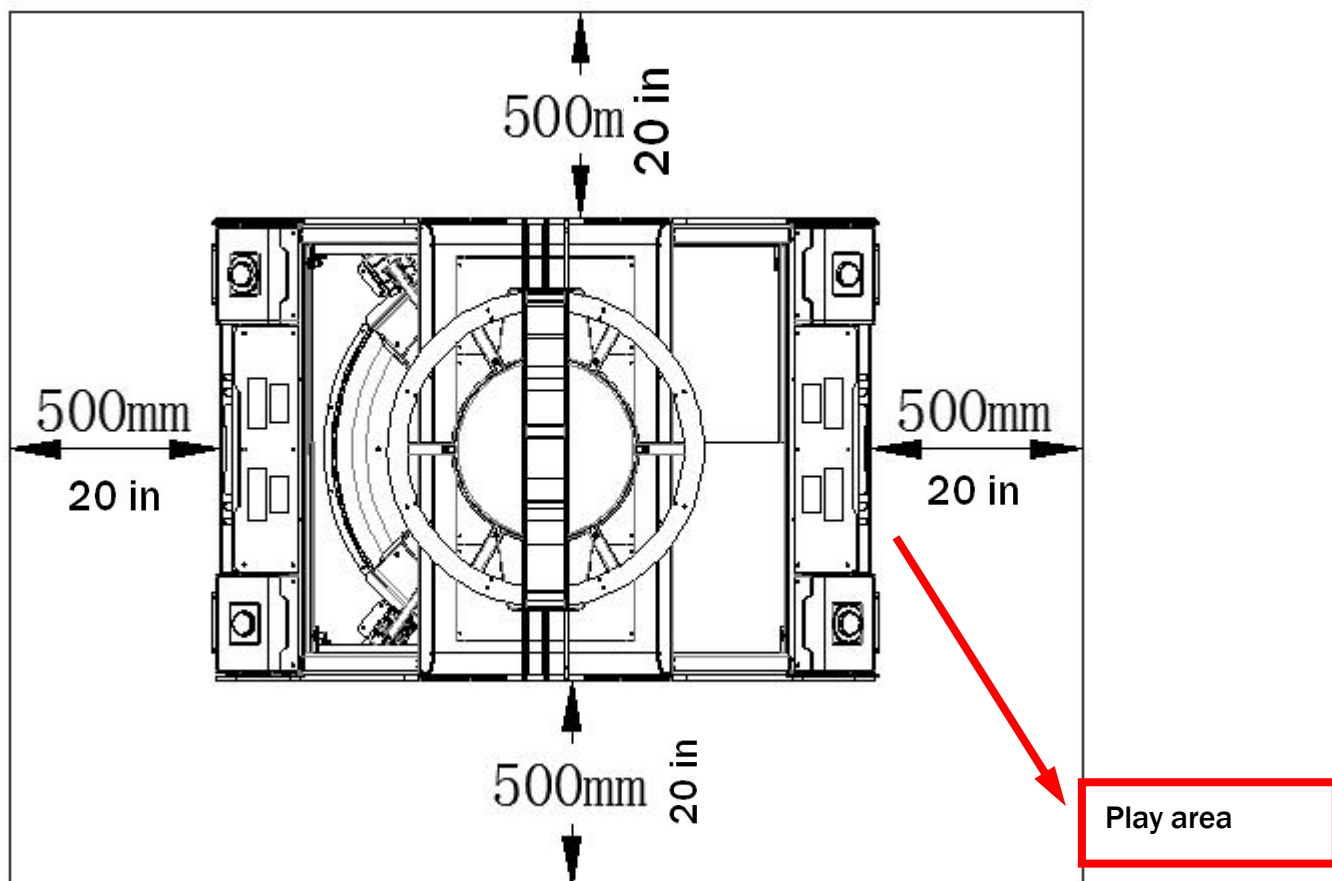
Make sure the machine is level.

4.3 Play Zone

This machine requires space for playing and for maintenance as shown below.

Leave space around the game upon installation:

Play area: 20 in



NOTICE

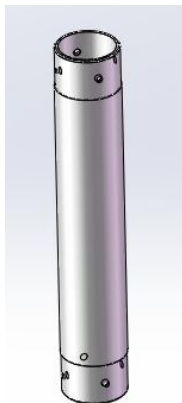
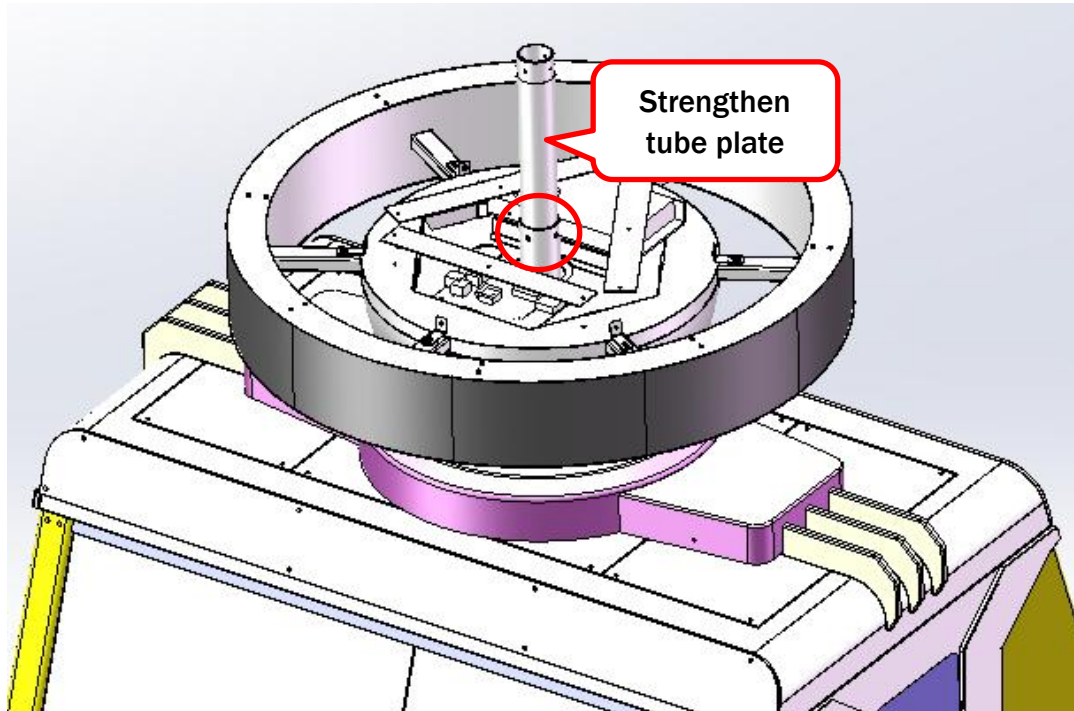
Your unit must be leveled to operate properly.

4.4 Machine Installation

Before processing with assembly assure you have the following tools.

No.	Name	Picture
1	Phillips screwdriver	

Step 1 Install Strengthen tube plate to the top of the cabinet. Utilize screws to secure. Lead the marquee connectors to the Strengthen tube plate.

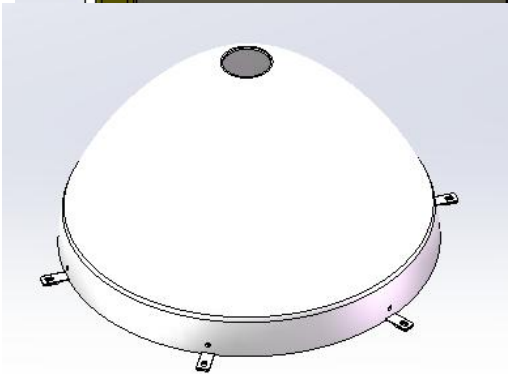
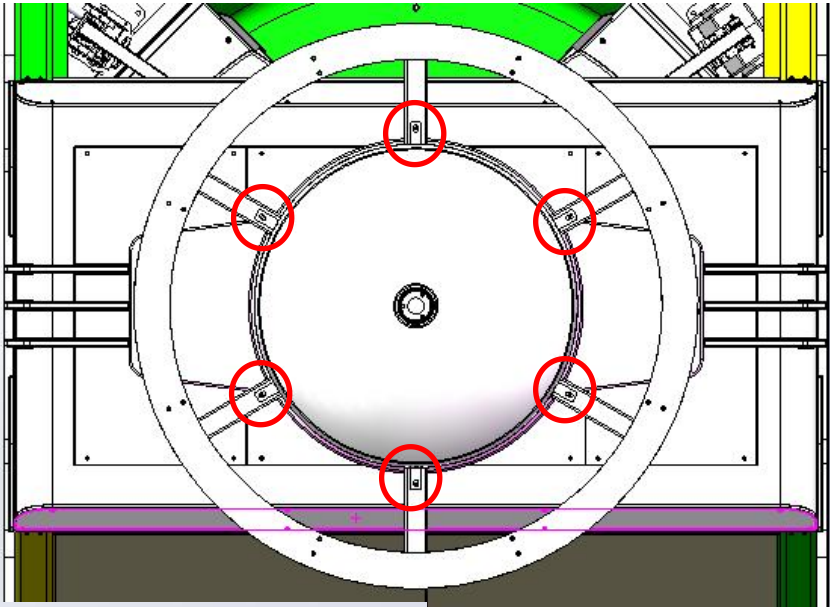
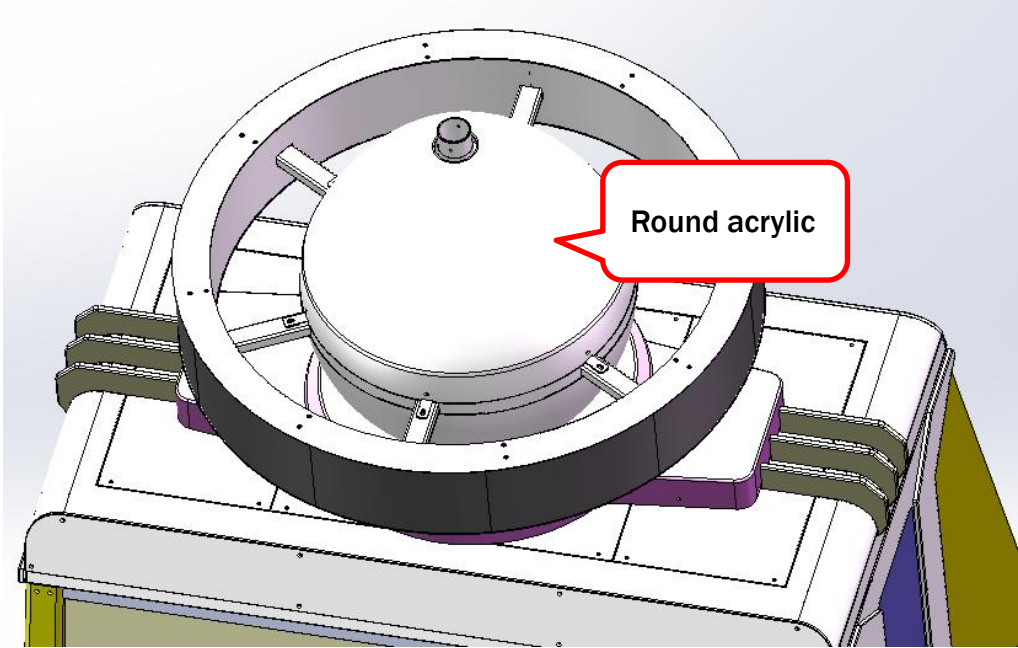


Name	Strengthen tube plate
Qty	1



Name	Hexagon round screw
Spec.	M5×10
Qty	4

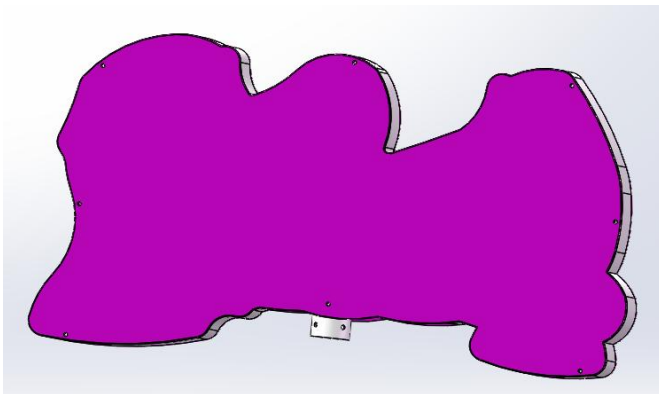
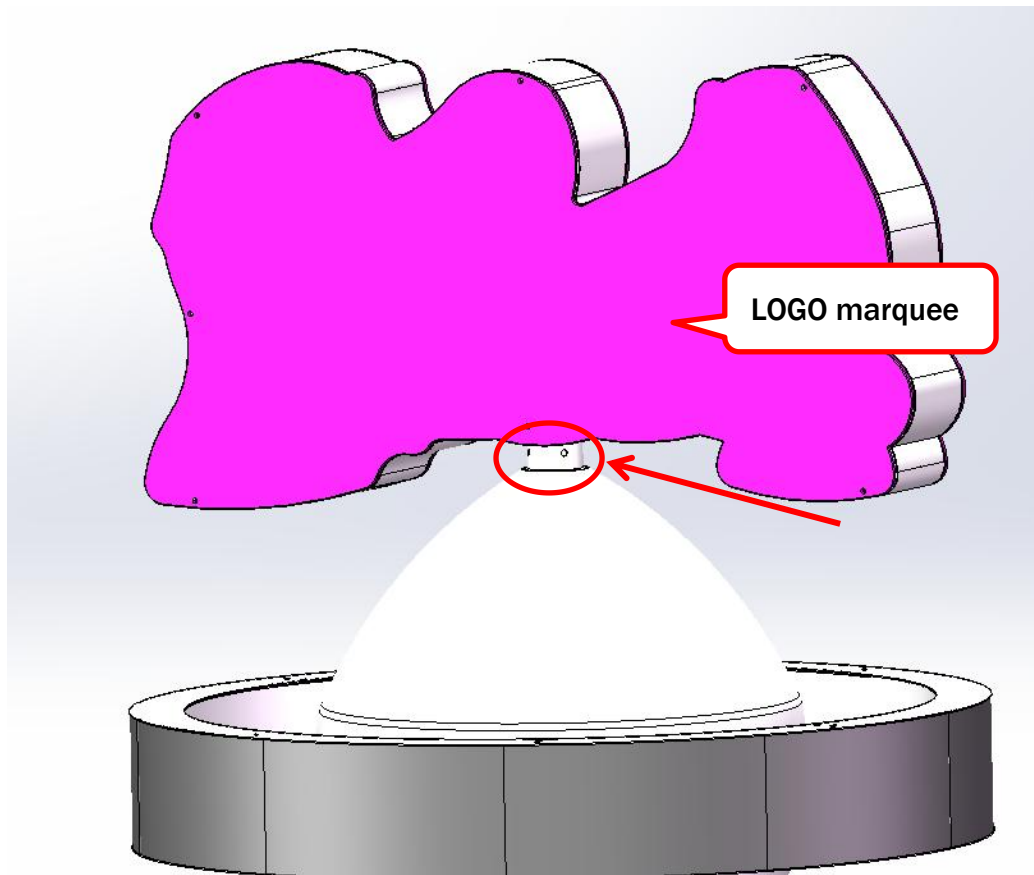
Step 2 Install Round acrylic to the cabinet as shown below. Utilize screws to secure.



Name	Round acrylic
Qty	1

Name	Cross recessed pan head screw set
Spec.	M4×10
Qty	6

Step 3 Install LOGO marquee.



Name	LOGO marquee
Qty	1

Name	Hexagon round screw
Spec.	M5×10
Qty	4

Finish!



4.5 Card Reader Installation Safety Notice



Take precaution to assure that all wiring voltages are confirmed prior to installation of card reader. All warranties are void if not properly installed resulting in logic board damage.

Important: This game is pre-wired to AAMA standards. It is highly recommended to utilize this wiring for Card reader installation.

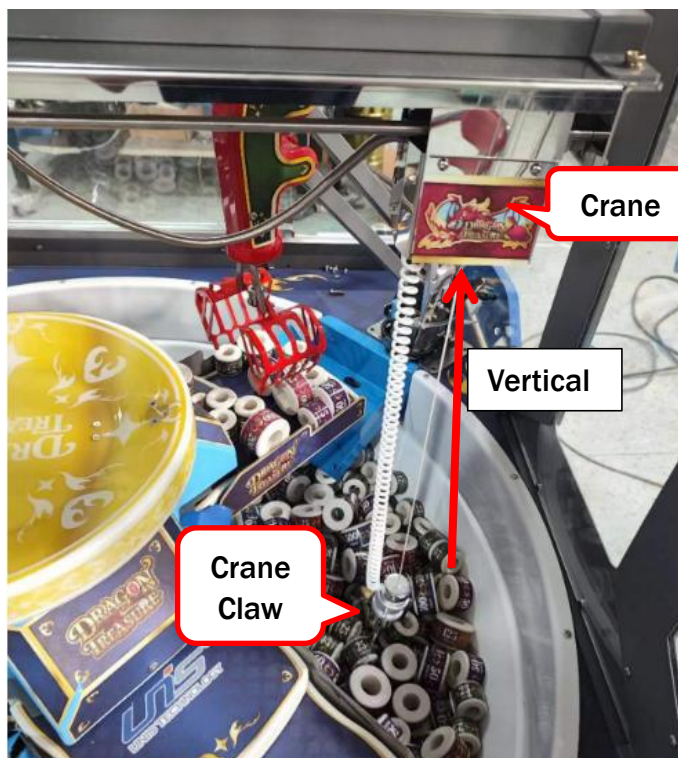
5. LOCATION OPERATION INSTRUCTIONS

5.1 First Power On Operation

Step 1 All ticket rolls are evenly placing on the turntable.



Step 2 Before starting the machine, the crane claw should be placed vertically with the crane.



Step 3 Both power switches need to be activated within 5 seconds

Both power
switches need
to be activated
within 5s



6. HOW TO PLAY

6.1 Insert coins/tap/swipe card to play. Press the button to swing claw out and grab tickets rolls.

6.2 Win any ticket roll that got pushed over the edge

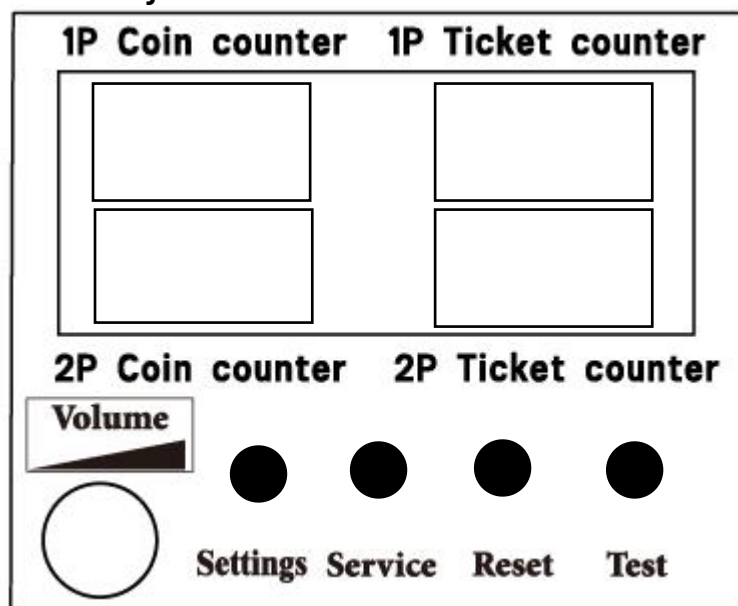
6.3 Collect Golden roll to win Dragon treasure in the center plate.

