



SERVICE MANUAL MAGIC SHOT

Ver 3.0



ISSUE DATE: Aug. 26, 2016



- ▶ Please read the manual carefully and keep it in mind before using this machine.
- ▶ Put this manual within touch of your reference in anytime.

PRECAUTIONS FOR USE

The following safety precautions are given throughout this manual. They must be strictly followed to protect those who install, use or maintain this product as well as to protect players, visitors and property.

For safety reasons.

- The following suggestions should be adhered to:



WARNING

Disregarding could result in serious injury.



CAUTION

Disregarding could result in injury or product damage.

- The following graphic suggestions describe the types of precautions to be followed.



Indicates a care should be taken.



Forbidden.



Indicates a matter which must be performed.

- **Precautions to be followed:**

Certain procedures require a qualified in-shop maintenance person or industry specialist. For such instructions, a qualified person must take care of the jobs.

- Otherwise an electric shock, machine trouble, or a serious accident may result.
- Replacing the machine parts, inspecting and maintaining the machines, and troubleshooting must be assigned only to a qualified in-shop maintenance person or industry specialist. This booklet gives instructions that hazardous jobs in particular must be handled by an industry specialist. Qualified in-shop maintenance person and industry specialist are defined as follows.

Qualified in-shop maintenance person

- A service staff shall have experience in operations of game machines. The staff shall be responsible for assembly, installation, inspection and maintenance of the machine.

Industry specialist

- An industry specialist must be engaged in designing, manufacturing, inspecting and servicing amusement machines. He or she must have an education in electrical, electronic and mechanical engineering, and routinely maintain and repair amusement machines.

PRECAUTIONS FOR USE

WARNING

If there is any abnormality such as smoke, bad smell or abnormal noise being emitted from the machine, immediately turn OFF the main power switch and unplug the power cord from the receptacle to stop operating it.



- Using the machine in abnormal conditions could result in fire or accidents.

In case of abnormality

1. Turn OFF the main power switch.
2. Unplug the power cord from the receptacle.
3. Contact your nearest dealer.

Do not leave the power cord plugged in improperly or covered with dust.



- Doing so could result in the power cord being damaged periodically.

CAUTION

Do not use this product anywhere other than industrial areas.



- Using in a residential area or an area next to a residential area could affect signal reception of radios, television sets, telephones, etc..
- Do not give shock the surface of glass products.

- Please do not play this game if
 - When you do drinking;
 - When your physical condition is not normal;
 - When you are in pregnancy;
 - When you have on a pulse controller;
 - When you have recently experienced a cramp or fainting away while watching TV.
- Avoid excessive force/shock while playing/moving the game.
- While do games, pay attention to surrounding.

Do not plug or unplug the power cord with wet hands.



In handling the power cord, follow the instructions below.



- | | |
|---|--|
| • Do not damage the power cord. | • Do not modify the power cord. |
| • Do not bend the power cord excessively. | • Do not twist the power cord. |
| • Do not heat the power cord. | • Do not pull the power cord. |
| • Do not bind the power cord. | • Do not stand on the power cord. |
| • Do not sandwich the power cord. | • Do not drive a nail into the power cord. |

If the power cord or power plug becomes damaged, stop using the machine immediately and ask your nearest dealer to replace the parts.

PRECAUTIONS FOR USE

WARNING

Be sure to consult an industry specialist when setting up, moving or transporting this product.

- This product should not be set up, moved or transported by any one other than an industry specialist.
- When installing this product, set the 4 leg levelers evenly on the floor and make sure that the product is installed stably in a horizontal position. Unstable installation may result in injury or accident.
- When installing this product, do not apply undue force on movable parts. Otherwise, injury and accident may result, or the product may be damaged.

The machine for indoor usage only does not install outside.



Do not set the game machine up near emergency exits.



Protect the game machine from:



- Rain or moisture.
- Direct sunlight.
- Direct heat from air-conditioning and heating equipment, etc..
- Hazardous flammable substances.
- Otherwise an accident or malfunction may result.

Do not place containers holding chemicals or water on or near the game machine.



Do not place objects near the ventilating holes.



Do not bend the power cord by force or place heavy objects on it.



Never plug or unplug the power cord with wet hands.



Never unplug the game machine by pulling the power cord.



CAUTION

Be sure to use indoor wiring within the specified voltage requirements. For extension cord, use the specified rating or more.

Be sure to use the attached power cord.

Never plug more than one cord at a time into the electrical receptacle.



Do not lay the power cord where people walk through.



Be sure to ground this product.



Do not exert excessive force when moving the machine.



For proper ventilation, keep the game machine 100mm(4") away from the walls.

Do not alter the system related dipswitch settings.

PRECAUTIONS FOR USE

WARNING

Be sure to turn OFF the main power switch and unplug the power cord from the receptacle before inspecting or cleaning the machine.



When replacing parts, be sure to use parts of the correct specifications. Never use parts other than the specified ones.



Opening inside the machine shall be done by machine specialist only as high electric current is being sent inside. For game machine with monitor, a care should be taken while opening its back door. If not, a damage to the inside parts or the monitor may occur.