6.4 Collect Dragon roll to use dragon crane to win Extra Bonus with dragon treasure.



7. IO SETTING

7.1 Adjustment button instruction



Open the coin door and there is a meter panel. Press Settings button to enter the setting menu.

7.1.1 U3 Mainboard IO Chart

Input:					
INPUT	Content	INPUT	Content	INPUT	Content
IN1	1P Prizing Sensor	IN9	L Claw Up&down Limit	IN17	
IN2	2P Prizing Sensor	IN10	L Claw Up&down Reset	IN18	
IN3	3P Prizing Sensor	IN11	R Claw Moving Reset	IN19	
IN4	4P Prizing Sensor	IN12	R Claw Moving Limit	IN20	
IN5	Prizing Motor Reset Sensor	IN13	R Claw Up&down Limit		
IN6	Prize Motor Limit Sensor	IN14	R Claw Up&down Reset		
IN7	L Claw Moving Reset	IN15			
IN8	L Claw Moving Limit	IN16			
Note: IN1 - IN20 is standard input(IN1 - 4&SW3"5 - 8" use same); IN21 - IN28 is fixed input					

Output:					
OUTPUT	Content	OUTPUT	Content	OUTPUT	Content
OUT1	Prize Turntable Motor	OUT9	Spotlight	OUT17	
OUT2	Pushplate Motor	OUT10	Game Area Light	OUT18	
OUT3	Top Marquee Motor	OUT11	Middle Light	OUT19	
OUT4	Prizing Turning Motor	OUT12	L Claw Catch	OUT20	
OUT5	Prizing Turning light	OUT13	R Claw Catch	OUT21	
OUT6		OUT14		OUT22	
OUT7		OUT15		OUT23	
OUT8		OUT16		OUT24	
Note: OUT1 - OUT16 is for NCE3010 output (5A) ,				OUT25	
OUT17 - OUT32 is for ULN2803 output (0.5A) ; OUT26 - OUT32 is fixed output					

Fixed(input/output)port		
Item	Content	Content
CION (J22)	(032)C_LK2	
	(IN24)C_IN2	
	GND	
	(031)C_LK1	
	(IN23)C_IN1	
	12V	
TICK (J20)	(026)T2_OUT	
	(IN22)T2_IN	
	12V	
	GND	
	(027)T1_OUT	
	(IN21)T1_IN	
	12V	
	GND	
CNT (J21)	(028)CNT1	
	(029)CNT2	
	(030)CNT3	
	GND	
	GND	
	(IN25)KEY1	
	(IN26)KEY2	
	(IN27)KEY3	
	(IN28)KEY4	
	12V	

ADC part		
Item	Content	Content
AD1-2 (J4)	3.3V	
	AD1	Prizing Motor M-
	AD2	Prizing Motor M+
	GND	GND
	GND	
AD3-5 (J3)	3.3V	
	AD3	R Claw Up&down Motor M-
	AD4	R Claw Up&down Motor M+
	AD5	
	GND	
	GND	

Communication:		
Item	Content	Content
485(J14)	B	I6 mainboard communication
	A	I6 mainboard communication
	GND	GND
	B	I6 mainboard communication
	A	I6 mainboard communication
	GND	GND
USART (J11) (MCU)	RX	
	TX	
	GND	
USART (J12) (232)	RX	
	TX	
	GND	
USART (J13) (232)	RX	Music Module
	TX	Music Module
	GND	
USART (J8) (232)	RX	
	TX	
	GND	
	GND	
USB		

Stand-alone part:		
Item	Content	Content
PE8-15 (J6)	5V	
	PE8	
	PE9	
	PE10	
	PE11	
	PE12	
	PE13	
	PE14	
	PE15	
	GND	
PWM (J7)	12V	
	12V	12V
	PWM1	16 Road Extension Board LAT
	PWM2	16 Road Extension Board CLK
	PWM3	16 Road Extension Board DATA
	PWM4	
	PWM5	
	GND	GND
	GND	E
I ² C(J5)	3.3V	
	SCL	L Claw Moving Motor M-
	SDA	L Claw Moving Motor M+
SPI(J5)	NSS	L Claw Up&down Motor M-
	SCK	L Claw Up&down Motor M+
	MISO	R Claw Moving Motor M-
	MOSI	R Claw Moving Motor M+
	GND	

16 Road Extension Board IO Chart

OUTPUT: J3、J4、J5、J6、J7

OUTPUT	Content	OUTPUT	Content
OUT1	1P Push Plate Light White	OUT9	3P Push Plate Light Red
OUT2	1P Push Plate Light Yellow	OUT10	4P Push Plate Light White
OUT3	1P Push Plate Light Red	OUT11	4P Push Plate Light Yellow
OUT4	2P Push Plate Light White	OUT12	4P Push Plate Light Red
OUT5	2P Push Plate Light Yellow	OUT13	
OUT6	2P Push Plate Light Red	OUT14	
OUT7	3P Push Plate Light White	OUT15	
OUT8	3P Push Plate Light Yellow	OUT16	

Item	Content	Content
J1 (INPUT)	12V	12V
	GND	GND
	LAT	U3 signal
	CLK	U3 signal
	DATA	U3 signal
	GND	GND

Machine settings

Long press "Settings" button to enter. Press "Settings" button to select, "Service" +, Press "Reset" -.

Settings	Instructions		Default	Service/Reset	
A00	Game Version	1 is GMP	1	Fixed	Press Settings↓
A01	Coins Per Game	0-10, 0 is free	1	±1	Press Settings↓
A02	Rounds Per Game	1-10	1	±1	Press Settings↓
A03	Game Time	10-100	20s	±1	Press Settings↓
A04	Demo Music	0-250, 0 is OFF	120s	±10	Press Settings↓
A05	L&R Claw Catch Award Time	1-10	3	±1	Press Settings↓
A06	Clear Rest Game Round	0 is no, 1 is yes(The Settings return to 0 after exit)	0	±1	Press Settings↓
A07	Clear Owned Tickets	0 is no, 1 is yes(The Settings return to 0 after exit)	0	±1	Press Settings↓
A08	Memory Save	0 is no, 1 is yes	1	±1	Press Settings↓
A09	Clear All Data	10: Clear		±1	Press Settings↓
A10	Factory Restore	10: Reset		±1	Press Settings↓
FFF	Back To Game	Wait 3 seconds to exit. Click to return A0.			Press Settings↓

Machine Test

Long press "Test" button to enter. Press "Test" button to select, Press "Service" +, Press "Reset" -.

Test button	Press "Service" +, Press "Reset" -.		
P00	Display Test	0-9 Loops	Press Settings↓
P01	Input Test	Refer to P1	Press Settings↓
P02	Output Test	Refer to P2	Press Settings↓
P03	Motor Test	Refer to P3	Press Settings↓
P04	Sensor Detecting Test	Refer to P4	Press Settings↓
P05	Auto Refill Ticket Roll	0-9 isn't refill; Set 10 to start refill. Back to 0 means filling finish.	Press Settings↓
P06	Music Test	Display displays value is the corresponding number of music	Press Settings↓
P07	Ticket Test	Press Grab button once, 1 ticket out.	Press Settings↓
P08	Claw down when transportation	0-9: OFF, 10: ON; After startup, wait for it to change to 0, finish settings (Only in transportation)	Press Settings↓
P09	Mechanism Record	0-9 doesn't open; Set 10 to recode.	Press Settings↓
FFF	Back To Game	Wait 3 seconds to exit. Click to return A0.	Press Settings↓

7.1.2 I6(485) Board IO Chart

Input: J11					
INPUT	Content	INPUT	Content	INPUT	Content
IN1	1/3P Coin signal	IN9	1/3P Up&down Motor Reset Sensor	IN17	1/3P Score Pushplate Sensor
IN2	1/3P Ticket Feedback	IN10	1/3P Up&down Motor Limit Sensor	IN18	2/4P Score Pushplate Sensor
IN3	1/3P Button	IN11	2/4P Moving Motor Limit Sensor	IN19	1/3P Prize Detect
IN4	2/4P Coin signal	IN12	2/4P Moving Motor Reset Sensor	IN20	2/4P Prize Detect
IN5	2/4P Ticket Feedback	IN13	2/4P Up&down Motor Reset Sensor		
IN6	2/4P Button	IN14	2/4P Up&down Motor Limit Sensor		
IN7	1/3P Move Motor Limit Sensor	IN15	1/3P DBV		
IN8	1/3P Move Motor Limit Sensor	IN16	2/4P DBV		
Note: IN1 - IN20 is standard input; IN21 - IN24 is dial SW.					

Output: J18、J19、J20、J23					
OUTPUT	Content	OUTPUT	Content	OUTPUT	Content
OUT1	1/3P Cabinet Light R	OUT9	1/3P Claw Prizing Light	OUT17	1/3P Ticket Drive
OUT2	1/3P Cabinet Light G	OUT10	2/4P Claw Prizing Light	OUT18	2/4P Ticket Drive
OUT3	1/3P Cabinet Light B	OUT11	1/3P Lock Coin Signal	OUT19	1/3P Button Light
OUT4	2/4P Cabinet Light R	OUT12	2/4P Lock Coin Signal	OUT20	2/4P Button Light
OUT5	2/4P Cabinet Light G	OUT13	1/3P Catch Solenoid	OUT21	1/3P Coin Meter
OUT6	2/4P Cabinet Light B	OUT14	2/4P Catch Solenoid	OUT22	1/3P Ticket Meter
OUT7	1/2/3/4P Acrylic Light	OUT15		OUT23	2/4P Coin Meter
OUT8	1/2/3/4P Control Panel Light	OUT16		OUT24	2/4P Ticket Meter
Note: OUT1 - 12 is NCE3010 output (5A), OUT13 - 24 is ULN2803 output (0.5A);					

J1	12V	J2	5V	J3	GND
	12V		GND		GND
	GND				GND
	GND				GND
J21	12V	J4	5V	J22	GND
	12V		5V		GND
	12V		5V		GND
					GND
					GND

Stand-alone part:		
Item	Content	Content
PWM 245 J5	12V	12V
	P6.3	1/2/3/4P Display LAT
	P6.1	1/2/3/4P Display CLK
	P6.0	1/2/3/4P Display DATA
	P6.2	
	P6.4	
	P6.5	
	P6.6	
	GND	GND
J6	5V	
	P6.7	
	P3.2	
	P3.3	1/3P Moving Motor -
	P3.4	1/3P Moving Motor +
	P3.5	1/3P Up&down Motor -
	P4.3	1/3P Up&down Motor +
	GND	GND
J7	P7.7	2/4P Moving Motor -
	P7.6	2/4P Moving Motor +
	P7.5	2/4P Up&down Motor -
	P3.6	2/4P Up&down Motor +
J8	P3.7	1/3P Score Pushplate Motor -
	P4.1	1/3P Score Pushplate Motor +
	P7.0	2/4P Score Pushplate Motor -
	P5.5	2/4P Score Pushplate Motor +

ADC part		
Item	Content	Content
AD3-6 J9	5V	
	5V	
	P1.6(AD6)	Settings
	P1.5(AD5)	Service
	P1.4(AD4)	Reset
	P1.3(AD3)	Test
	GND	GND
AD0-12 J10	5V	
	5V	
	P1.2(AD2)	
	P1.1(AD1)	
	P1.0(AD0)	1/2/3/4P Tilt Alarm
	GND	

Communication:		
Item	Content	Content
USART4 (MCU) J15	5V	5V
	RX(P5.2)	
	TX(P5.3)	
	GND	
	GND	
USART4 485 J16	A	Ticket Roll Reader
	B	Ticket Roll Reader
	GND	GND
USART4 485 J17	A	U3 Mainboard Communication
	B	U3 Mainboard Communication
	GND	GND
USART1 (MCU) J14	5V	
	RX(P3.0)	
	TX(P3.1)	
	GND	
DB9 USART1		
USART3 (232) J12	TX	
	RX	
	GND	
USART3 (232) J13	TX	
	RX	
	GND	

	1	2	3	4	5	6
1P Ticket Roll Reader	OFF	OFF	OFF	OFF	ON	ON
2P Ticket Roll Reader	OFF	OFF	OFF	ON	OFF	OFF
3P Ticket Roll Reader	OFF	OFF	OFF	OFF	ON	ON
4P Ticket Roll Reader	OFF	OFF	OFF	OFF	ON	ON

7.1.3 Testing

Input Test P1

No.	Content	No.	Content	No.	Content	No.	Content
1	1P Prizing Sensor	21	/	41	1P Start Button	61	1/2P Tilt Alarm
2	2P Prizing Sensor	22	/	42	2P Start Button	62	3/4P Tilt Alarm
3	3P Prizing Sensor	23	/	43	3P Start Button	63	1P Settings Button
4	4P Prizing Sensor	24	/	44	4P Start Button	64	1P Service Button
5	Prizing Motor Reset Sensor	25	/	45	1P Moving Motor Reset Sensor	65	1P Reset Button
6	Prize Motor Limit Sensor	26	/	46	1P Moving Motor Limit Sensor	66	1P Test Button
7	L Claw Moving Reset	27	/	47	1P Up&down Motor Reset Sensor	67	2P Settings Button
8	L Claw Moving Limit	28	/	48	1P Up&down Motor Limit Sensor	68	2P Service Button
9	L Claw Up&down Reset	29	1P Coin Signal	49	2P Moving Motor Reset Sensor	69	2P Reset Button
10	L Claw Up&down Limit	30	2P Coin Signal	50	2P Moving Motor Limit Sensor	70	2P Test Button
11	R Claw Moving Reset	31	3P Coin Signal	51	2P Up&down Motor Reset Sensor	71	1P Pushplate Score Sensor
12	R Claw Moving Limit	32	4P Coin Signal	52	2P Up&down Motor Limit Sensor	72	2P Pushplate Score Sensor
13	R Claw Up&down Reset	33	1P Ticket Signal	53	3P Moving Motor Reset Sensor	73	3P Pushplate Score Sensor
14	R Claw Up&down Limit	34	2P Ticket Signal	54	3P Moving Motor Limit Sensor	74	4P Pushplate Score Sensor
15	/	35	3P Ticket Signal	55	3P Up&down Motor Reset Sensor		
16	/	36	4P Ticket Signal	56	3P Up&down Motor Limit Sensor		
17	/	37	1P DBV Signal	57	4P Moving Motor Reset Sensor		
18	/	38	2P DBV Signal	58	4P Moving Motor Limit Sensor		
19	/	39	3P DBV Signal	59	4P Up&down Motor Reset Sensor		
20	/	40	4P DBV Signal	60	4P Up&down Motor Limit Sensor		

Output Test P2

No.	Content	No.	Content	No.	Content	No.	Content	No.	Content
1	Prize Turntable Motor	21	R Claw Moving Outer	41	3P Cabinet Light B	61	1P Start Button Light	81	1P push plate white light
2	Pushplate Motor	22	R Claw Down	42	4P Cabinet Light R	62	2P Start Button Light	82	1P push plate yellow light
3	Top Marquee Motor	23	R Claw Up	43	4P Cabinet Light G	63	3P Start Button Light	83	1P push plate red light
4	Prizing Turntable Motor	24	R Claw Moving Inner	44	4P Cabinet Light B	64	4P Start Button Light	84	2P push plate white light
5	Prizing Turntable Light	25	R Claw Moving Outer	45	1/2P Acrylic Light	65	1P Coin Meter	85	2P push plate yellow light
6	/	26	/	46	3/4P Acrylic Light	66	2P Coin Meter	86	2P push plate red light
7	/	27	/	47	1/2P Control Panel Light	67	3P Coin Meter	87	3P push plate white light
8	/	28	/	48	3/4P Control Panel Light	68	4P Coin Meter	88	3P push plate yellow light
9	Spotlight	29	/	49	1P Claw Prizing Light	69	1P Ticket Meter	89	3P push plate red light
10	Game Area Light	30	/	50	2P Claw Prizing Light	70	2P Ticket Meter	90	4P push plate white light
11	Middle Light	31	/	51	3P Claw Prizing Light	71	3P Ticket Meter	91	4P push plate yellow light
12	L Claw Catch	32	/	52	4P Claw Prizing Light	72	4P Ticket Meter	92	4P push plate red light
13	R Claw Catch	33	1P Cabinet Light R	53	1P Lock Coin	73	1P Pushplate Motor +	93	
14	Prizing Plate Motor Up	34	1P Cabinet Light G	54	2P Lock Coin	74	1P Pushplate Motor -	94	

No.	Content	No.	Content	No.	Content	No.	Content	No.	Content
15	Prizing Plate Motor Down	35	1P Cabinet Light B	55	3P Lock Coin	75	2P Pushplate Motor +	95	
16	L Claw Moving Outer	36	2P Cabinet Light R	56	4P Lock Coin	76	2P Pushplate Motor -	96	
17	L Claw Down	37	2P Cabinet Light G	57	1P Catch Solenoid	77	3P Pushplate Motor +	97	
18	L Claw Up	38	2P Cabinet Light B	58	2P Catch Solenoid	78	3P Pushplate Motor -	98	
19	L Claw Moving Inner	39	3P Cabinet Light R	59	3P Catch Solenoid	79	4P Pushplate Motor +	99	
20	L Claw Moving Outer	40	3P Cabinet Light G	60	4P Catch Solenoid	80	4P Pushplate Motor -	100	

Motor Test P3

Motor Test P3			
No.	Content	No.	Content
1	1P Claw Up	21	3P Catch Solenoid then Release
2	1P Catch Moving Limit	22	4P Claw Up
3	1P Claw Down	23	4P Catch Moving Limit
4	1P Catch Solenoid	24	4P Claw Down
5	1P Claw Up	25	4P Catch Solenoid
6	1P Catch Moving Reset	26	4P Claw Up
7	1P Catch Solenoid then Release	27	4P Catch Moving Reset
8	2P Claw Up	28	4P Catch Solenoid then Release
9	2P Catch Moving Limit	29	
10	2P Claw Down	30	
11	2P Catch Solenoid	31	
12	2P Claw Up	32	
13	2P Catch Moving Reset	33	
14	2P Catch Solenoid then Release	34	
15	3P Claw Up	35	
16	3P Catch Moving Limit	36	
17	3P Claw Down	37	
18	3P Catch Solenoid	38	
19	3P Claw Up	39	
20	3P Catch Moving Reset	40	

Sensor Detecting Test P4

No.	Content	
1	1P Catch Moving Limit Sensor	Press Settings
2	1P Claw Down Sensor	Press Settings
3	1P Claw Up Sensor	Press Settings
4	1P Catch Moving Reset Sensor	Press Settings
5	2P Catch Moving Limit	Press Settings
6	2P Claw Down Sensor	Press Settings
7	2P Claw Up Sensor	Press Settings
8	2P Catch Moving Reset Sensor	Press Settings
9	3P Catch Moving Limit	Press Settings
10	3P Claw Down Sensor	Press Settings
11	3P Claw Up Sensor	Press Settings
12	3P Catch Moving Reset Sensor	Press Settings
13	4P Catch Moving Limit	Press Settings
14	4P Claw Down Sensor	Press Settings
15	4P Claw Up Sensor	Press Settings
16	4P Catch Moving Reset Sensor	Press Settings
17	L Claw Down	Press Settings
18	L Claw Up	Press Settings
19	R Claw Down	Press Settings
20	R Claw Up	Press Settings

7.1.4 Error Code

E01:	Prizing Turntable Down Error
E02:	Prizing Turntable Up Error
E03:	L Claw Moving Outer Error
E04:	L Claw Moving Inner Error
E05:	L Claw Moving Up Error
E06:	L Claw Moving Down Error
E07:	R Claw Moving Outer Error
E08:	R Claw Moving Inner Error
E09:	R Claw Moving Up Error
E10:	R Claw Moving Down Error
E11:	Communication Error Between U3 board &l6 board of 1/2P
E12:	Communication Error Between U3 board &l6 board of 3/4P
E13:	Communication Error Between U3 board &Music Board
E14:	Music board 1P2P Module Recognize Error
E15:	Music board 3P4P Module Recognize Error

Er31	Prizing Plate Position Detect Error
Er32	Moving Motor Reset Error
Er33	Moving Motor Limit Error
Er34	Up&down Motor Reset Error
Er35	Up&down Motor Limit Error
Er36	Communication Error Between U3 board & Ticket Recognize Board
HELP	Out Of Tickets
Er37	Pushplate Reset Error

8. TROUBLESHOOTING

8.1 Common Problem

Please confirm whether every connector connected tightly.