If the sub power switch of the service panel is turned OFF without turning OFF the main power switch of the power supply unit, some parts in the units remain live. When opening the back door, be sure to turn OFF the main power switch and unplug the power cord from the receptacle.



Strictly refrain from disassembly and repair of parts which are not indicated in this manual, as well as settings and remodeling.



To clean the game machine, wipe it with a soft cloth dampened in a neutral detergent.

- Using thinner or other organic solvent or alcohol may decompose the material.
- Electrical shock or equipment failure could be caused by water entering the inside of the machine.

CAUTION

Components in the game are sensitive to vibrations and impact. Care should be used when moving and transporting the game machine.



Be sure not to let the machine tip over.

Before moving the machine, be sure to turn OFF the main power switch, unplug the power cord from the receptacle and remove the power cord from the machine.



Before moving take the machine, off the levelers and move it on the casters.

Avoid excessive force while moving the machine.

PRECAUTIONS IN HANDLING

- When setting up, inspecting, maintaining, moving or transporting this product, follow the procedures and instructions set forth in this manual and perform such work safely.
- Do not set up, handle, inspect, maintain, move or transport this product under conditions equivalent to the condition of "WARNING" or "CAUTION" specified in this manual.
- If a new owner is to have this product as a result of transfer, etc., be sure to give this manual to the new owner.

PRÉCAUTION D'EMPLOI

Les consignes de sécurité suivantes sont données dans ce manuel. Elles doivent être strictement suivies pour protéger ceux qui les installent. Utiliser ou entretenir ce produit pour la sécurité des utilisateurs, des visiteurs et des biens.

Pour des raisons de sécurité.

- **Les suggestions suivantes doivent être respectées:**

ATTENTION

Le non-respect peut entraîner des blessures graves.

PRUDENCE

Le non-respect peut entraîner des blessures ou des dommages au produit.

- **Les suggestions graphiques suivantes décrivent les types de précautions à prendre.**



Indique qu'attention est requise.



Interdit.



Indique que quelque chose doit être effectuée.

- **Les précautions à prendre :**

Certaines procédures exigent une personne de maintenance qualifiée en atelier ou un spécialiste de l'industrie. Pour ces instructions, une personne qualifiée doit prendre soin des travaux.

- Sinon, un choc électrique, un dysfonctionnement de la machine, ou un accident grave peut en résulter.
- Remplacement des pièces de machines, l'inspection et la maintenance des machines, et le dépannage doit être attribué qu'à une personne de maintenance qualifiée en atelier ou spécialiste de l'industrie. Cette brochure donne des instructions que les emplois dangereux, en particulier, doivent être traités par un spécialiste de l'industrie. La personne de maintenance qualifiée en atelier et le spécialiste de l'industrie sont définis comme suit.

La personne de maintenance qualifiée en atelier

- Un personnel de service doit avoir de l'expérience dans les opérations de machines de jeux. Le personnel est responsable pour l'assemblage, l'installation, l'inspection et l'entretien de la machine.

Le spécialiste de l'industrie

- Un spécialiste de l'industrie doit être engagé dans la conception, la fabrication, l'inspection et l'entretien des appareils d'amusement.
Il ou elle doit avoir une formation en génie électrique, électronique et mécanique, et de maintenir régulièrement et de réparer les appareils d'amusement.

PRÉCAUTION D'EMPLOI

ATTENTION

Si il y a une anomalie comme fumée, mauvaise odeur ou bruit anormal émis par la machine,  couper immédiatement l'interrupteur principal et débranchez le câble d'alimentation de la prise pour arrêter son fonctionnement.

- L'utilisation de l'appareil dans des conditions anormales peut provoquer un incendie ou un accident.

En cas d'anomalie

1. Mettez l'interrupteur principal sur ARRÊT.
2. Débranchez le câble d'alimentation de la prise.
3. Contactez votre revendeur le plus proche.

Ne pas brancher le câble d'alimentation incorrectement ou le laisser être recouvert de poussière. 

Cela pourrait nuire le câble d'alimentation.

PRUDENCE

Ne pas utiliser ce produit ailleurs que dans les zones industrielles. 

- L'utiliser dans une zone résidentielle ou d'une zone à côté d'un quartier résidentiel pourrait nuire à la réception des radios, téléviseurs, téléphones, etc.
- Ne donnez pas de choc à la surface d'un produit en verre.

- S'il vous plaît ne pas jouer à ce jeu.
 - Quand vous buvez;
 - Lorsque votre condition physique n'est pas normale;
 - Lorsque vous êtes dans une période de grossesse;
 - Lorsque vous avez un contrôleur d'impulsion;
 - Lorsque vous avez récemment subi une crampe ou évanouissement en regardant la télévision.
- Évitez une force excessive / un choc pendant la lecture / de déplacer le jeu.
- Quand vous jouez les jeux, faites attention aux alentours.

Ne pas brancher ou débrancher le câble d'alimentation avec les mains mouillées. 

Dans la manipulation du câble d'alimentation, suivez les instructions ci-dessous. 

- | | |
|--|---|
| • Ne pas endommager le câble d'alimentation. | • Ne pas modifier le câble d'alimentation. |
| • Ne pas plier le câble d'alimentation de manière excessive. | • Ne tordez pas le câble d'alimentation. |
| • Ne pas chauffer le câble d'alimentation. | • Ne tirez pas sur le câble d'alimentation. |
| • Ne pas lier le câble d'alimentation. | • Ne montez pas sur le câble d'alimentation. |
| • Ne pas prendre en sandwich le câble d'alimentation. | • Ne pas mettre un clou dans le câble d'alimentation. |

Si la fiche du câble d'alimentation ou est endommagé, cessez immédiatement d'utiliser la machine et demandez à votre revendeur le plus proche de remplacer les pièces.

PRÉCAUTION D'EMPLOI

ATTENTION

Assurez-vous de consulter un spécialiste de l'industrie lors de la mise en place, du déplacement ou le transport de ce produit.

- Ce produit ne doit pas être mis en place, déplacé ou transporté par une quelconque autre qu'un spécialiste de l'industrie.
- Lors de l'installation de ce produit, installez 4 niveleurs de pieds uniformément sur le sol et assurez-vous que le produit est installé de façon stable dans une position horizontale. Une installation instable peut entraîner des blessures ou un accident.
- Lors de l'installation de ce produit, ne pas appliquer une force excessive sur les pièces mobiles. Sinon, des blessures et des accidents peuvent y résulter, ou le produit peut être endommagé.

La machine pour une utilisation en intérieur uniquement, ne pas installer à l'extérieur.

N'installez pas la machine de jeu près des issues de secours.

Protéger la machine de jeu de:

- L'humidité ou la pluie.
- La lumière directe du soleil.
- La chaleur directe de la climatisation et du chauffage, etc...
- Des substances inflammables dangereuses.
- Sinon, un accident ou un dysfonctionnement.

Ne pas placer les récipients contenant des produits chimiques ou de l'eau sur ou près de la machine de jeu.

Ne placez pas d'objets à proximité des orifices de ventilation.

Ne pas plier le cordon d'alimentation par la force ou de placer des objets lourds au-dessus.

Ne jamais brancher ou débrancher le cordon d'alimentation avec les mains mouillées.

Ne jamais débrancher la machine de jeu en tirant le câble d'alimentation.

PRUDENCE

Veillez à utiliser le câblage intérieur selon les exigences de tension spécifiées. Pour une rallonge, utilisez la notation spécifiée ou plus.

Veillez à utiliser le cordon d'alimentation fourni.

Ne jamais brancher plus d'un cordon à la fois dans la prise électrique.

Ne pas poser le cordon d'alimentation où les gens marchent à travers.

Soyez sûr de mettre à la terre ce produit.

Ne pas exercer une force excessive lors du déplacement de la machine.

Pour une ventilation correcte, garder la machine de jeu 100mm (4 ") loin des murs.

Ne pas modifier les réglages des commutateurs DIP liées au système.

PRÉCAUTION D'EMPLOI

⚠ ATTENTION

Veillez à éteindre l'interrupteur d'alimentation principale et débranchez le cordon d'alimentation de la prise avant d'inspecter ou de nettoyer la machine. 

Lors du remplacement des pièces, veillez à utiliser une partie des spécifications correctes. Ne jamais utiliser de pièces autres que celles spécifiées. 

L'ouverture à l'intérieur de la machine doit être effectuée par le spécialiste de la machine seulement, comme le courant électrique élevé est transmis à l'intérieur. Pour la machine de jeu avec le moniteur, un soin doit être pris lors de l'ouverture de sa porte arrière. Si non, une détérioration des pièces à l'intérieur ou à l'écran peut se produire. 

Si l'interrupteur secondaire du panneau de service est éteint sans éteindre le commutateur d'alimentation principale de l'unité d'alimentation, certaines parties dans les unités restent sous tension. Lors de l'ouverture de la porte arrière, veillez à éteindre l'interrupteur d'alimentation principale et débranchez le cordon d'alimentation de la prise. 

Il est strictement conseiller de s'abstenir de démonter et de réparer des pièces qui ne sont pas indiqués dans ce manuel, ainsi que les paramètres et le remodelage. 

Pour nettoyer la machine de jeu, l'essuyer avec un chiffon doux imbibé avec un détergent neutre.

- L'utilisation plus mince d'un autre solvant organique ou de l'alcool peut décomposer le matériel.
- Un choc électrique ou une défaillance de l'équipement pourraient être causés par la pénétration de l'eau à l'intérieur de la machine.

⚠ PRUDENCE

Les composants de la machine de jeu sont sensibles aux vibrations et aux chocs. Il faut faire attention lors du déplacement et le transport de la machine de jeu. 

Veillez à ne pas laisser la machine se renverser.

Avant de déplacer la machine, veillez à éteindre l'interrupteur d'alimentation principale, débranchez le cordon d'alimentation de la prise et débranchez le cordon d'alimentation de la machine. 

Avant de déplacer la machine, la mettre hors des niveleurs et le déplacer sur les roulettes.

Éviter une force excessive lors du déplacement de la machine.