Symptom	Possible Cause	Recommended action
Game will not start	Frame assembly connector is loose.	Plug the connector tightly.
	Frame assembly fault	Contact with UNIS Service.
Power cutting	Circuit protector make power SW in cutting state	Turn on power SW again. If appeared again and again, machine has anomaly. Please contact with UNIS Service.
Game will not coin up	Coin mechanism fault or sample coin not installed.	Change coin mechanism or sample coin.
	Coin mechanism signal cable loose.	Check coin mechanism signal cable loose.
	IO control board no signal.	Change IO board.
No sound	Volume set too low.	Raise the volume.
	Connector loose.	Plug in connector tightly.
	PCB fault.	Change PCB.
	Speaker fault.	Change speaker.
	POT installation error.	Install POT correctly.
	POT fault.	Change POT.
	Audio cable problem.	Reconnect the audio cable or change it.
	Driver problem	Restart the audio driver.

If you see following error signs showing on the display, please try the recommended action.

Display	Problem	Possible Cause	Recommended action
E01:	Prizing Turntable Down Error	Prizing Turntable motor connector is loose.	Check and reconnect connectors.
		Prizing Turntable motor is faulty.	Replace Prizing Turntable motor.
E02:	Prizing Turntable Up Error	Prizing Turntable motor connector is loose.	Check and reconnect connectors.
		Prizing Turntable motor is faulty.	Replace Prizing Turntable motor.
E03:	L Crane Moving Outer Error	L Crane motor/sensor connector is loose	Check and reconnect connectors.
		L Crane motor/sensor is faulty.	Replace L Crane motor/sensor
E04:	L Crane Moving Inner Error	L Crane motor/sensor connector is loose	Check and reconnect connectors.
		L Crane motor/sensor is faulty.	Replace L Crane motor/sensor
E05:	L Crane Moving Up Error	L Crane motor/sensor connector is loose	Check and reconnect connectors.
		L Crane motor/sensor is faulty.	Replace L Crane motor/sensor
E06:	L Crane Moving Down Error	L Crane motor/sensor connector is loose	Check and reconnect connectors.
		L Crane motor/sensor is faulty.	Replace L Crane motor/sensor
E07:	R Crane Moving Outer Error	R Crane motor/sensor connector is loose	Check and reconnect connectors.
		R Crane motor/sensor is faulty.	Replace R Crane motor/sensor
E08:	R Crane Moving Inner Error	R Crane motor/sensor connector is loose	Check and reconnect connectors.
		R Crane motor/sensor is faulty.	Replace R Crane motor/sensor
E09:	R Crane Moving Up Error	R Crane motor/sensor connector is loose	Check and reconnect connectors.
		R Crane motor/sensor is faulty.	Replace R Crane motor/sensor
E10:	R Crane Moving Down Error	R Crane motor/sensor connector is loose	Check and reconnect connectors.
		R Crane motor/sensor is faulty.	Replace R Crane motor/sensor

Display	Problem	Possible Cause	Recommended action
E11:	Communication Error Between U3 board & I6 board of 1/2P	Connector is loose.	Check and reconnect connectors.
		U3 board/I6 board is faulty.	Replace U3 board/I6 board
E12:	Communication Error Between U3 board & I6 board of 3/4P	Connector is loose.	Check and reconnect connectors.
		U3 board/I6 board is faulty.	Replace U3 board/I6 board
E13:	Communication Error Between U3 board & Music Board	Connector is loose.	Check and reconnect connectors.
		U3 board/Music board is faulty.	Replace U3 board/Music board
E14:	Music board 1P2P Module Recognize Error	Connector is loose.	Check and reconnect connectors.
		Music board is faulty.	Replace Music board
E15:	Music board 3P4P Module Recognize Error	Connector is loose.	Check and reconnect connectors.
		Music board is faulty.	Replace Music board
Er31	Prizing Plate Position Detect Error	Detect board is faulty.	Replace Detect board.
		Prizing Turntable motor is faulty.	Replace Prizing Turntable motor.
		Prizing Turntable connector is loose.	Check and reconnect connectors.
Er32	Moving Motor Reset Error	Detect board is faulty.	Replace Detect board.
		Crane motor is faulty.	Replace Crane motor .
		Connector is loose.	Check and reconnect connectors.
Er33	Moving Motor Limit Error	Detect board is faulty.	Replace Detect board.
		Crane motor is faulty.	Replace Crane motor .
		Connector is loose.	Check and reconnect connectors.
Er34	Up&down Motor Reset Error	Detect board is faulty.	Replace Detect board.
		Crane motor is faulty.	Replace Crane motor .
		Connector is loose.	Check and reconnect connectors.
Er35	Up&down Motor Limit Error	Detect board is faulty.	Replace Detect board.
		Crane motor is faulty.	Replace Crane motor .
		Connector is loose.	Check and reconnect connectors.
Er36	Communication Error Between U3 board & Ticket Recognize Board	Connector is loose.	Check and reconnect connectors.
		Detect board is faulty.	Replace Detect board.

Display	Problem	Possible Cause	Recommended action
Er37	Pushplate Reset Error	Push plate can't detect/can't back to the initial position.	SW is faulty.
			Check SW connector or install SW not on the correct position.
		Push plate cable are loose.	Check and reconnect the loose ports of the communication cable or power cable.
		If Push plate does not move when power on.	Reconnect motor connector
			Check and clean the Push plate jammed thing.
			Motor is faulty.
HELP	Out Of Tickets	U3 board is faulty.	Replace U3 board
		Out of tickets.	Refill tickets.
		Tickets jammed.	Remove jammed tickets.

9.MAINTENANCE & INSPECTION

9.1 Safety Check

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

1. Test 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 maintain proper operation.

9.2 Handling Precautions

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

Inappropriate handling running counter to the cautionary matters can cause personal injury or damage to the machine.

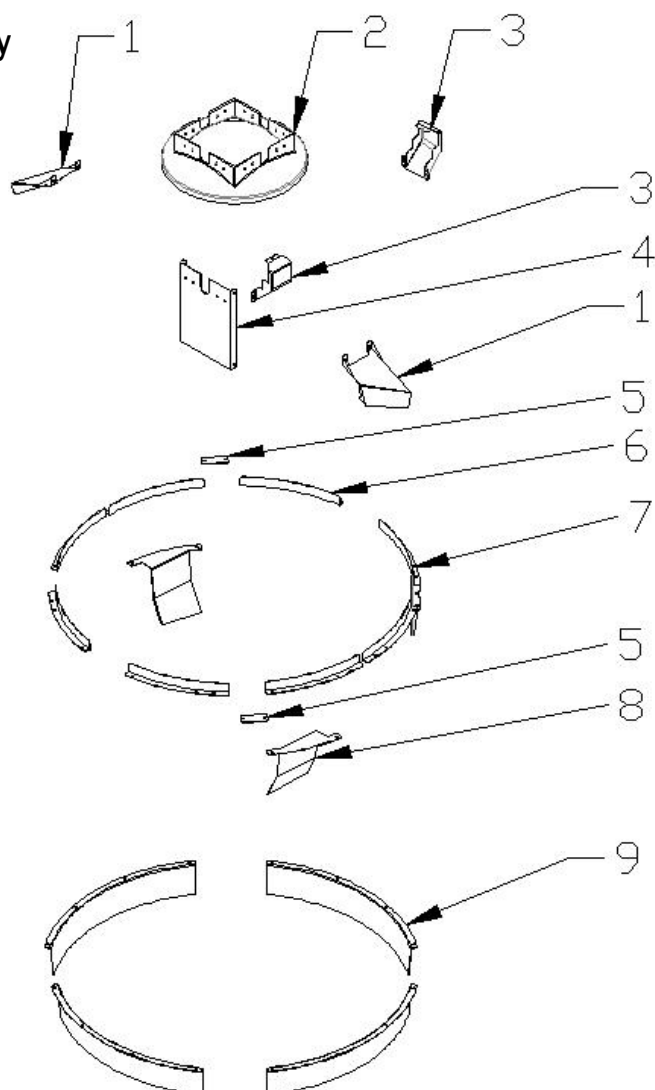


NOTICE

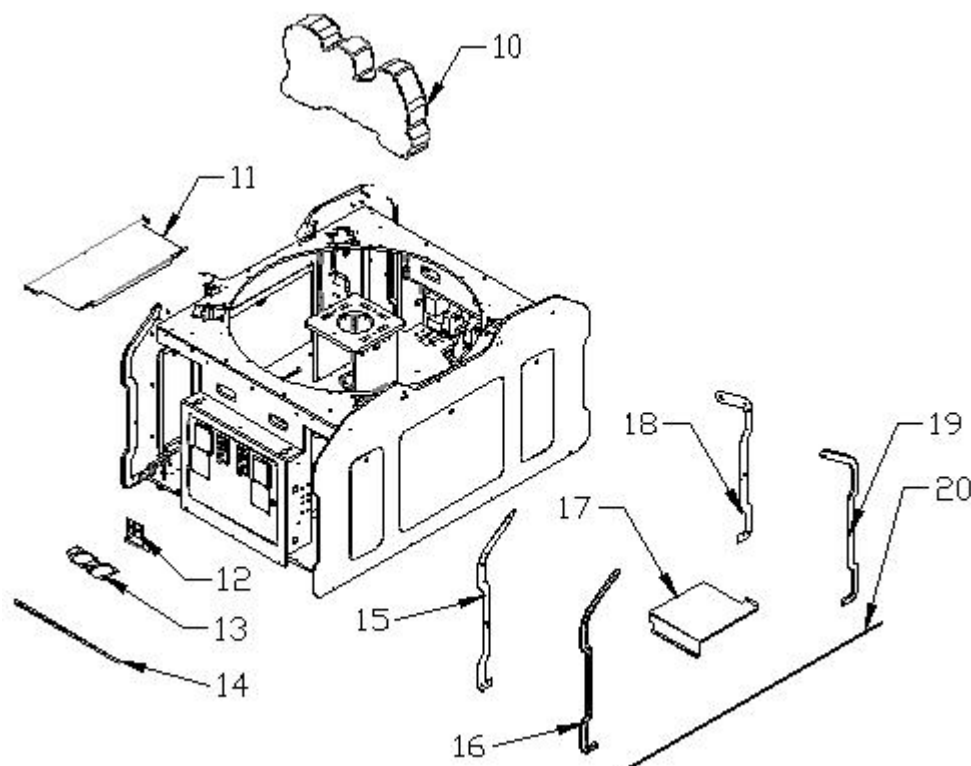
We do not recommend using power tools as they may cause damage.

10. OVERALL CONSTRUCTION

10.1 Overall Assembly

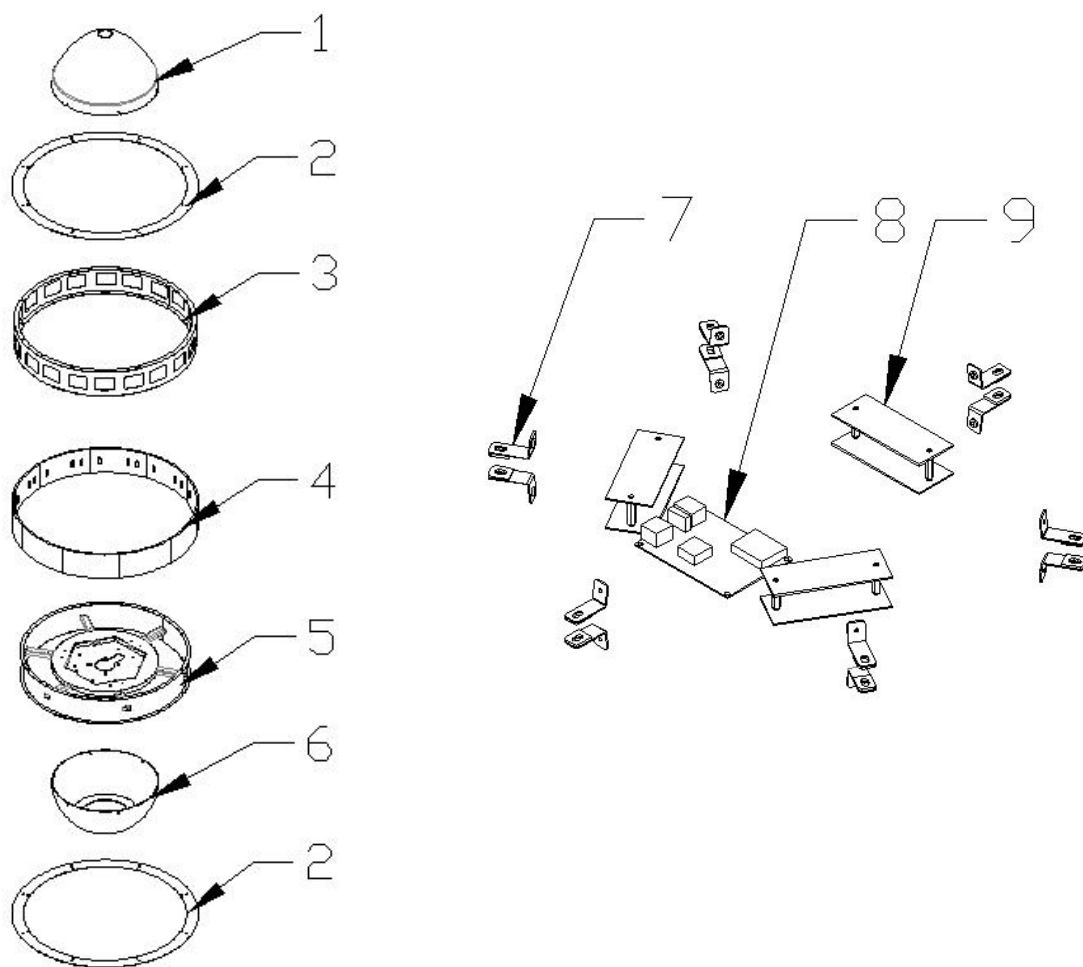


No.	Part No.	Code No.	Name	Version	Qty
1	D178-1501-00	202.2.2312.150	Ticket turnover plate	1.1	2
2	D178-0218-00	206.2.2312.005	Mid column bottom cover	1.1	1
3	D178-0514-00	202.2.2312.059	Wiring cover	1.1	1
4	D178-0010-00	202.2.2312.145	Mid column plate	1.1	1
5	D178-0458-00	202.2.2312.098	Claw mech. base blanking plate	1.1	6
6	D178-1503-00	202.2.2312.171	Ticket L blanking plate	1.1	4
7	D178-1504-00	202.2.2312.172	Ticket R blanking plate	1.1	4
8	D178-1501-00	202.2.2312.150	Ticket turnover plate	1.1	1
9	D178-0217-00	206.2.2312.004	Turntable moulding	1.1	4



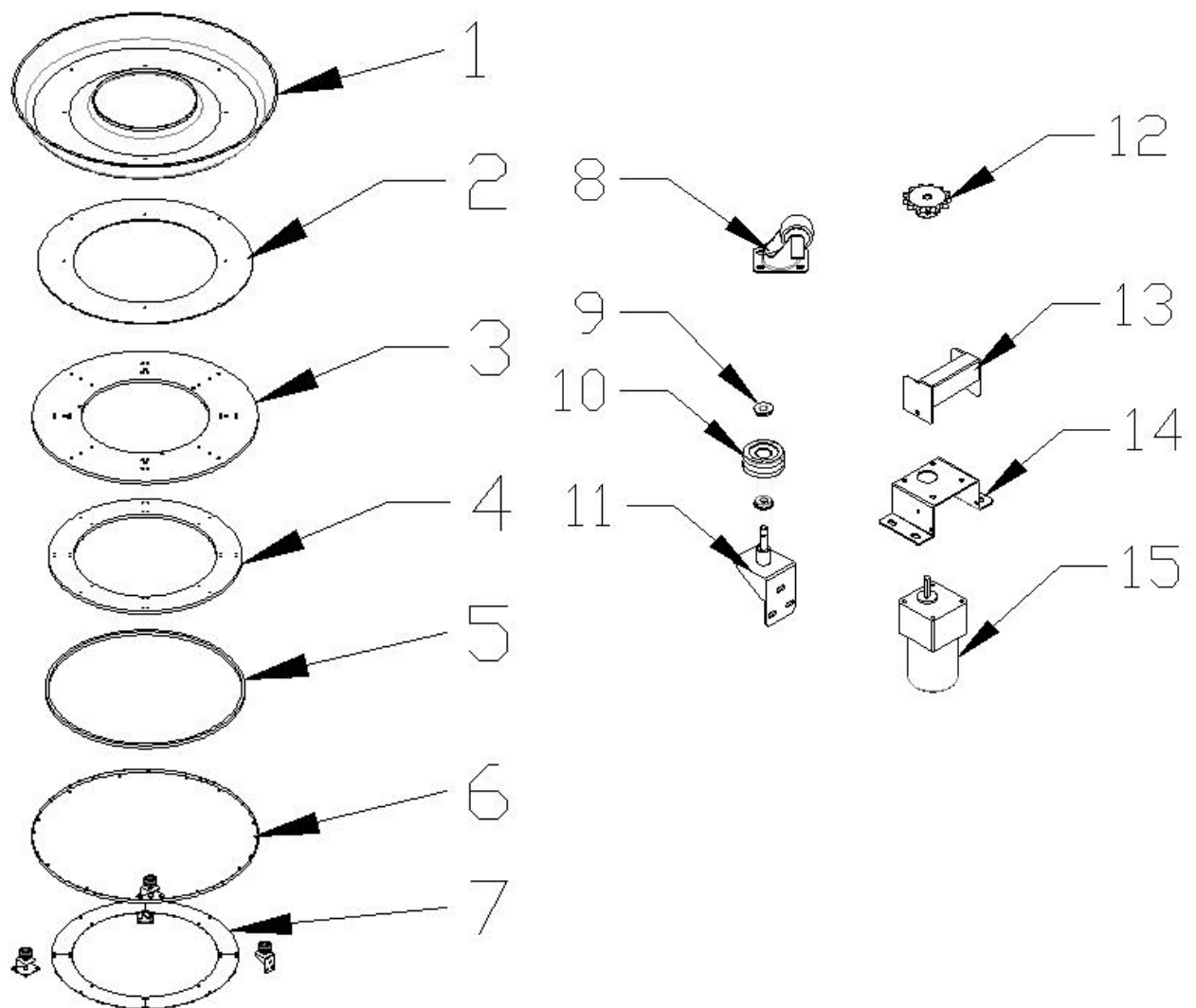
No.	Part No.	Code No.	Name	Version	Qty
10	D178-0012-00	299.2.2312.001	Top rotating marquee	1.1	1
11	D178-0023-01	206.2.2312.036A	L electrical cover	1.1	1
12	D178-0005-00	202.2.2312.047	Counter bracket	1.1	2
13	D178-0001-00	202.2.2312.048	Coin-in tube plate	1.1	4
14	D178-0017-00	202.2.2312.046	Front plate	1.1	2
15	D178-0020-00	202.2.2312.050	R side light plastic fixing plate	1.1	2
16	D178-0021-00	206.2.2312.021	R side board upper light plastic	1.1	2
	D178-0022-00	206.2.2312.022	R side board bottom light plastic	1.1	2
17	D178-0024-00	206.2.2312.037	R electrical cover	1.1	1
18	D178-0014-00	202.2.2312.049	L side light plastic fixing plate	1.1	2
19	D178-0015-00	206.2.2312.019	L side board upper light plastic	1.1	2
	D178-0016-00	206.2.2312.020	L side board bottom light plastic	1.1	2
20	D178-0013-00	202.2.2312.045	Side board L&R plate	1.1	2

10.2 Loops Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	D178-1943-00	206.2.2312.017	Dragon egg upper acrylic	1.1	1
2	D178-1001-00	202.2.2312.140	Loops up&down fixing plate	1.1	1
3	D178-1004-00	202.2.2312.139	Loops fixing plate	1.1	1
4	D178-2081-00	2.17.14.000276	Display pitch	1.1	10
5	D178-1004-00	202.2.2312.139	Loops fixing bracket	1.1	1
6	D178-1942-00	206.2.2312.016	Dragon egg bottom acrylic	1.1	1
7	D178-1003-00	202.2.2312.141	Dragon egg fixing corner	1.1	12
8	D178-2080-00	2.21.1.000056	Loops controller	1.1	1
9	D178-2047-00	2.17.04.000286	100 light board	1.1	1
	D178-1005-00	201.08.02.2233	Hexagon cu column	1.1	6

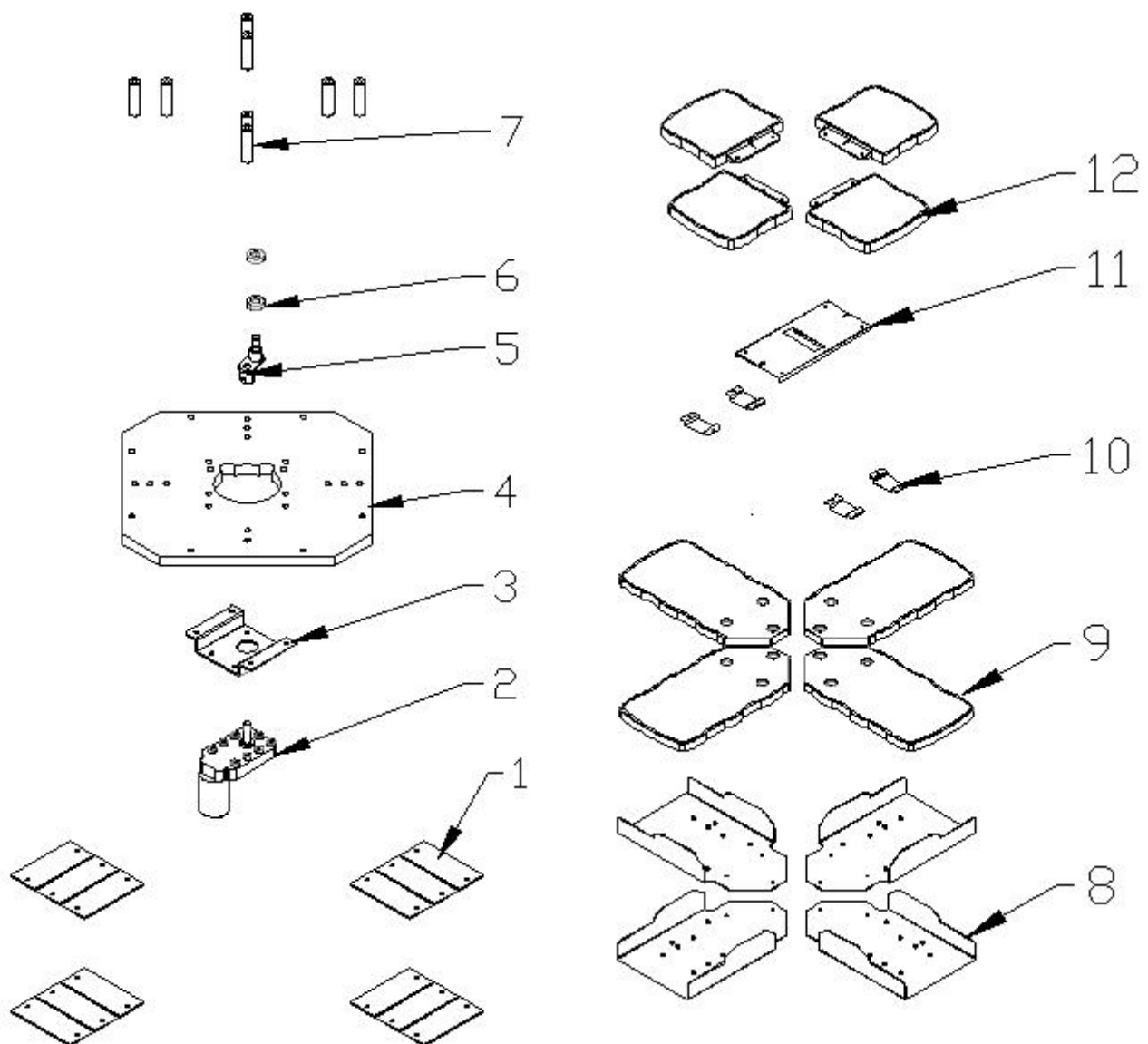
10.3 Prize Roll Turntable Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	D178-0215-00	206.2.2312.003	Bottom prize plate moulding	1.1	1
2	D178-0216-00	203.2.2312.021	Bottom prize base plate	1.1	1
3	D178-0202-00	203.2.2312.019	Prize turntable	1.1	1
4	D178-0205-00	203.2.2312.020	Prize plate inner board	1.1	1
5	D178-0203-00	2.63.02.030005	Chain	1.1	1
6	D178-0201-00	202.2.2312.055	Wooden plate	1.1	1
7	D178-0206-00	202.2.2312.054	Wheel plate	1.1	4
8	D178-0207-00	2.55.01.000135	1.5" caster	1.1	4

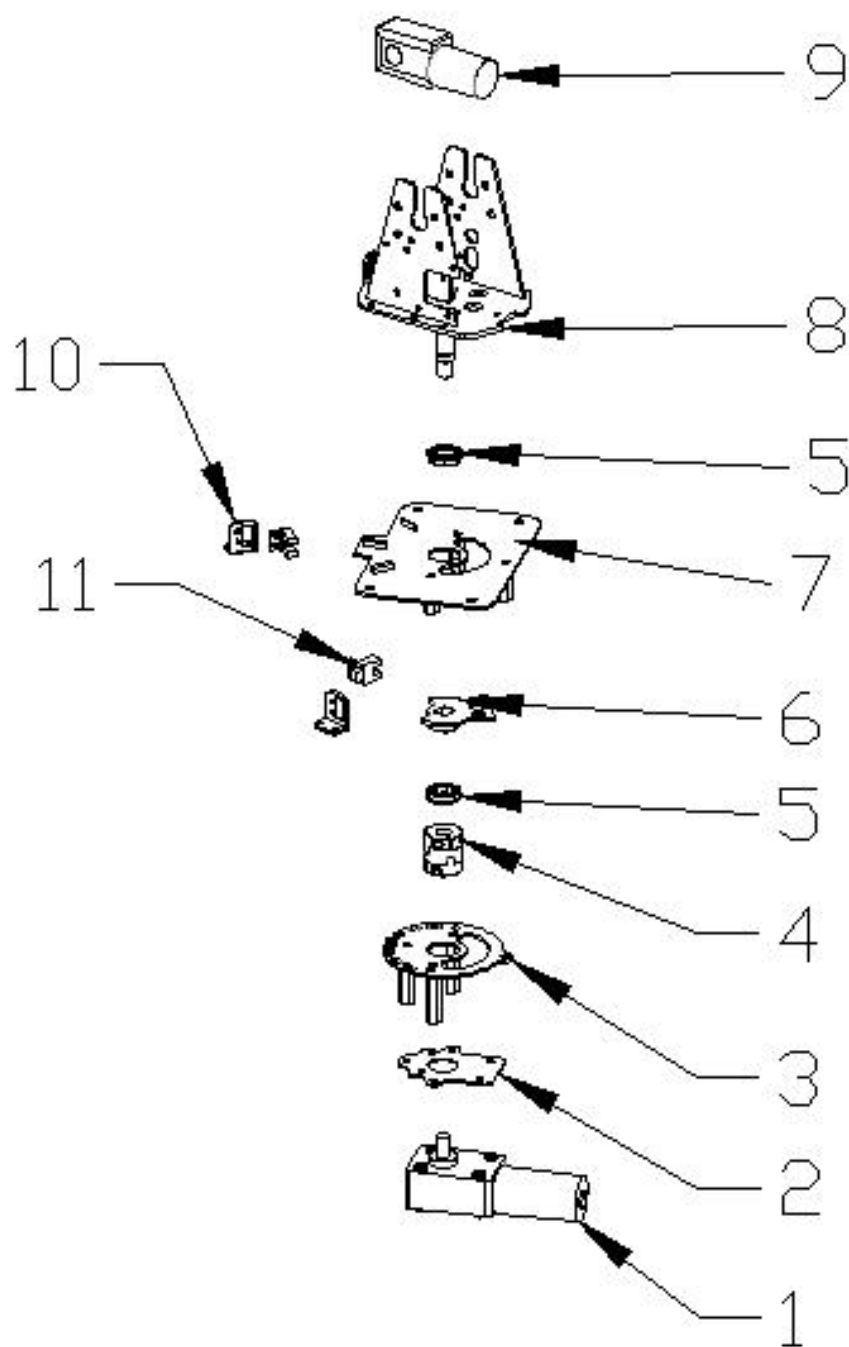
No.	Part No.	Code No.	Name	Version	Qty
9	D178-0213-00	201.06.002026	Bearing	1.1	8
10	D178-0212-00	206.4.1833.043	Wheel	1.1	4
11	D178-0211-00	202.2.2312.051	idle wheel fixing shaft	1.1	4
12	D178-0210-00	202.2.2312.002	Prize turning driving wheel	1.1	1
13	D178-0214-00	202.2.2312.053	Chain wheel cover	1.1	1
14	D178-0208-00	202.2.2312.052	Bottom turntable motor fixing plate	1.1	1
15	D178-0209-00	2.34.04.000236	DC motor	1.1	1

10.4 Push Plate Assembly

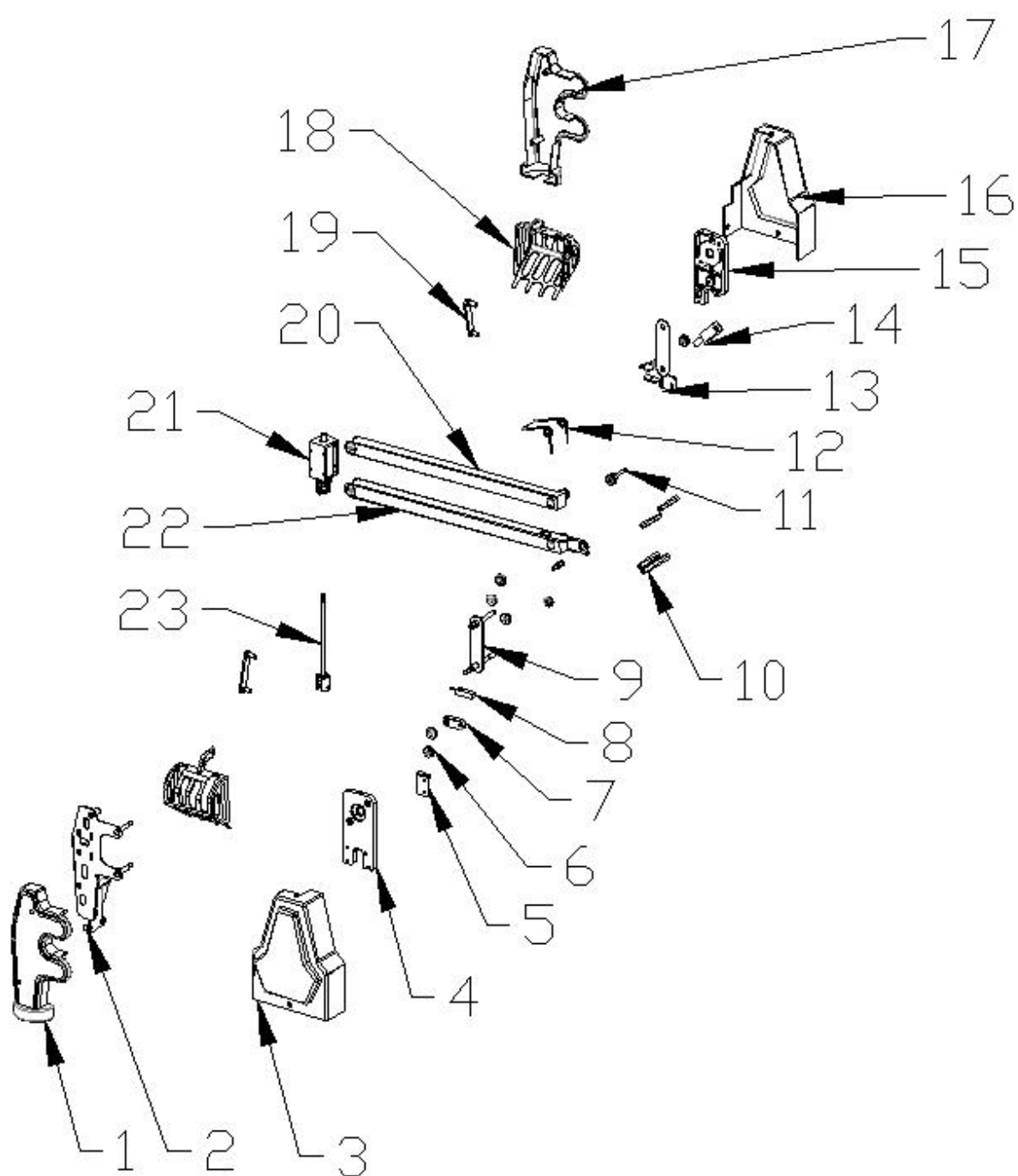


No.	Part No.	Code No.	Name	Version	Qty
1	D178-2046-00	2.17.04.000258	100 light board	1.1	4
2	D178-0209-00	2.34.04.000236	DC motor	1.1	1
3	D178-0507-00	202.2.2312.057	Pusher motor fixing plate	1.1	1
4	D178-0513-00	203.2.2312.022	Long push plate fixing board	1.1	1
5	D178-0510-00	202.2.2312.058	Pusher motor shaft	1.1	1
6	D178-0511-00	201.06.000088	Bearing	1.1	2
7	D178-0505-00	202.2.08.28A.020	Shaft sleeve	1.1	8
8	D178-0506-01	202.2.2312.196	Pusher side plate	1.1	4
9	D178-0501-01	202.2.2312.195	Long push plate	1.1	4
10	D178-0508-00	202.2.2312.008	Rubber mounting plate	1.1	8
11	D178-0503-00	202.2.2312.007	Short push connect plate	1.1	2
12	D178-0502-00	206.2.08.28A.011	Short push plate	1.1	4

10.5 Claw Assembly

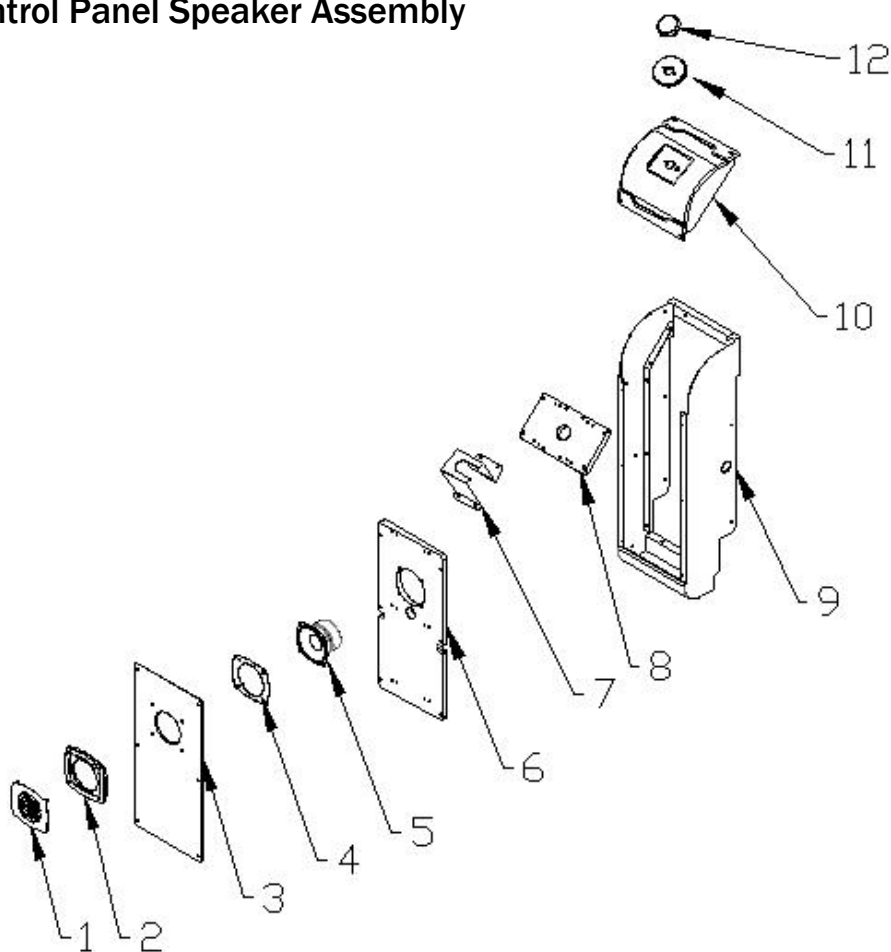


No.	Part No.	Code No.	Name	Version	Qty
1	D178-0401-00	2.34.04.010110	DC motor	1.1	1
2	D178-0403-00	202.2.2312.075	L&R turning motor fixing plate	1.1	1
3	D178-0406-00	202.2.2312.074	Claw bearing bottom fixing plate	1.1	1
	D178-0407-00	201.08.02.2233	Hexagon cu column	1.1	3
4	D178-0417-00	201.17.000510	Coupler	1.1	1
5	D178-0426-00	201.06.002027	Bearing	1.1	2
6	D178-0413-00	202.2.2312.076	L&R turning sensor detect plate	1.1	1
	D178-1101-00	202.2.2312.144	L&R turning sensor detect plate(R mech.)	1.1	1
7	D178-0408-00	202.2.2312.073	Claw mech plate	1.1	1
8	D178-0425-00	202.2.2312.077	Turning bracket	1.1	1
9	D178-0449-00	2.34.04.010109	DC motor	1.1	1
10	D178-0416-00	202.2.2312.096	X axle sensor fixing plate	1.1	2
11	D178-2061-00	2.15.03.000113	Sensor SW	1.1	2