PRÉCAUTIONS LORS DU MANIEMENT

- Lors de la mise en place, l'inspection, l'entretien, déplacement ou le transport de ce produit, suivez les procédures et les instructions énoncées dans ce manuel et effectuer ce travail en toute sécurité.
- Ne pas mettre en place, manipuler, inspecter, entretenir, déplacer ou transporter ce produit dans des conditions équivalentes à l'état de "ATTENTION" ou "PRUDENCE" spécifiée dans ce manuel.
- Si un nouveau propriétaire obtient ce produit à la suite d'un transfert, etc., soyez sûr de donner ce manuel au nouveau propriétaire.

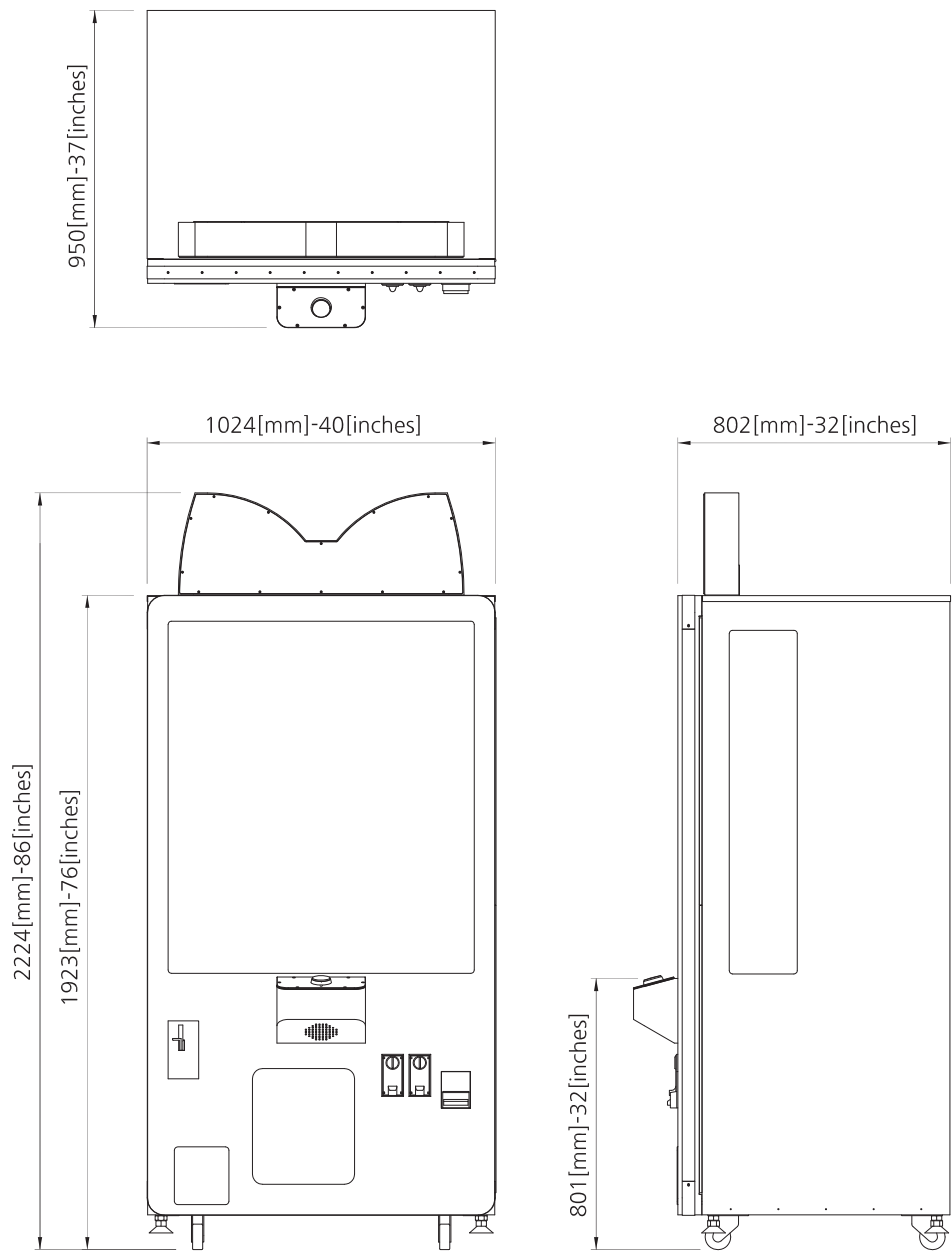
CONTENTS

1. SPECIFICATION AND DIMENSION	P02	7. TROUBLESHOOTING	P25
1-1. DIMENSION	P02	7-1. IN CASE OF POWER FAILURE	P25
1-2. SPECIFICATION	P02	7-2. MOTOR ERROR	P25
1-3. NAME OF PARTS	P03	7-3. MICRO SWITCH ERROR	P26
1-4. STICKER LOCATION	P04	7-4. COIN SELECTOR ERROR	P27
1-5. COMPONENTS	P04	7-5. SOUND ERROR	P28
2. INSTALLATION	P05	7-6. BUTTON & COUNTER ERROR	P29
2-1. INSTALLATION	P05	7-7. SETUP LCD ERROR	P30
2-2. PRECAUTIONS FOR USE	P05	7-8. FRONT LIGHT DECO PCB & CREDIT FND, TIME FND ERROR	P31
2-3. READER AND CARD READER	P05	8. PART LIST	P32
RELATED BILLS		8-1. EXPLODED VIEW	P32
2-4. HOW TO INSTALL BILLBOARD	P06	8-2. LIST	P33
2-5. HOW TO INSTALL	P07	9. WIRING DIAGRAM	P34
3. GAME CHARACTERISTICS	P08		
4. HOW TO PLAY	P08		
5. SETUP SETTINGS	P09		
5-1. MACHINE SETUP	P09		
5-2. STATUS MODE	P10		
5-3. SETUP MENU	P12		
* GSM SENDING MESSAGE LIST	P16		
5-4. TEST MENU	P17		
5-5. ERROR CODE	P21		
6. HOW TO REPLACE MAJOR	P23		
COMPONENTS			
6-1. REPLACING MAIN PCB & IO PCB	P23		
6-2. REPLACING COIN SELECTOR	P23		
6-3. REPLACING PRIZE DISPENSER MICRO SWITCH & MOTOR	P24		

1. SPECIFICATION AND DIMENSION



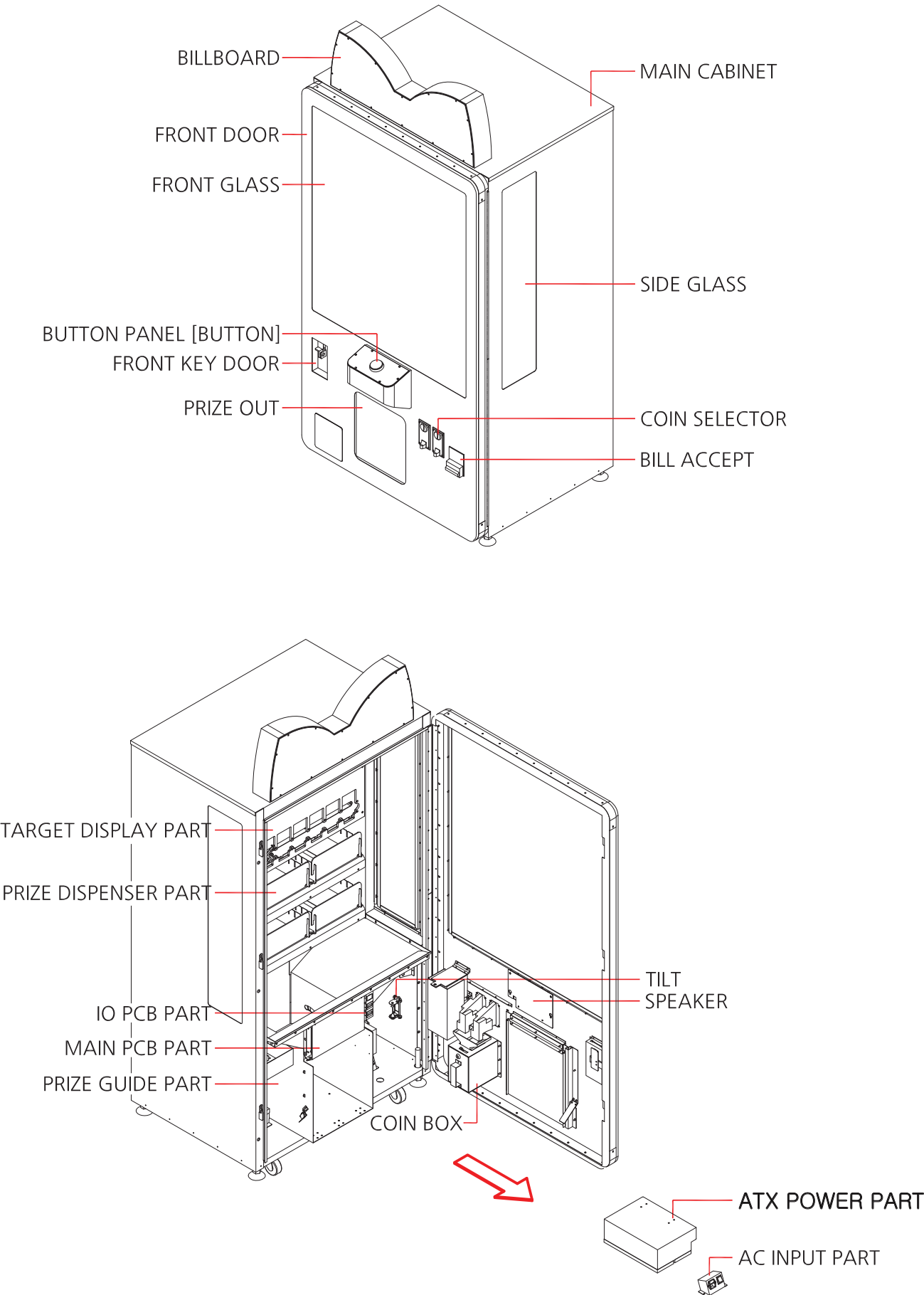
1-1. DIMENSION



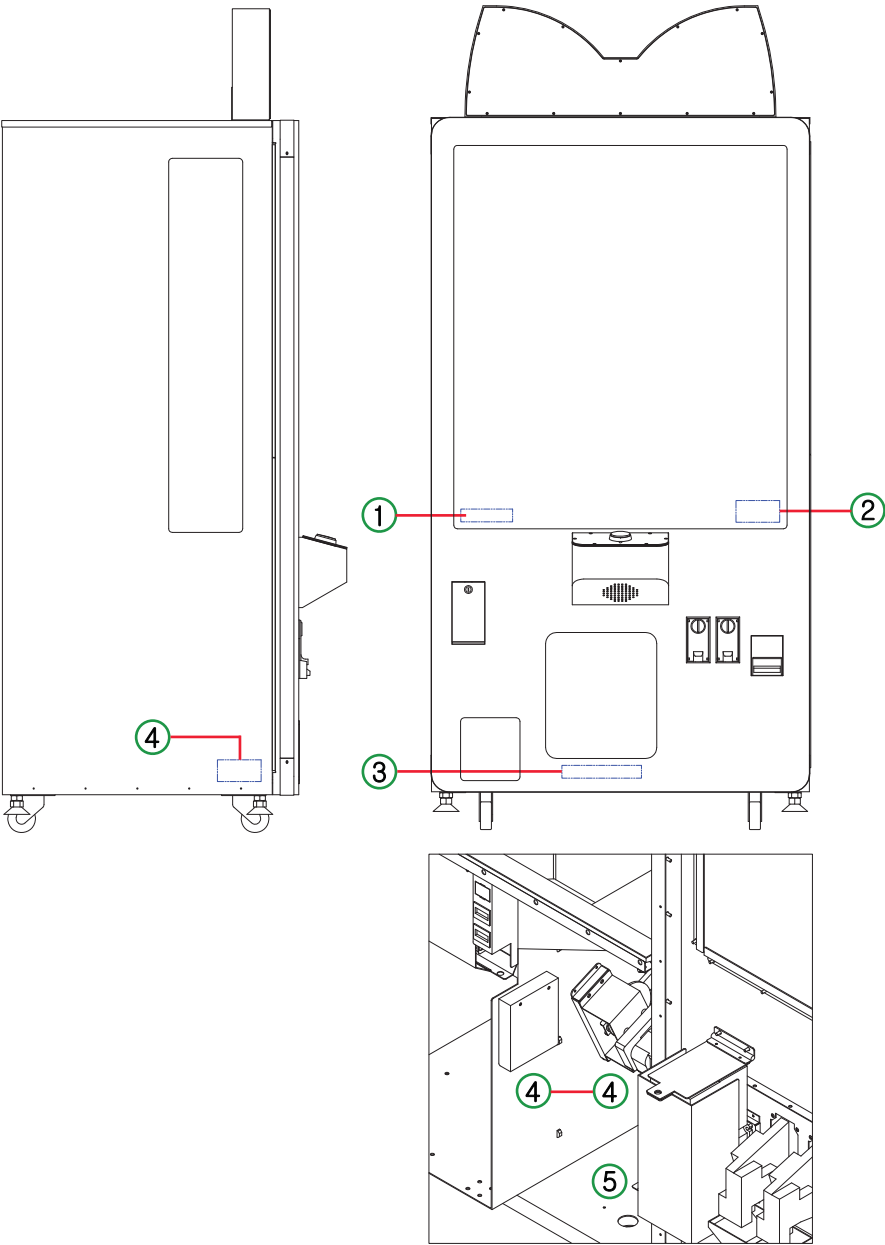
1-2. SPECIFICATION

DIMENSION(W x D x H)	1024 x 802 x 2224 (mm)
PACKING DIMENSION (W x D x H)	1150 x 850 x 2050 (mm)
WEIGHT (kg)	283kg [WEIGHT INCLUDING PACKAGING : 300kg]
VOLTAGE	AC 120V
FREQUENCY RANGE	60Hz
CONSUMPTION	180W
CERTIFICATION	-

1-3. NAME OF PARTS



1-4. STICKER LOCATION



1

DO NOT PUSH OR HIT THIS.
IT WOULD BE DAMAGED.

: Do not beat me up by sliding glass.
May be damaged.

2

WARNING

GAME IS EQUIPPED
WITH SHAKE ALARM
ALARM WILL SOUND
IF SHAKEN

: An alarm to sound when shaken products
Alarm is equipped with a device.

3

CAUTION **Watch your head or hands!**

: Beware of the head and hands exit prizes.

4

CAUTION

*For continuous protection
against risk of fire, replace only with the
same type 10A-250V fuse*

*Pour une protection
continue contre les risques d'incendie,
remplacer un fusible avec seulement
le même type 10A-250V*

5

WARNING

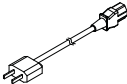
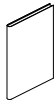
Except service personnel, please never
open the product as there is a risk of
electric shock.

Il y a un risque d'électrocution, n'ouvrez
pas le produit excepté le responsable,
s'il vous plaît.