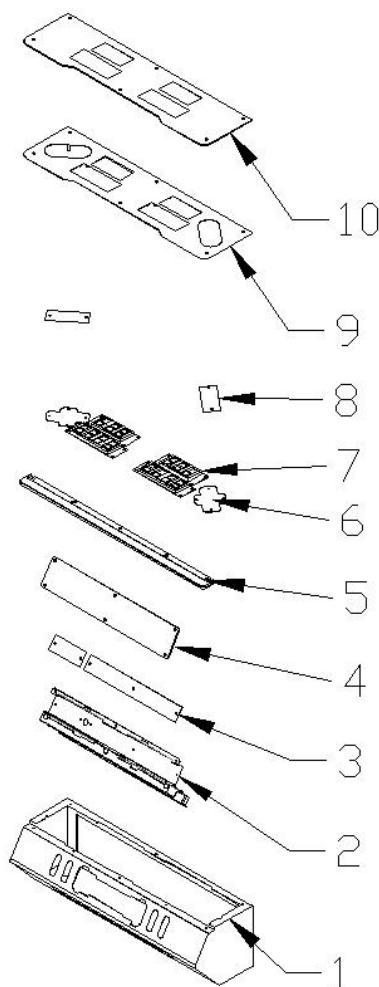
No.	Part No.	Code No.	Name	Version	Qty
1	D178-0455-00	206.2.2312.010	Claw R cover	1.1	1
2	D178-0434-00	202.2.2312.085	Solenoid fixing plate	1.1	1
3	D178-0452-00	206.2.2312.008	Claw mech. base R cover	1.1	1
4	D178-0418-00	202.2.2312.079	Turning bracket R upper plate	1.1	1
5	D178-0450-00	202.2.2312.164	Bottom pin	1.1	2
6	D178-0430-00	201.06.002031	Bearing	1.1	13
7	D178-0445-00	202.2.2312.091	Motor turning block	1.1	1
8	D178-2062-00	2.15.03.000114	Receiver SW	1.1	1
9	D178-0420-00	202.2.2312.081	Arm driven plate	1.1	1
10	D178-0404-00	201.08.02.2234	Hexagon cu column	1.1	6
	D178-0422-00	201.08.02.2235	Hexagon cu column	1.1	1
11	D178-0446-00	201.06.08.0504	Bearing	1.1	1
12	D178-0419-01	202.2.2312.095A	Arm spring	1.1	1
13	D178-0411-00	202.2.2312.089	Bottom switch fixing plate	1.1	1
14	D178-0442-00	202.2.2312.092	Connect rod block	1.1	1
15	D178-0424-00	202.2.2312.078	Turning bracket L upper plate	1.1	1
16	D178-0451-00	206.2.2312.007	Claw mech. base L cover	1.1	1
17	D178-0456-00	206.2.2312.009	Claw L cover	1.1	1
18	D178-0441-00	202.2.2312.149	Claw hopper	1.1	2
19	D178-0439-00	202.2.2312.087	Claw hopper connect rod	1.1	2
20	D178-0433-00	202.2.2312.084	Driven arm	1.1	1
21	D178-0435-00	2.35.01.050009	Solenoid	1.1	1
22	D178-0431-00	202.2.2312.083	Driving arm	1.1	1
23	D178-0436-00	202.2.2312.086	Claw hopper rod	1.1	1

10.6 Control Panel Speaker Assembly



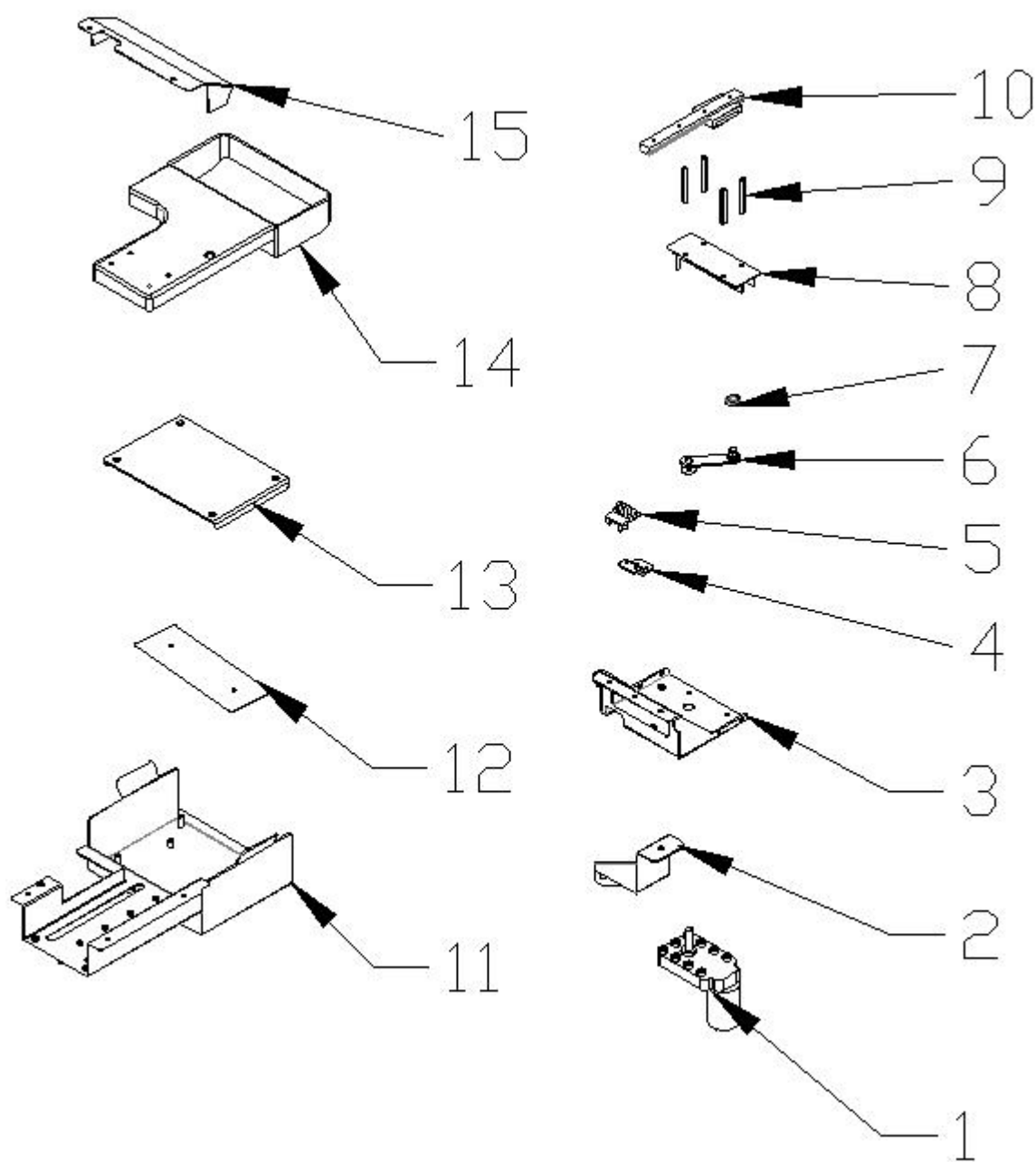
No.	Part No.	Code No.	Name	Version	Qty
1	D178-1919-00	205.2.2312.012	Speaker PVC	1.1	1
2	D178-1304-00	206.2.2312.024	Speaker light plastic	1.1	1
3	D178-1303-00	206.2.2312.025	Control panel side light plastic	1.1	1
4	D178-1309-00	202.2.2312.167	Speaker fixing plate	1.1	1
5	D178-2065-00	2.28.01.000005	Speaker	1.1	1
6	D178-1308-00	203.2.2312.023	Light strip front board	1.1	1
7	D178-1310-00	202.2.2312.104	Button support plate	1.1	1
8	D178-1311-00	203.2.2312.024	Light strip upper board	1.1	1
9	D178-1301-00	202.2.2312.102	Control panel speaker L arc plate	1.1	1
10	D178-1306-00	206.2.2312.011	Control panel side arc plastic	1.1	6
11	D178-1307-00	206.2.2312.041	Button light plastic	1.1	1
12	D178-2066-00	2.24.01.300005	Button	1.1	1

10.7 Control Panel Assembly



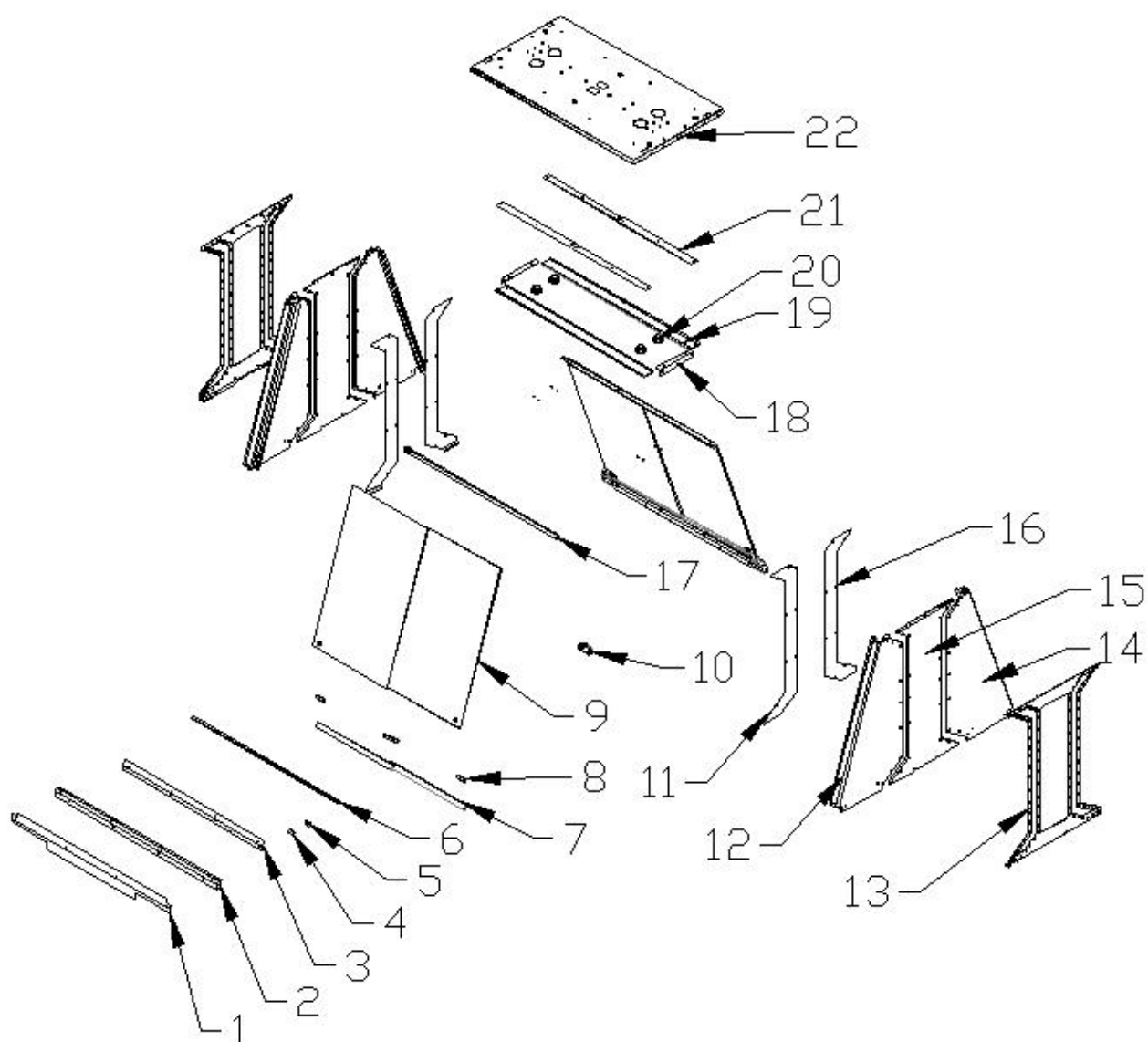
No.	Part No.	Code No.	Name	Version	Qty
1	D178-1401-00	202.2.2312.106	Control panel bracket	1.1	1
2	D178-1403-00	202.2.2312.108	Control panel light fixing plate	1.1	1
3	D178-2068-00	2.17.04.000259	300 light board	1.1	1
	D178-2046-00	2.17.04.000258	100 light board	1.1	1
4	D178-1914-00	205.2.2312.007	Control panel front plastic	1.1	1
5	D178-1402-00	206.2.2312.026	Control panel light plastic	1.1	1
6	D178-1404-00	202.2.2312.109	Dragon light fixing plate	1.1	1
7	D178-2069-00	297.9.2212006	Display board	1.1	1
8	D178-2047-00	2.17.04.000286	100 light board	1.1	1
9	D178-1405-00	202.2.2312.107	Control panel decal plate	1.1	1
10	D178-1913-00	205.2.2312.006	Control panel plastic	1.1	1

10.8 Detect Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	D178-0309-00	2.34.04.010074	Motor(12V20RPM)	1.1	1
2	D178-1203-00	202.2.2312.170	Detect push plate motor R plate	1.1	1
	D178-0311-00	202.2.2312.169	Detect push plate motor L plate	1.1	1
3	D178-1201-00	202.2.2312.161	R RFID pusher motor fixing plate	1.1	1
	D178-0301-00	202.2.2312.155	L RFID pusher motor fixing plate	1.1	1
4	D178-0316-00	202.2.2312.158	RFID pusher sensor fixing plate	1.1	1
5	D178-2050-00	297.9.2010002	Sensor board	1.1	1
6	D178-0304-00	202.2.2312.157	Ticket pusher motor shaft	1.1	1
7	D178-0302-00	201.06.002034	Bearing	1.1	1
8	D178-0317-00	202.2.2312.154	L block plate	1.1	1
	D178-1206-00	202.2.2312.160	R block plate	1.1	1
9	D178-0319-00	201.08.02.2237	Hexagon cu column	1.1	4
10	D178-0306-00	2.51.05.020034	Rail	1.1	1
11	D178-0313-00	202.2.2312.153	RFID L bottom plate	1.1	1
	D178-1205-00	202.2.2312.159	RFID R bottom plate	1.1	1
12	D178-2041-00	2.23.06000042	RFID	1.1	1
13	D178-0314-00	206.2.2312.044	Ticket RFID upper plate	1.1	1
14	D178-0310-00	206.2.2312.042	L ticket hopper	1.1	1
	D178-1202-00	206.2.2312.043	R ticket hopper	1.1	1
15	D178-0312-00	202.2.2312.156	L RFID shading slanting plate	1.1	1
	D178-1204-00	202.2.2312.162	R RFID shading slanting plate	1.1	1

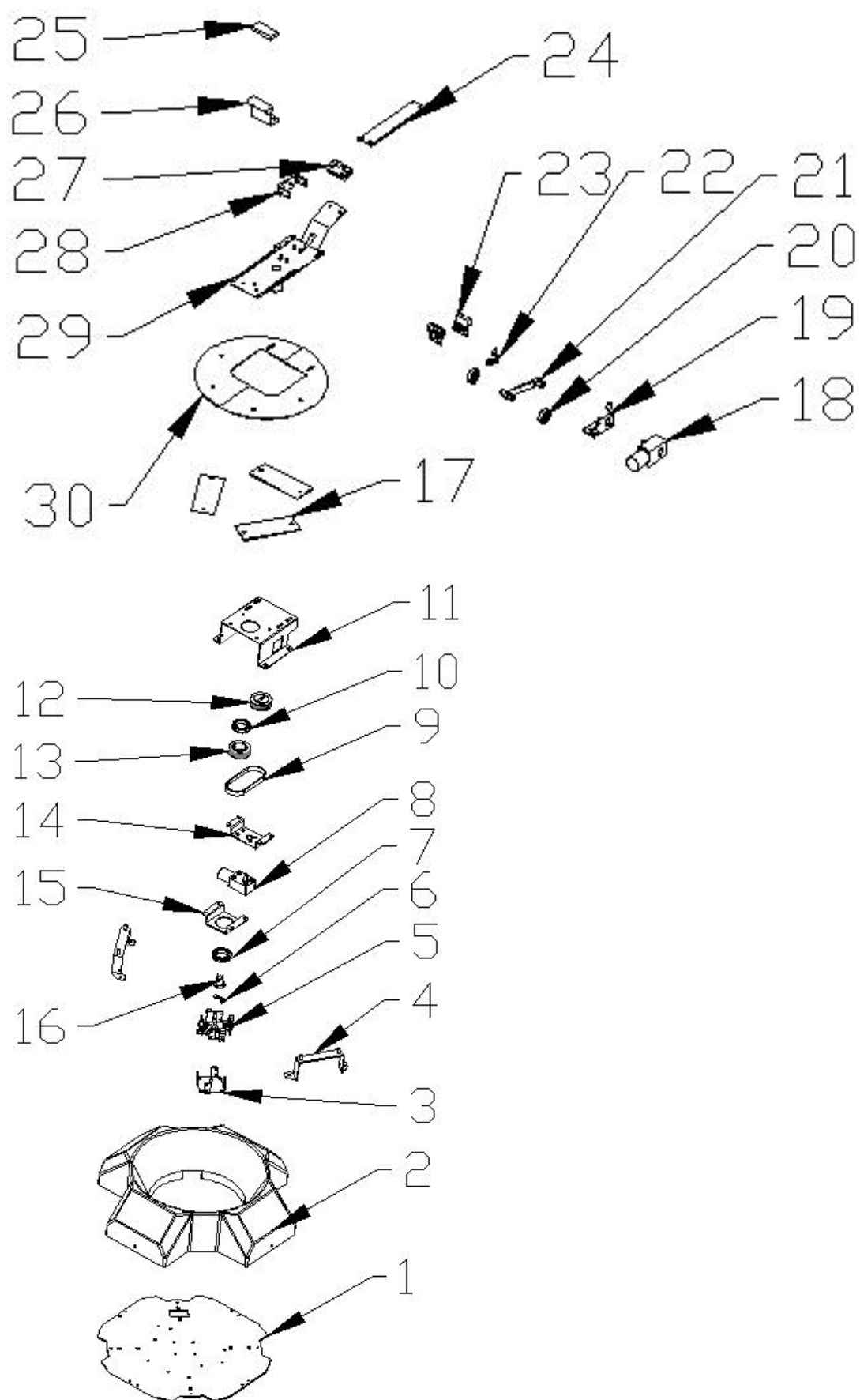
10.9 Middle Frame Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	D178-0801-00	202.2.2312.115	Glass outer block plate	1.1	2
2	D178-0812-00	202.2.2312.114	Glass slot bottom plate	1.1	2
3	D178-0813-00	202.2.2312.116	Glass inner block plate	1.1	2
4	D178-0802-00	202.2.2312.118	Door frame outer strengthen plate	1.1	8
5	D178-0825-00	202.2.2312.117	Door frame strengthen plate	1.1	8
6	D178-0815-00	202.2.2312.125	Glass door bottom track	1.1	2
7	D178-0817-00	202.2.2312.127	Glass door mid track	1.1	4
8	D178-0818-00	201.06.10.0206	Bearing set	1.1	4

9	D178-0811-00	206.2.2312.030A	R glass	1.1	2
	D178-0803-00	206.2.2312.029A	L glass	1.1	2
	D178-0804-00	2.53.00000010	Pressing lock	1.1	4
10	D178-0805-00	202.2.2312.119	Glass lock strengthen plate	1.1	4
11	D178-0820-00	202.2.2312.111	Front side shading plate	1.1	2
12	D178-0810-00	206.2.2312.028	R front door plastic	1.1	1
13	D178-0808-00	202.2.2312.110	Side bracket	1.1	2
14	D178-0807-00	206.2.2312.027	L front door plastic	1.1	2
15	D178-0821-00	206.2.2312.031	Side plastic	1.1	2
16	D178-0822-00	202.2.2312.112	Back side wiring shade plate	1.1	2
17	D178-0824-00	202.2.2312.126	Glass door upper track	1.1	2
18	D178-0826-00	202.2.2312.124	Side strengthen plate	1.1	2
19	D178-0823-00	206.2.2312.032	Light board cover	1.1	2
20	D178-2072-00	2.20.04.000047	85mm white light	1.1	4
21	D178-2073-00	2.17.04.000260	500 light board	1.1	4
22	D178-0809-00	202.2.2312.113	Upper connect beam	1.1	1