6

**1 YEAR
LIMITED
WARRANTY**

1-5. COMPONENTS

NO.	PART NAME	SPEC.	QTY
1	AC POWER CORD	110V or 220V 	1
2	KEY	6001 	1
3	KEY	7001 	1
4	BOLT	M4x10L 	8
5	WRENCH	2.5mm, 4mm 	1
6	MANUAL	- 	1

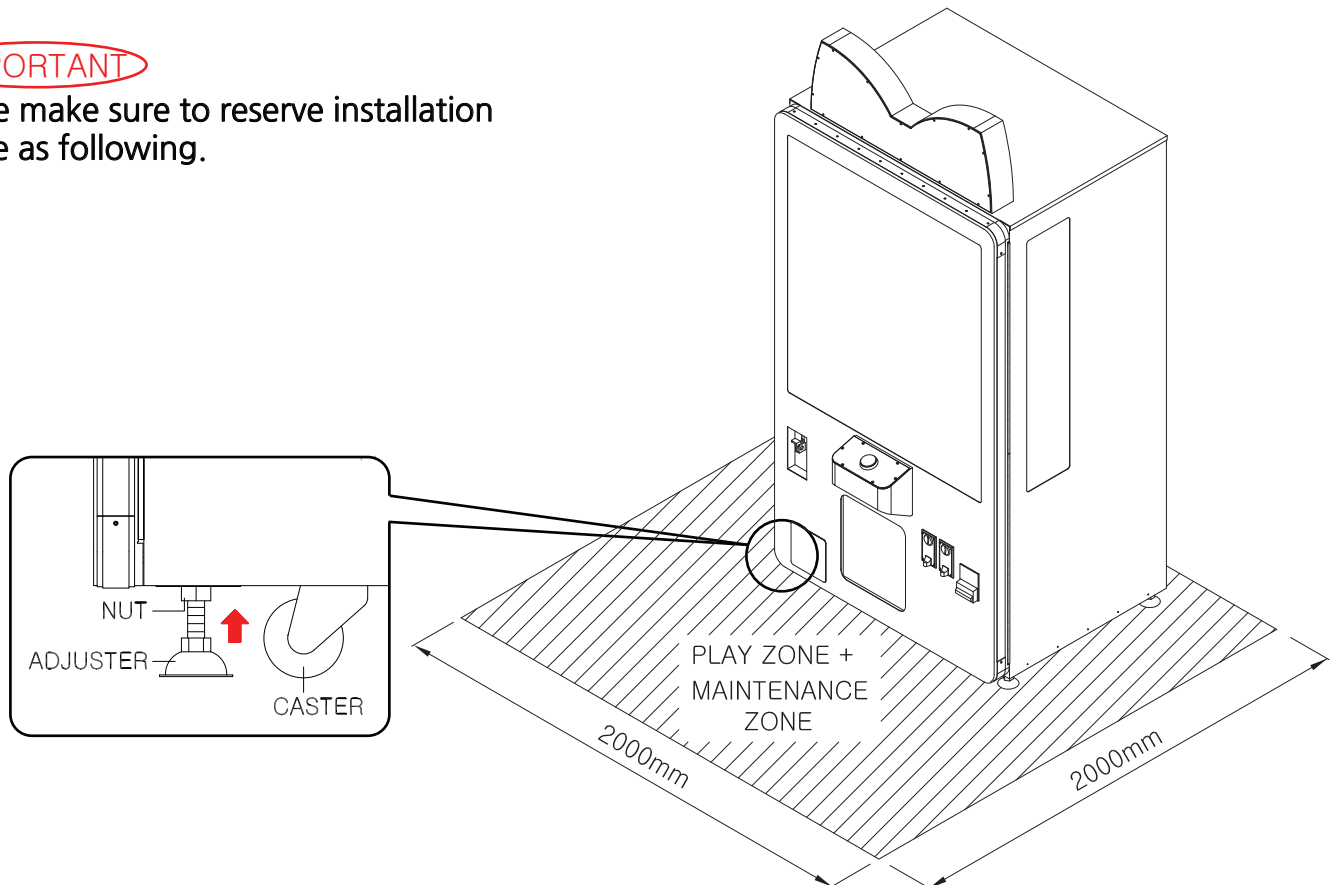
2. INSTALLATION

2-1. INSTALLATION SPACE

- Need to have installation place.
Maintenance Zone & Play zone should have at least 2000mm x 2000mm each.

IMPORTANT

- Please make sure to reserve installation space as following.



2-2. PRECAUTIONS FOR USE

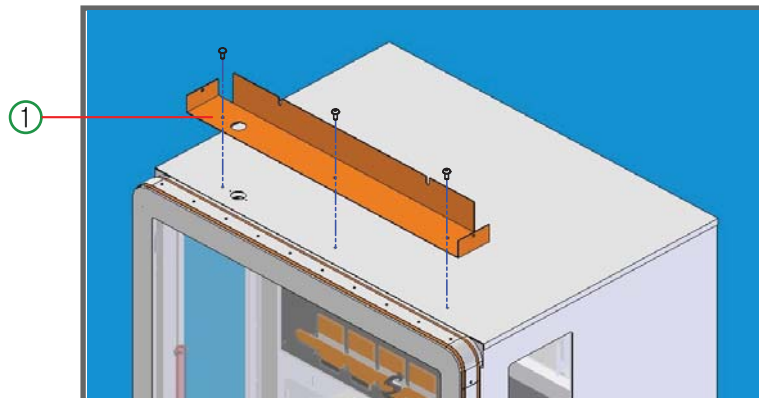
- * Optimum temperature for game operation is between -10°C to 45°C. Installing/operating the game outside given temperature range may cause malfunction or damages to the components.