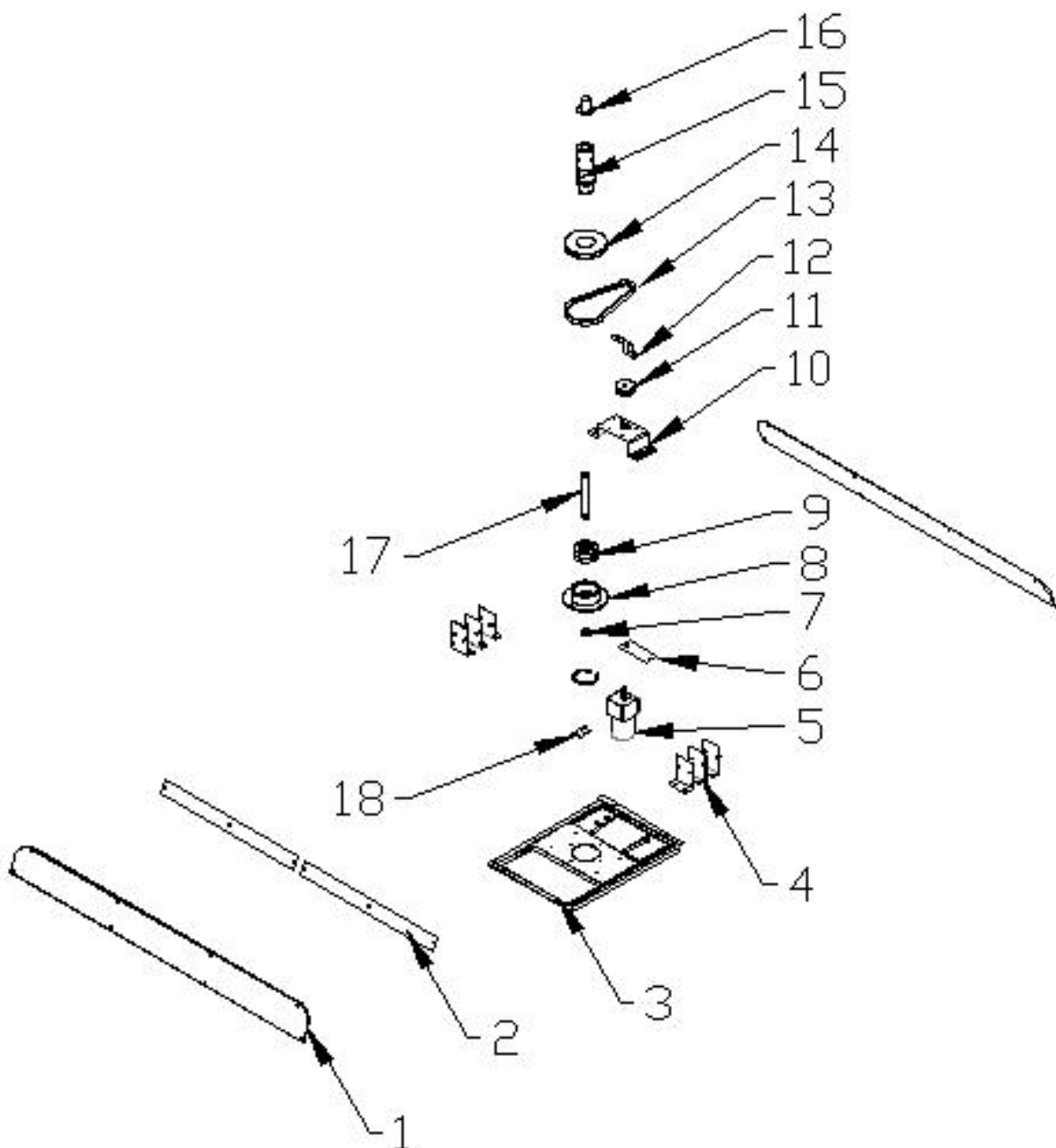
10.10 Bonus Turntable Assembly



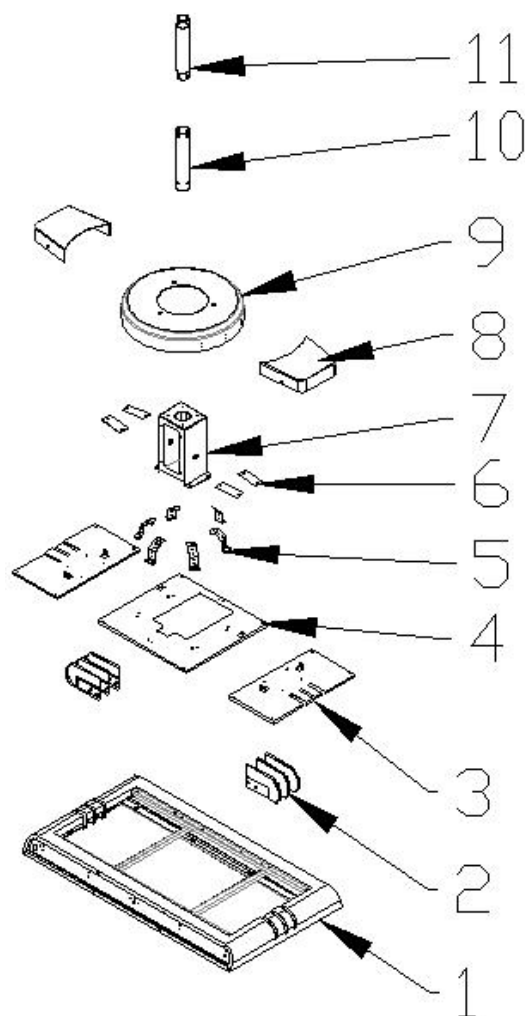
No.	Part No.	Code No.	Name	Version	Qty
1	D178-0627-00	202.2.2312.070	Turntable plate	1.1	1
2	D178-0616-00	206.2.2312.006	Prize turntable cover	1.1	1
3	D178-0608-00	202.2.2312.061	Turntable bottom sensor fixing plate	1.1	2
4	D178-0617-00	202.2.2312.072	Turntable light plastic plate	1.1	2
5	D178-2050-00	297.9.2010002	Sensor board	1.1	6
6	D178-0609-00	202.2.2312.062	Turntable bottom sensor plate	1.1	1
7	D178-0620-00	201.06.002011	Bearing	1.1	1
8	D178-0449-00	2.34.04.010109	DC motor	1.1	1
9	D178-0612-00	2.65.04.000135	Synchronous belt	1.1	1
10	D178-0620-00	201.06.002011	Bearing	1.1	2
11	D178-0625-00	202.2.2312.060	Turntable base plate	1.1	2
12	D178-0611-00	2.65.08.090007	Synchronous wheel	1.1	1
13	D178-0607-00	2.65.08.090008	Synchronous wheel	1.1	1
14	D178-0619-00	202.2.2312.071	Turntable motor fixing plate	1.1	1
15	D178-0618-00	202.2.2312.013	Mid prize plate bearing bottom plate	1.1	1
16	D178-2059-00	2.16.08.000013	Slip ring	1.1	1
17	D178-2046-00	2.17.04.000258	100 light board	1.1	2
18	D178-0610-00	2.34.04.010123	DC motor	1.1	1
19	D178-0621-00	202.2.2312.064	Lifting motor fixing plate	1.1	1
20	D178-0604-00	201.06.000021	Bearing	1.1	2
21	D178-0603-00	202.2.2312.065	Lifting motor shaft	1.1	1
22	D178-0613-00	202.2.2312.066	Lifting sensor detect plate	1.1	1
23	D178-2050-00	297.9.2010002	Sensor board	1.1	1
24	D178-0614-00	202.2.2312.067	Lifting track slot	1.1	1
25	D178-0602-00	206.2.2312.001	Mid prize plate support pad	1.1	1
26	D178-0601-00	202.2.2312.068	Turntable support plate	1.1	1

No.	Part No.	Code No.	Name	Version	Qty
27	D178-0615-00	2.63.00.020034	Hinge	1.1	1
28	D178-0624-00	202.2.2312.069	Turntable sensor fixing plate	1.1	1
29	D178-0606-00	202.2.2312.063	Turntable shaft	1.1	1
30	D178-0628-00	206.2.2312.045	Scrub plate	1.1	1

10.11 Top Marquee Assembly

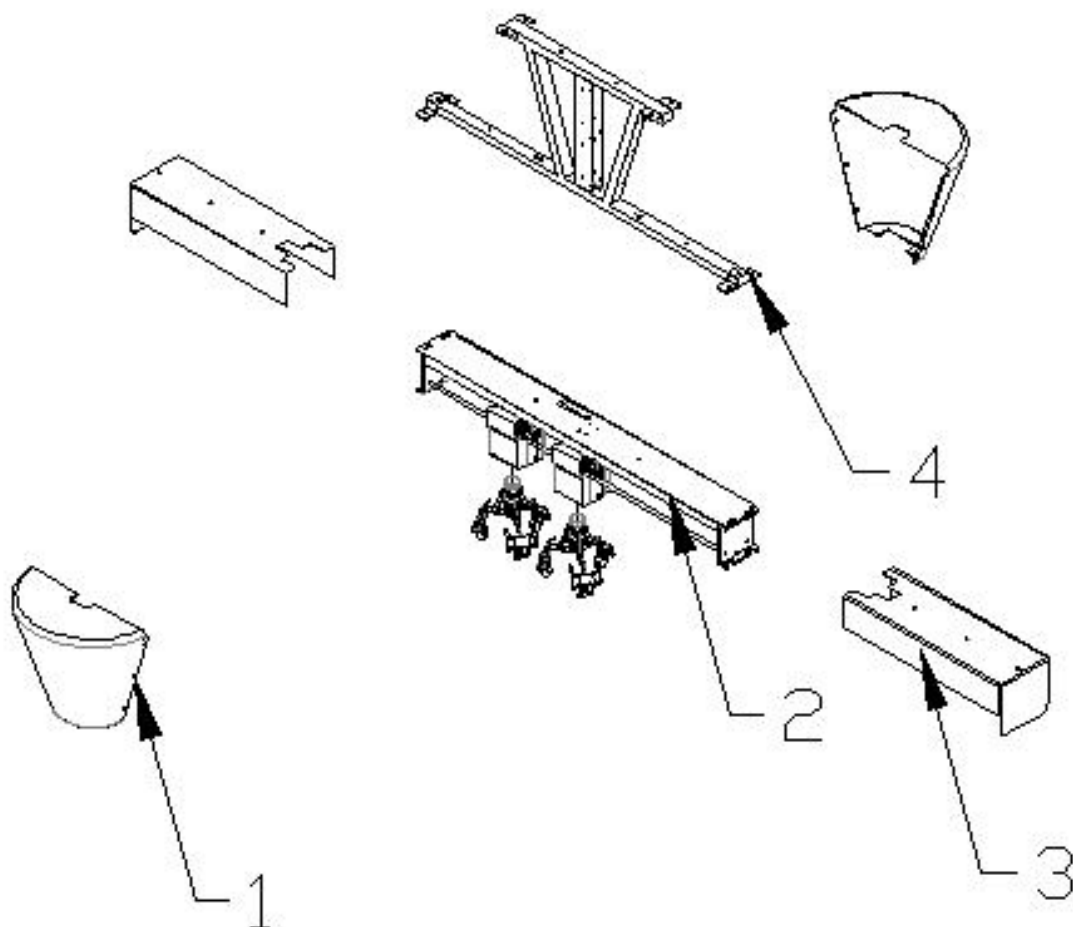


No.	Part No.	Code No.	Name	Version	Qty
1	D178-1917-00	205.2.2312.010	Side board decal	1.1	2
2	D178-2073-00	2.17.04.000260	500 light board	1.1	2
3	D178-0907-00	202.2.2312.135	Marquee bracket	1.1	1
4	D178-0922-00	202.2.2312.131	Side decoration light plastic plate	1.1	6
5	D178-0209-00	2.34.04.000236	DC motor	1.1	1
6	D178-2047-00	2.17.04.000286	100 light board	1.1	1
7	D178-0913-00	201.06.000090	Bearing	1.1	1
8	D178-0909-00	202.1.1701.023A	Marquee bearing fixing plate	1.1	1
9	D178-0924-00	201.06.000176	Bearing	1.1	2
10	D178-0923-00	202.2.2312.168	Rotating motor fixing plate	1.1	1
11	D178-0920-00	202.1.1701.042A	Triangle pulley	1.1	1
12	D178-0921-00	202.2.2312.133	Round front cover fixing plate	1.1	1
13	D178-0919-00	2.65.01.000018	Tri-belt	1.1	1
14	D178-0916-00	202.1.1701.043	Triangle pulley(φ110)	1.1	1
15	D178-0910-00	202.1.1701.025	Marquee rolling shaft	1.1	1
16	D178-2077-00	2.16.08.000022	Conductive ring	1.1	1



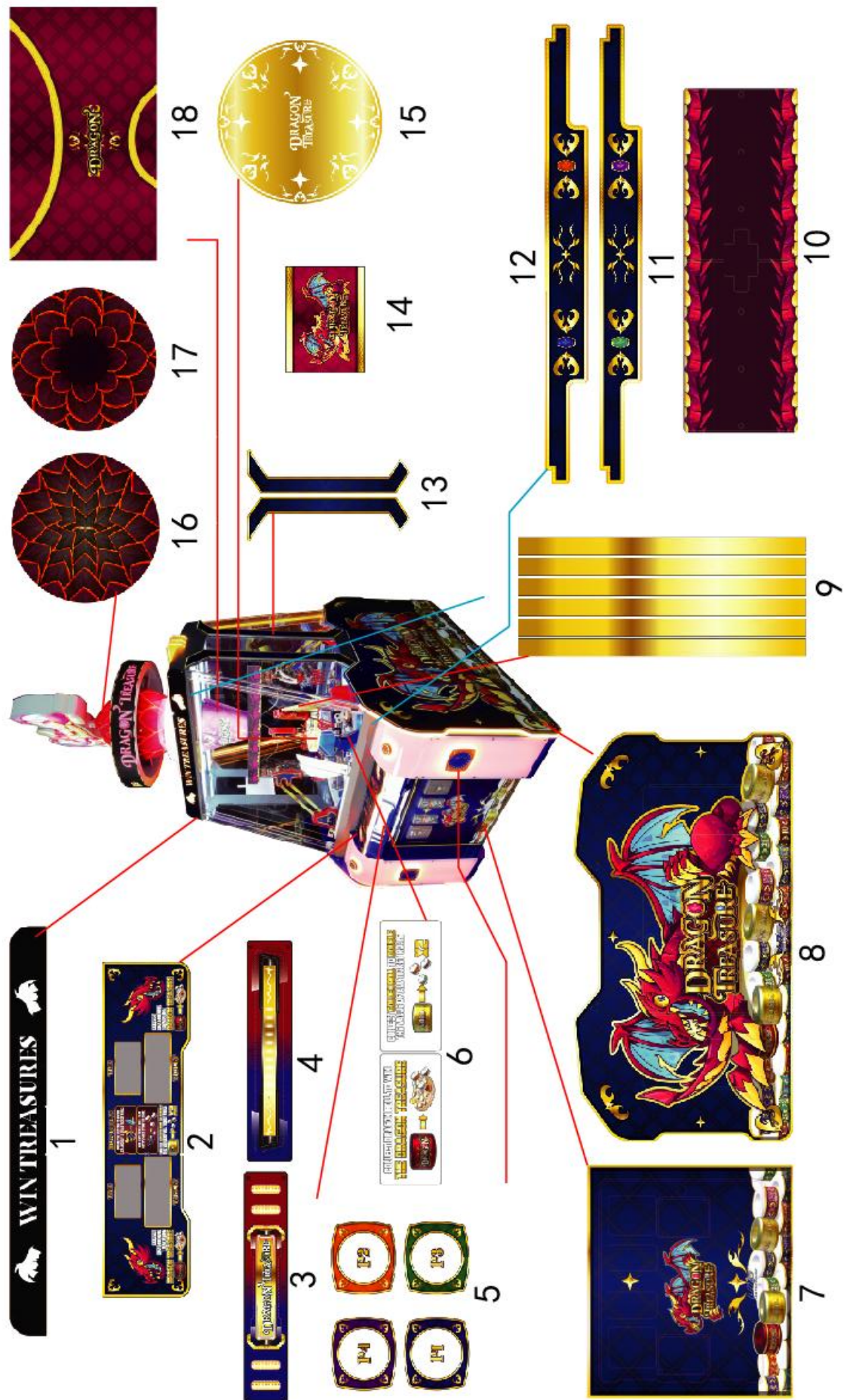
No.	Part No.	Code No.	Name	Version	Qty
1	D178-0901-00	202.2.2312.128	Top cabinet	1.1	2
2	D178-0906-00	206.2.2312.033	Marquee side decoration light plastic	1.1	6
3	D178-0902-00	202.2.2312.130	Top cabinet side cover plate	1.1	2
4	D178-0903-00	202.2.2312.129	Top cabinet cover plate	1.1	1
5	D178-0921-00	202.2.2312.133	Round front cover fixing plate	1.1	6
6	D178-2047-00	2.17.04.000286	100 light board	1.1	4
7	D178-0928-00	202.2.2312.134	Loops bracket	1.1	1
8	D178-0905-00	206.2.2312.013	Side top cover	1.1	2
9	D178-0904-00	206.2.2312.012	Top motor cover	1.1	1
10	D178-0929-00	202.2.2312.136	Long tube	1.1	1
11	D178-0930-00	202.2.2312.137	Upper long tube	1.1	1

10.12 Crane Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	D178-1941-00	206.2.2312.015A	Crane acrylic	1.1	2
2	D178-0702-00	299.2.2312.002	Crane claw assy.	1.1	1
	D178-0701-00	202.2.2312.152	Ticket claw plate	1.1	6
3	D178-0703-00	202.2.2312.163	Crane decoration cover	1.1	2
4	D178-0704-00	202.2.2312.143A	Crane bracket	1.1	1

10.13 Decals



No.	Part No.	Code No.	Name	Version	Qty
1	D178-1912-00	205.2.2312.005	Front top plastic	1.1	2
2	D178-1913-00	205.2.2312.006	Control panel plastic	1.1	2
3	D178-1914-00	205.2.2312.007	Control panel front plastic	1.1	2
4	D178-1915-00	205.2.2312.008	Control panel bottom plastic	1.1	2
5	D178-1919-00	205.2.2312.012	Speaker PVC	1.1	4
6	D178-1939-00	205.2.2312.034	How to play instructions decal	1.1	2
7	D178-1916-00	205.2.2312.009	Front door decal	1.1	2
8	D178-1917-00	205.2.2312.010	Side board decal	1.1	2
9	D178-1932-00	205.2.2312.026	Rod decal	1.1	4
10	D178-1927-00	205.2.2312.021	Crane cover decal	1.1	2
11	D178-1938-00	205.2.2312.033	Glass track PVC	1.1	2
12	D178-1924-00	205.2.2312.018	Glass upper track decal	1.1	2
13	D178-1918-00	205.2.2312.011	Upper side decal	1.1	2
14	D178-1931-00	205.2.2312.025	Crane cover	1.1	2
15	D178-1940-00	206.2.2312.014A	Turntable acrylic	1.1	1
16	D178-1943-00	206.2.2312.017	Dragon egg upper acrylic	1.1	1
17	D178-1942-00	206.2.2312.016	Dragon egg bottom acrylic	1.1	1
18	D178-1941-00	206.2.2312.015A	Crane acrylic	1.1	1



No.	Part No.	Code No.	Name	Version	Qty
1	D178-1926-00	205.2.2312.020	Pusher upper cover decal	1.1	4
2	D178-1927-00	205.2.2312.021	Crane cover decal	1.1	1
3	D178-1920-00	205.2.2312.014	Upper pusher decal	1.1	4
4	D178-1921-01	205.2.2312.015A	Bottom pusher decal	1.1	4
5	D178-1928-00	205.2.2312.022	Counter decal	1.1	1
6	D178-1923-01	205.2.2312.017A	Turntable upper cover decal	1.1	1
7	D178-1929-00	205.2.2312.023	Button decal	1.1	1
8	D178-1933-00	205.2.2312.027	Power decal	1.1	1
9	D178-1930-00	205.2.2312.024	Claw solenoid cover PVC	1.1	1
10	D178-1922-00	205.2.2312.016	Claw cover decal	1.1	8



**FOR PARTS AND SERVICE
CONTACT UNIS USA
972 241 4263**

!!!WARNING!!!
DO NOT SERVICE UNIT
WITHOUT READING
OWNERS MANUAL
HIGH VOLTAGE!!!

**THIS GAME SHOULD BE
SERVICED BY AUTHORIZED
PERSONNEL ONLY**



4

**DEDICATED CARD
READER POWER
SUPPLY 12VDC**

5

Fire Instructions:	Fire Instructions
F1: For 1st alarm	F21: For Display patch 182
F2: For 2nd alarm	F22: For Display patch 183
F3: For 3rd alarm	F23: For Display patch 184
F4: For 4th alarm	F24: For Display patch 185
F5: For 5th alarm	F25: For Display patch 186
F6: For 6th alarm	F26: For Display patch 187
F7: For 7th alarm	F27: For Display patch 188
F8: For 8th alarm	F28: For Display patch 189
F9: For 9th alarm	F29: For Display patch 190
F10: For 10th alarm	F30: For Display patch 191
F11: For 11th alarm	F31: For Display patch 192
F12: For 12th alarm	F32: For Display patch 193
F13: For 13th alarm	F33: For Display patch 194
F14: For 14th alarm	F34: For Display patch 195
F15: For 15th alarm	F35: For Display patch 196
F16: For 16th alarm	F36: For Display patch 197
F17: For 17th alarm	F37: For Display patch 198
F18: For 18th alarm	F38: For Display patch 199
F19: For 19th alarm	F39: For Display patch 200
F20: For 20th alarm	F40: For Display patch 201
F21: For 21st alarm	F41: For Display patch 202
F22: For 22nd alarm	F42: For Display patch 203
F23: For 23rd alarm	F43: For Display patch 204
F24: For 24th alarm	F44: For Display patch 205
F25: For 25th alarm	F45: For Display patch 206
F26: For 26th alarm	F46: For Display patch 207
F27: For 27th alarm	F47: For Display patch 208
F28: For 28th alarm	F48: For Display patch 209
F29: For 29th alarm	F49: For Display patch 210
F30: For 30th alarm	F50: For Display patch 211
F31: For 31st alarm	F51: For Display patch 212
F32: For 32nd alarm	F52: For Display patch 213
F33: For 33rd alarm	F53: For Display patch 214
F34: For 34th alarm	F54: For Display patch 215
F35: For 35th alarm	F55: For Display patch 216
F36: For 36th alarm	F56: For Display patch 217
F37: For 37th alarm	F57: For Display patch 218
F38: For 38th alarm	F58: For Display patch 219
F39: For 39th alarm	F59: For Display patch 220
F40: For 40th alarm	F60: For Display patch 221
F41: For 41st alarm	F61: For Display patch 222
F42: For 42nd alarm	F62: For Display patch 223
F43: For 43rd alarm	F63: For Display patch 224
F44: For 44th alarm	F64: For Display patch 225
F45: For 45th alarm	F65: For Display patch 226
F46: For 46th alarm	F66: For Display patch 227
F47: For 47th alarm	F67: For Display patch 228
F48: For 48th alarm	F68: For Display patch 229
F49: For 49th alarm	F69: For Display patch 230
F50: For 50th alarm	F70: For Display patch 231
F51: For 51st alarm	F71: For Display patch 232
F52: For 52nd alarm	F72: For Display patch 233
F53: For 53rd alarm	F73: For Display patch 234
F54: For 54th alarm	F74: For Display patch 235
F55: For 55th alarm	F75: For Display patch 236
F56: For 56th alarm	F76: For Display patch 237
F57: For 57th alarm	F77: For Display patch 238
F58: For 58th alarm	F78: For Display patch 239
F59: For 59th alarm	F79: For Display patch 240
F60: For 60th alarm	F80: For Display patch 241
F61: For 61st alarm	F81: For Display patch 242
F62: For 62nd alarm	F82: For Display patch 243
F63: For 63rd alarm	F83: For Display patch 244
F64: For 64th alarm	F84: For Display patch 245
F65: For 65th alarm	F85: For Display patch 246
F66: For 66th alarm	F86: For Display patch 247
F67: For 67th alarm	F87: For Display patch 248
F68: For 68th alarm	F88: For Display patch 249
F69: For 69th alarm	F89: For Display patch 250
F70: For 70th alarm	F90: For Display patch 251
F71: For 71st alarm	F91: For Display patch 252
F72: For 72nd alarm	F92: For Display patch 253
F73: For 73rd alarm	F93: For Display patch 254
F74: For 74th alarm	F94: For Display patch 255
F75: For 75th alarm	F95: For Display patch 256
F76: For 76th alarm	F96: For Display patch 257
F77: For 77th alarm	F97: For Display patch 258
F78: For 78th alarm	F98: For Display patch 259
F79: For 79th alarm	F99: For Display patch 260
F80: For 80th alarm	F100: For Display patch 261
F81: For 81st alarm	F101: For Display patch 262
F82: For 82nd alarm	F102: For Display patch 263
F83: For 83rd alarm	F103: For Display patch 264
F84: For 84th alarm	F104: For Display patch 265
F85: For 85th alarm	F105: For Display patch 266
F86: For 86th alarm	F106: For Display patch 267
F87: For 87th alarm	F107: For Display patch 268
F88: For 88th alarm	F108: For Display patch 269
F89: For 89th alarm	F109: For Display patch 270
F90: For 90th alarm	F110: For Display patch 271
F91: For 91st alarm	F111: For Display patch 272
F92: For 92nd alarm	F112: For Display patch 273
F93: For 93rd alarm	F113: For Display patch 274
F94: For 94th alarm	F114: For Display patch 275
F95: For 95th alarm	F115: For Display patch 276
F96: For 96th alarm	F116: For Display patch 277
F97: For 97th alarm	F117: For Display patch 278
F98: For 98th alarm	F118: For Display patch 279
F99: For 99th alarm	F119: For Display patch 280
F100: For 100th alarm	F120: For Display patch 281
F101: For 101st alarm	F121: For Display patch 282
F102: For 102nd alarm	F122: For Display patch 283
F103: For 103rd alarm	F123: For Display patch 284
F104: For 104th alarm	F124: For Display patch 285
F105: For 105th alarm	F125: For Display patch 286
F106: For 106th alarm	F126: For Display patch 287
F107: For 107th alarm	F127: For Display patch 288
F108: For 108th alarm	F128: For Display patch 289
F109: For 109th alarm	F129: For Display patch 290
F110: For 110th alarm	F130: For Display patch 291
F111: For 111th alarm	F131: For Display patch 292
F112: For 112th alarm	F132: For Display patch 293
F113: For 113th alarm	F133: For Display patch 294
F114: For 114th alarm	F134: For Display patch 295
F115: For 115th alarm	F135: For Display patch 296
F116: For 116th alarm	F136: For Display patch 297
F117: For 117th alarm	F137: For Display patch 298
F118: For 118th alarm	F138: For Display patch 299
F119: For 119th alarm	F139: For Display patch 300
F120: For 120th alarm	F140: For Display patch 301
F121: For 121st alarm	F141: For Display patch 302
F122: For 122nd alarm	F142: For Display patch 303
F123: For 123rd alarm	F143: For Display patch 304
F124: For 124th alarm	F144: For Display patch 305
F125: For 125th alarm	F145: For Display patch 306
F126: For 126th alarm	F146: For Display patch 307
F127: For 127th alarm	F147: For Display patch 308
F128: For 128th alarm	F148: For Display patch 309
F129: For 129th alarm	F149: For Display patch 310
F130: For 130th alarm	F150: For Display patch 311
F131: For 131st alarm	F151: For Display patch 312
F132: For 132nd alarm	F152: For Display patch 313
F133: For 133rd alarm	F153: For Display patch 314
F134: For 134th alarm	F154: For Display patch 315
F135: For 135th alarm	F155: For Display patch 316
F136: For 136th alarm	F156: For Display patch 317
F137: For 137th alarm	F157: For Display patch 318
F138: For 138th alarm	F158: For Display patch 319
F139: For 139th alarm	F159: For Display patch 320
F140: For 140th alarm	F160: For Display patch 321
F141: For 141st alarm	F161: For Display patch 322
F142: For 142nd alarm	F162: For Display patch 323
F143: For 143rd alarm	F163: For Display patch 324
F144: For 144th alarm	F164: For Display patch 325
F145: For 145th alarm	F165: For Display patch 326
F146: For 146th alarm	F166: For Display patch 327
F147: For 147th alarm	F167: For Display patch 328
F148: For 148th alarm	F168: For Display patch 329
F149: For 149th alarm	F169: For Display patch 330
F150: For 150th alarm	F170: For Display patch 331
F151: For 151st alarm	F171: For Display patch 332
F152: For 152nd alarm	F172: For Display patch 333
F153: For 153rd alarm	F173: For Display patch 334
F154: For 154th alarm	F174: For Display patch 335
F155: For 155th alarm	F175: For Display patch 336
F156: For 156th alarm	F176: For Display patch 337
F157: For 157th alarm	F177: For Display patch 338
F158: For 158th alarm	F178: For Display patch 339
F159: For 159th alarm	F179: For Display patch 340
F160: For 160th alarm	F180: For Display patch 341
F161: For 161st alarm	F181: For Display patch 342
F162: For 162nd alarm	F182: For Display patch 343
F163: For 163rd alarm	F183: For Display patch 344
F164: For 164th alarm	F184: For Display patch 345
F165: For 165th alarm	F185: For Display patch 346
F166: For 166th alarm	F186: For Display patch 347
F167: For 167th alarm	F187: For Display patch 348
F168: For 168th alarm	F188: For Display patch 349
F169: For 169th alarm	F189: For Display patch 350
F170: For 170th alarm	F190: For Display patch 351
F171: For 171st alarm	F191: For Display patch 352
F172: For 172nd alarm	F192: For Display patch 353
F173: For 173rd alarm	F193: For Display patch 354
F174: For 174th alarm	F194: For Display patch 355
F175: For 175th alarm	F195: For Display patch 356
F176: For 176th alarm	F196: For Display patch 357
F177: For 177th alarm	F197: For Display patch 358
F178: For 178th alarm	F198: For Display patch 359
F179: For 179th alarm	F199: For Display patch 360
F180: For 180th alarm	F200: For Display patch 361
F181: For 181st alarm	F201: For Display patch 362
F182: For 182nd alarm	F202: For Display patch 363
F183: For 183rd alarm	F203: For Display patch 364
F184: For 184th alarm	F204: For Display patch 365
F185: For 185th alarm	F205: For Display patch 366
F186: For 186th alarm	F206: For Display patch 367
F187: For 187th alarm	F207: For Display patch 368
F188: For 188th alarm	F208: For Display patch 369
F189: For 189th alarm	F209: For Display patch 370
F190: For 190th alarm	F210: For Display patch 371
F191: For 191st alarm	F211: For Display patch 372
F192: For 192nd alarm	F212: For Display patch 373
F193: For 193rd alarm	F213: For Display patch 374
F194: For 194th alarm	F214: For Display patch 375
F195: For 195th alarm	F215: For Display patch 376
F196: For 196th alarm	F216: For Display patch 377
F197: For 197th alarm	F217: For Display patch 378
F198: For 198th alarm	F218: For Display patch 379
F199: For 199th alarm	F219: For Display patch 380
F200: For 200th alarm	F220: For Display patch 381
F201: For 201st alarm	F221: For Display patch 382
F202: For 202nd alarm	F222: For Display patch 383
F203: For 203rd alarm	F223: For Display patch 384
F204: For 204th alarm	F224: For Display patch 385
F205: For 205th alarm	F225: For Display patch 386
F206: For 206th alarm	F226: For Display patch 387
F207: For 207th alarm	F227: For Display patch 388
F208: For 208th alarm	F228: For Display patch 389
F209: For 209th alarm	F229: For Display patch 390
F210: For 210th alarm	F230: For Display patch 391
F211: For 211st alarm	F231: For Display patch 392
F212: For 212nd alarm	F232: For Display patch 393
F213: For 213rd alarm	F233: For Display patch 394
F214: For 214th alarm	F234: For Display patch 395
F215: For 215th alarm	F235: For Display patch 396
F216: For 216th alarm	F236: For Display patch 397
F217: For 217th alarm	F237: For Display patch 398
F218: For 218th alarm	F238: For Display patch 399
F219: For 219th alarm	F239: For Display patch 400
F220: For 220th alarm	F240: For Display patch 401
F221: For 221st alarm	F241: For Display patch 402
F222: For 222nd alarm	F242: For Display patch 403
F223: For 223rd alarm	F243: For Display patch 404
F224: For 224th alarm	F244: For Display patch 405
F225: For 225th alarm	F245: For Display patch 406
F226: For 226th alarm	F246: For Display patch 407
F227: For 227th alarm	F247: For Display patch 408
F228: For 228th alarm	F248: For Display patch 409
F229: For 229th alarm	F249: For Display patch 410
F230: For 230th alarm	F250: For Display patch 411
F231: For 231st alarm	F251: For Display patch 412
F232: For 232nd alarm	F252: For Display patch 413
F233: For 233rd alarm	F253: For Display patch 414
F234: For 234th alarm	F254: For Display patch 415
F235: For 235th alarm	F255: For Display patch 416
F236: For 236th alarm	F256: For Display patch 417
F237: For 237th alarm	F257: For Display patch 418
F238: For 238th alarm	F258: For Display patch 419
F239: For 239th alarm	F259: For Display patch 420
F240: For 240th alarm	F260: For Display patch 421
F241: For 241st alarm	F261: For Display patch 422
F242: For 242nd alarm	F262: For Display patch 423
F243: For 243rd alarm	F263: For Display patch 424
F244: For 244th alarm	F264: For Display patch 425
F245: For 245th alarm	F265: For Display patch 426
F246: For 246th alarm	F266: For Display patch 427
F247: For 247th alarm	F267: For Display patch 428
F248: For 248th alarm	F268: For Display patch 429
F249: For 249th alarm	F269: For Display patch 430
F250: For 250th alarm	F270: For Display patch 431
F251: For 251st alarm	F271: For Display patch 432
F252: For 252nd alarm	F272: For Display patch 433
F253: For 253rd alarm	F273: For Display patch 434
F254: For 254th alarm	F274: For Display patch 435
F255: For 255th alarm	F275: For Display patch 436
F256: For 256th alarm	F276: For Display patch 437
F257: For 257th alarm	F277: For Display patch 438
F258: For 258th alarm	F278: For Display patch 439
F259: For 259th alarm	F279: For Display patch 440
F260: For 260th alarm	F280: For Display patch 441
F261: For 261st alarm	F281: For Display patch 442
F262: For 262nd alarm	F282: For Display patch 443
F263: For 263rd alarm	F283: For Display patch 444
F264: For 264th alarm	F284: For Display patch 445
F265: For 265th alarm	F285: For Display patch 446
F266: For 266th alarm	F286: For Display patch 447
F267: For 267th alarm	F287: For Display patch 448
F268: For 268th alarm	F288: For Display patch 449
F269: For 269th alarm	F289: For Display patch 450
F270: For 270th alarm	F290: For Display patch 451
F271: For 271st alarm	F291: For Display patch 452
F272: For 272nd alarm	F292: For Display patch 453
F273: For 273rd alarm	F293: For Display patch 454
F274: For 274th alarm	F294: For Display patch 455
F275: For 275th alarm	F295: For Display patch 456
F276: For 276th alarm	F296: For Display patch 457
F277: For 277th alarm	F297: For Display patch 458
F278: For 278th alarm	F298: For Display patch 459
F279: For 279th alarm	F299: For Display patch 460
F280: For 280th alarm	F300: For Display patch 461
F281: For 281st alarm	F301: For Display patch 462
F282: For 282nd alarm	F302: For Display patch 463
F283: For 283rd alarm	F303: For Display patch 464
F284: For 284th alarm	F304: For Display patch 465
F285: For 285th alarm	F305: For Display patch 466
F286: For 286th alarm	F306: For Display patch 467
F287: For 287th alarm	F307: For Display patch 468
F288: For 288th alarm	F308: For Display patch 469
F289: For 289th alarm	F309: For Display patch 470
F290: For 290th alarm	F310: For Display patch 471
F291: For 291st alarm	F311: For Display patch 472
F292: For 292nd alarm	F312: For Display patch 473
F293: For 293rd alarm	F313: For Display patch 474
F294: For 294th alarm	F314: For Display patch 475
F295: For 295th alarm	F315: For Display patch 476
F296: For 296th alarm	F316: For Display patch 477
F297: For 297th alarm	F317: For Display patch 478
F298: For 298th alarm	F318: For Display patch 479
F299: For 299th alarm	F319: For Display patch 480
F300: For 300th alarm	F320: For Display patch 481
F301: For 301st alarm	F321: For Display patch 482
F302: For 302nd alarm	F322: For Display patch 483
F303: For 303rd alarm	F323: For Display patch 484
F304: For 304th alarm	F324: For Display patch 485
F305: For 305th alarm	F325: For Display patch 486
F306: For 306th alarm	F326: For Display patch 487
F307: For 307th alarm	F327: For Display patch 488
F308: For 308th alarm	F328: For Display patch 489
F309: For 309th alarm	F329: For Display patch 490
F310: For 310th alarm	F330: For Display patch 491
F311: For 311st alarm	F331: For Display patch 492
F312: For 312nd alarm	F332: For Display patch 493
F313: For 313rd alarm	F333: For Display patch 494
F314: For 314th alarm	F334: For Display patch 495
F315: For 315th alarm	F335: For Display patch 496
F316: For 316th alarm	F336: For Display patch 497
F317: For 317th alarm	F337: For Display patch 498
F318: For 318th alarm	F338: For Display patch 499
F319: For 319th alarm	F339: For Display patch 500
F320: For 320th alarm	F340: For Display patch 501
F321: For 321st alarm	F341: For Display patch 502
F322: For 322nd alarm	F342: For Display patch 503
F323: For 323rd alarm	F343: For Display patch 504
F324: For 324th alarm	F344: For Display patch 505
F325: For 325th alarm	F345: For Display patch 506
F326: For 326th alarm	F346: For Display patch 507
F327: For 327th alarm	F347: For Display patch 508
F328: For 328th alarm	F348: For Display patch 509
F329: For 329th alarm	F349: For Display patch 510
F330: For 330th alarm	F350: For Display patch 511
F331: For 331st alarm	F351: For Display patch 512
F332: For 332nd alarm	F352: For Display patch 513
F333: For 333rd alarm	F353: For Display patch 514
F334: For 334th alarm	F354: For Display patch 515
F335: For 335th alarm	F355: For Display patch 516
F336: For 336th alarm	F356: For Display patch 517
F337: For 337th alarm	F357: For Display patch 518
F338: For 338th alarm	F358: For Display patch 519
F339: For 339th alarm	F359: For Display patch 520
F340: For 340th alarm	F360: For Display patch 521
F341: For 341st alarm	F361: For Display patch 522
F342: For 342nd alarm	F362: For Display patch 523
F343: For 343rd alarm	F363: For Display patch 524
F344: For 344th alarm	F364: For Display patch 525
F345: For 345th alarm	F365: For Display patch 526
F346: For 346th alarm	F366: For Display patch 527
F347: For 347th alarm	F367: For Display patch 528
F348: For 348th alarm	F368: For Display patch 529
F349: For 349th alarm	F369: For Display patch 530
F350: For 350th alarm	F370: For Display patch 531
F351: For 351st alarm	F371: For Display patch 532
F352: For 352nd alarm	F372

[illegible]

7

INDOOR MACHINE	
NAME: Dragon Treasure 60W	MAX POWER: 900W
MODEL: I-420	MIN POWER: 650W
S/N:	FREQUENCY: 50 / 60Hz
VOLTAGE: AC220-240V ~	
DATE:	
Guangdong UNIS Technology Co., Ltd.	



ON - OFF 12

FUSE T10A 250V

14

15



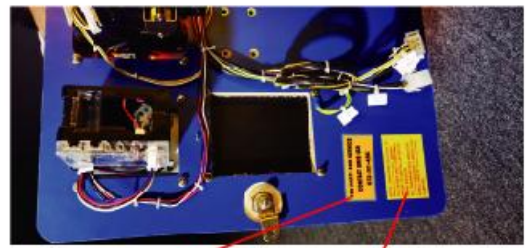
11

INDOOR MACHINE	
NAME: Dragon Treasure 986	MAX. POWER: 900W
MODEL: T-420	MIN. POWER: 650W
S/N:	FREQUENCY: 50 / 60Hz
VOLTAGE: AC110V ~	
DATE:	
Guangdong UNIS Technology Co., Ltd.	

NOTE: TAKE PRECAUTION TO ASSURE THAT ALL WIRING VOLTAGES ARE CONFINED PRIOR TO INSTALLATION OF CARD READER. ALL WARRANTIES ARE VOID IF NOT PROPERLY INSTALLED RESULTING IN LOGIC BOARD DAMAGE.

10

**FOR PARTS AND SERVICE
CONTACT UNIS USA
972-241-4253**

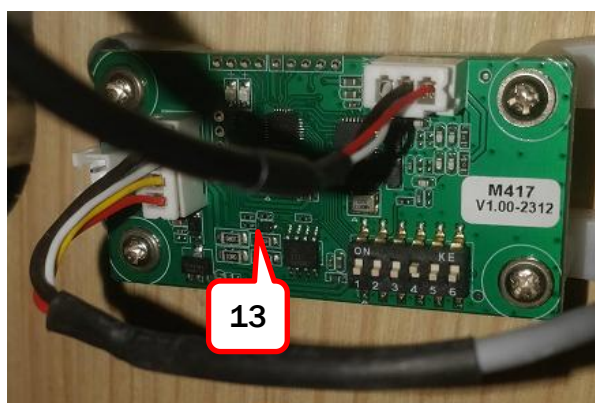
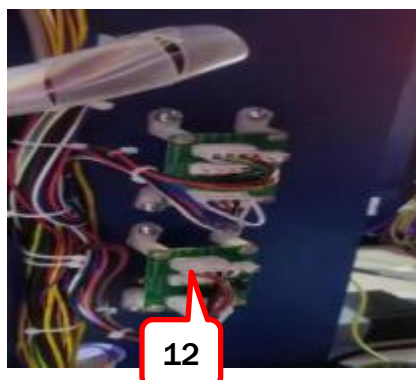
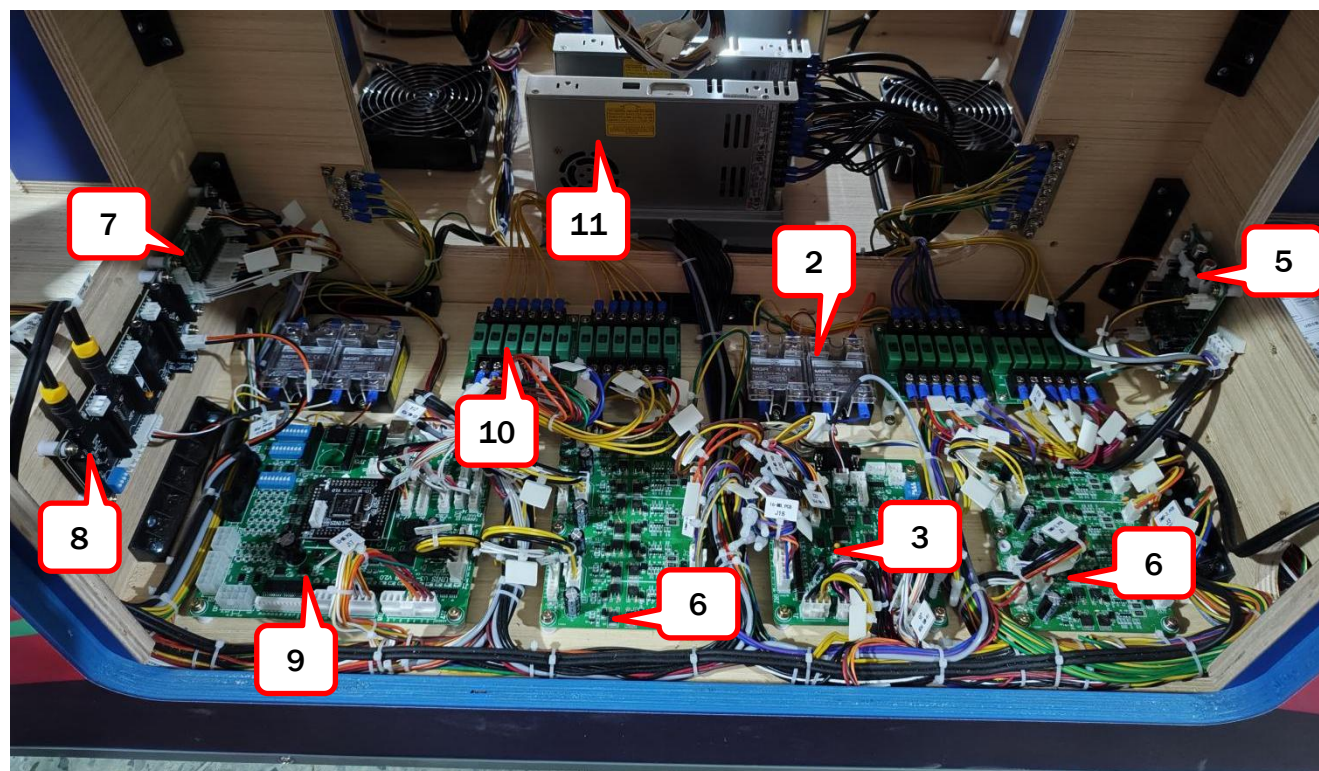
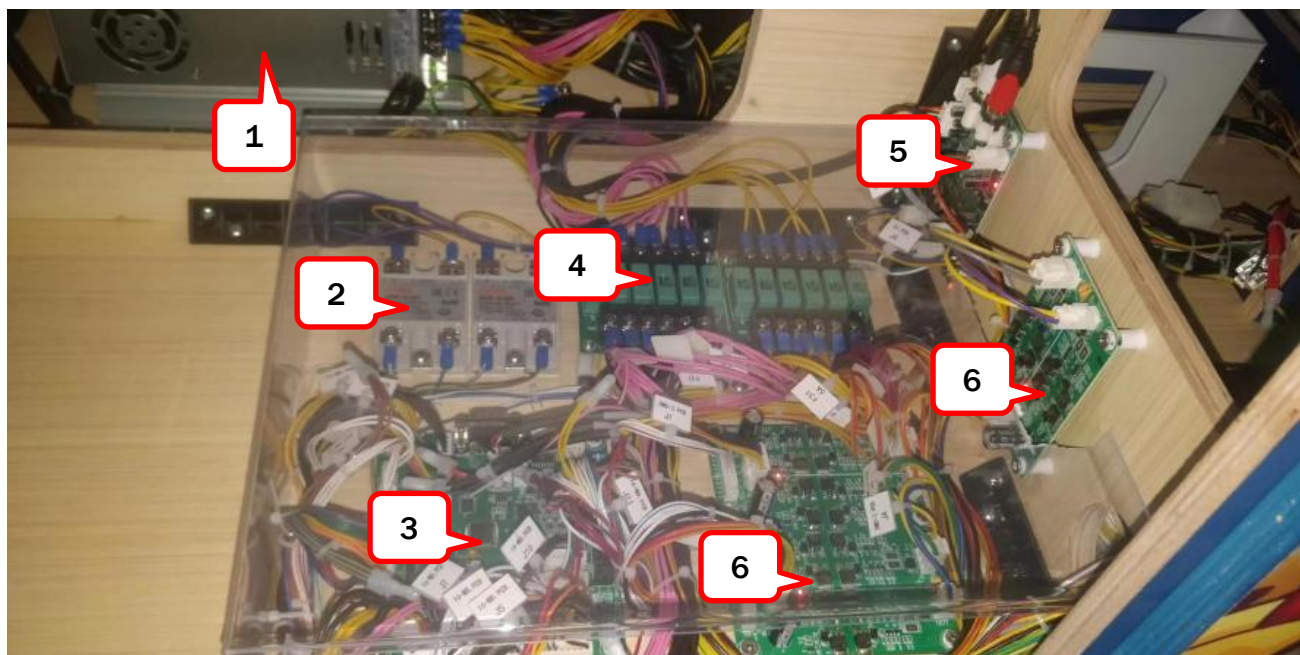


No.	Part No.	Code No.	Name	Version	Qty
1	D178-1909-00	2.56.00.000095A	Maintenance label(l)	1.1	1
2	D178-1904-00	2.56.00.000067A	Service label	1.1	1
3	D178-1903-00	2.56.00.000042A	Service label 1	1.1	1
4	D178-1902-00	2.56.00.000036A	High voltage(s) decal	1.1	4
5	D178-1907-00	205.1.1605A.040	Adapter decal	1.1	1
6	D178-1935-00	205.2.2312.029	Fuse board instruction decal	1.1	1
7	D178-1934-00	205.2.2312.028	Wiring decal	1.1	1
8	D178-1937-00	205.2.2312.032	220V nameplate	1.1	1
9	D178-1910-00	2.56.00.000096A	Maintenance label(s)	1.1	2
10	D178-1911-00	205.1.1707K.020	AAMA warning decal	1.1	2
11	D178-1936-00	205.2.2312.031	110V nameplate	1.1	1
12	D178-1923-00	205.2.2312.017	Turntable upper cover decal	1.1	1
13	D178-1908-00	2.56.00.000077	Fuse decal	1.1	2
14	D178-1906-00	2.56.00.000071	110V label	1.1	2
15	D178-1905-00	2.56.00.000072	220V label	1.1	2

10.14 Electrical Components



No.	Part No.	Code No.	Name	Version	Qty
1	D178-0012-00	299.2.2312.001	Top rotating marquee	1.1	1
	D178-0209-00	2.34.04.000236	DC motor	1.1	1
2	D178-2047-00	2.17.04.000286	100 light board	1.1	6
3	D178-2080-00	2.21.1.000056	Loops controller	1.1	1
	D178-2081-00	2.17.14.000276	Display pitch	1.1	10
4	D178-2023-00	2.20.02.020033	5050 yellow light strip	1.1	39.37 in ×2 (1000mm×2)
5	D178-2075-00	2.20.02.020056	2538 white light strip	1.1	5.90 in×6 (150mm×6)
6	D178-2046-00	2.17.04.000258	100 light board	1.1	4
7	D178-2076-00	2.20.02.020035	5050 red light strip	1.1	76.77 in (1950mm)
8	D178-2022-00	2.20.02.020057	2538 yellow light strip	1.1	37.4 in (950mm)
9	D178-2022-00	2.20.02.020057	2538 yellow light strip	1.1	37.4 in (950mm)
10	D178-2066-00	2.24.01.300005	Button	1.1	1
	D178-2022-00	2.20.02.020057	2538 yellow light strip	1.1	5.90 in (150mm)
11	D178-2065-00	2.28.01.000005	Speaker	1.1	1
	D178-2022-00	2.20.02.020057	2538 yellow light strip	1.1	14.76 in (375mm)
12	D178-2064-00	2.20.02.020031	5050RGB light strip	1.1	59.06 in (1500mm)
13	D178-2073-00	2.17.04.000260	500 light board	1.1	4
	D178-2072-00	2.20.04.000047	85mm white light	1.1	4
14	D178-2032-00	2.23.06000022	Coin mechanism	1.1	4
	D178-2033-00	2.31.00000015	Ticket dispenser	1.1	4
15	D178-2046-00	2.17.04.000258	100 light board	1.1	4
16	D178-2023-00	2.20.02.020033	5050 yellow light strip	1.1	23.62 in (600mm)



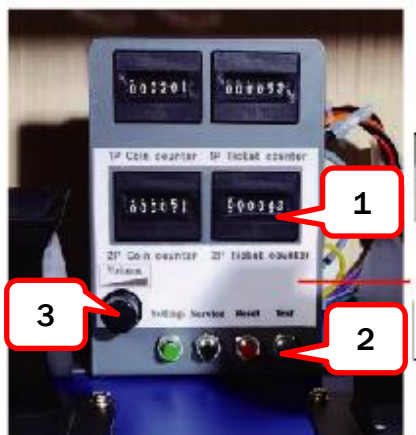
No.	Part No.	Code No.	Name	Version	Qty
1	D178-2013-00	2.16.02.000117	Power supply(12V)	1.1	1
	D178-2014-00	2.16.02.000170	Power supply(5V)	1.1	1
2	D178-2031-00	2.21.4.0000029	Relay	1.1	6
3	D178-2007-00	297.6.2305001	I6 mainboard	1.1	2
4	D178-2011-00	2.17.14.000154A	Fuse board	1.1	6
5	D178-2006-00	297.9.0300009	Amplifier	1.1	3
	D178-2024-00	2.33.05.000003	Audio cable	1.1	2
6	D178-2009-00	297.4.1922004	Motor drive board	1.1	8
7	D178-2008-00	297.1.1903001	16 road extension board	1.1	1
8	D178-2005-00	297.9.2312001	Music control board	1.1	1
	D178-2004-00	297.9.0300005	U3 music module	1.1	2
9	D178-2002-00	297.9.0300003C	U3 mainboard	1.1	1
	D178-2003-00	297.9.0300004	U3 MCU board	1.1	1
10	D178-2010-00	297.4.1906002	Motor drive board	1.1	1
11	D178-2012-00	2.16.02.000105	Power supply(24V)	1.1	1
	D178-2013-00	2.16.02.000117	Power supply(12V)	1.1	1
12	D178-2042-00	297.9.0700002	Ticket convert board	1.1	4
13	D178-2041-00	2.23.06000042	RFID	1.1	4



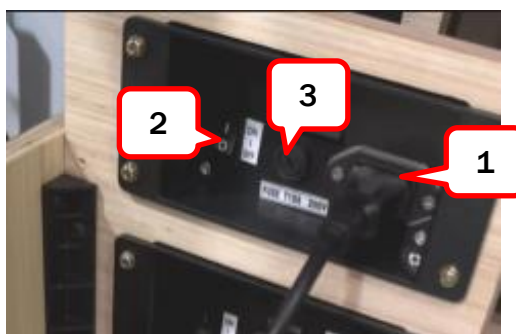
No.	Part No.	Code No.	Name	Version	Qty
1	D178-2070-00	297.1.1413006	Time display	1.1	2
2	D178-2069-00	297.9.2212006	Score display	1.1	2
3	D178-2047-00	2.17.04.000286	100 light board	1.1	2
4	D178-2068-00	2.17.04.000259	300 light board	1.1	2
	D178-2046-00	2.17.04.000258	100 light board	1.1	2
5	D178-2022-00	2.20.02.020057	2538 yellow light strip	1.1	22.83 in (580mm)



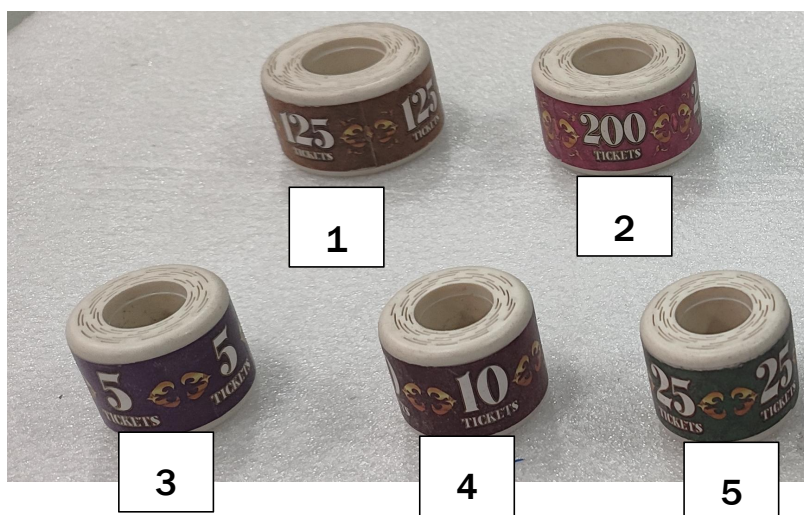
No.	Part No.	Code No.	Name	Version	Qty
1	D178-0702-00	299.2.2312.002	Crane claw assy.	1.1	1 set
2	D178-2061-00	2.15.03.000113	Sensor SW	1.1	2
	D178-2062-00	2.15.03.000114	Receiver SW	1.1	2
3	D178-2046-00	2.17.04.000258	100 light board	1.1	3
	D178-2059-00	2.16.08.000013	Slip ring	1.1	1
	D178-2050-00	297.9.2010002	Sensor board	1.1	1
4	D178-2046-00	2.17.04.000258	100 light board	1.1	1
	D178-2047-00	2.17.04.000286	100 light board	1.1	1
	D178-2048-00	2.17.04.000287	100 light board	1.1	1
	D178-2050-00	297.9.2010002	Sensor board	1.1	1



No.	Part No.	Code No.	Name	Version	Qty
1	D178-2025-00	2.30.00000006	Counter	1.1	8
2	D178-2026-00	2.24.02.010002	Button(red)	1.1	2
	D178-2027-00	2.24.02.030002	Button(green)	1.1	4
	D178-2028-00	2.24.02.050001	Button(black)	1.1	2
3	D178-2029-00	297.9.1400001	POT board	1.1	2
	D178-2030-00	2.24.03.000001	Knob	1.1	2



No.	Part No.	Code No.	Name	Version	Qty
1	D178-2019-00	2.32.01000001A	Filter	1.1	2
2	D178-2018-00	2.26.01.000005	Rocket sw	1.1	2
3	D178-2016-00	2.19.01.000013	Fuse	1.1	2
	D178-2017-00	2.19.02.000006	Fuse holder	1.1	2



No.	Part No.	Code No.	Name	Version	Qty
1	D178-1607-00	4.11.05.000041	125 points roll ticket	1.1	10
2	D178-1608-00	4.11.05.000042	200 points roll ticket	1.1	10
3	D178-1601-00	4.11.05.000035	5 points roll ticket	1.1	260
4	D178-1602-00	4.11.05.000036	10 points roll ticket	1.1	260
5	D178-1603-00	4.11.05.000037	25 points roll ticket	1.1	90
6	D178-1609-00	4.11.05.000043	500 points roll ticket	1.1	10
7	D178-1611-00	4.11.05.000045	Dragon roll ticket	1.1	10
8	D178-1610-00	4.11.05.000044	Golden roll ticket	1.1	20
9	D178-1604-00	4.11.05.000038	50 points roll ticket	1.1	35
10	D178-1605-00	4.11.05.000039	75 points roll ticket	1.1	15
11	D178-1606-00	4.11.05.000040	100 points roll ticket	1.1	10

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.