2-3. READER AND CARD READER RELATED BILLS

- This machine can install Credit Card Reader or Bill Acceptor as an Option.

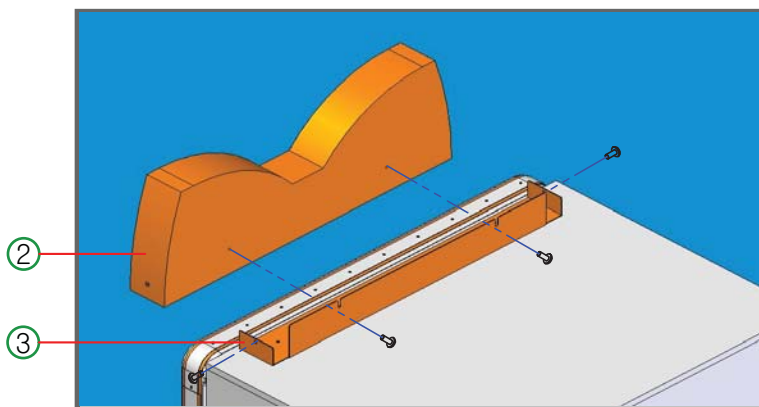
2-4. HOW TO INSTALL BILLBOARD

1



- ① Fix BILLBOARD PART FIX BKT by fasten M6 bolts on the upper side of cabinet. [3 places]

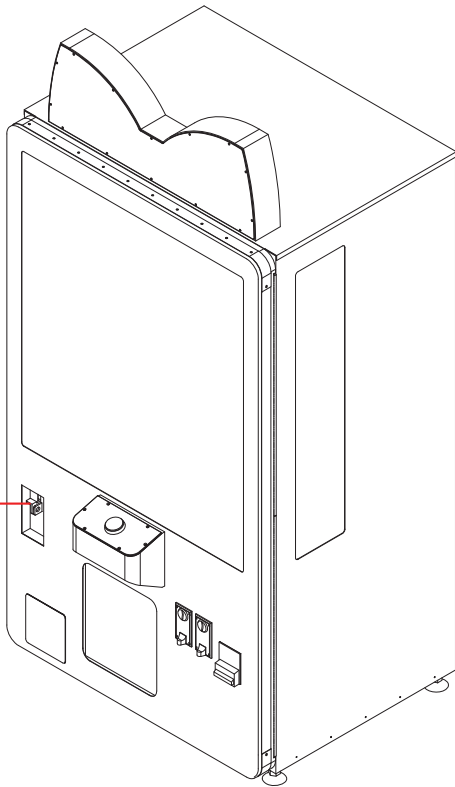
2



- ② Combine BILLBOARD FRAME and ③ BILLBOARD PART FIX BKT [M6 bolts, 4 places]

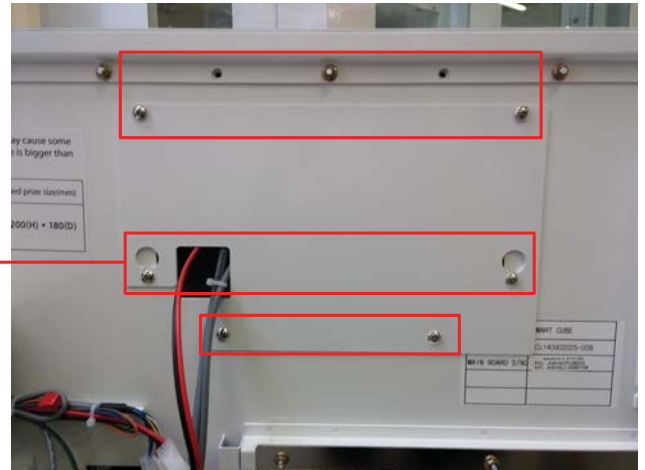
2-5. HOW TO INSTALL

1



- ① Open door using door bracket.

2



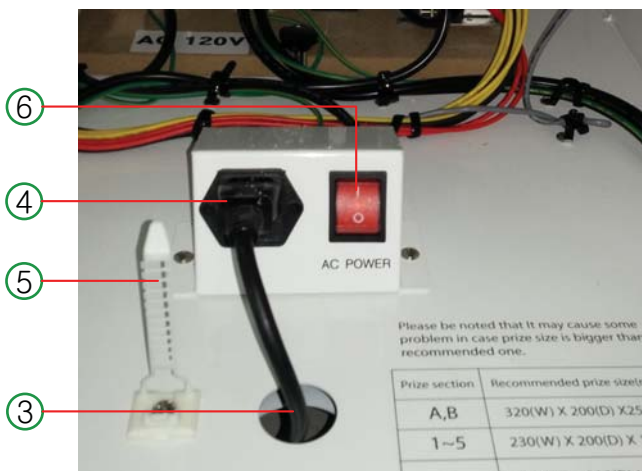
- * BUTTON FRAME PART + FRONT DOOR BUTTON CASE REAR
- After fasten bolt in Button panel Ass'y, hang it on cabinet using holes (2Ea: ②). Then fasten rest of bolts (M4 bolt x 8Ea). Connect main connector with cable from button panel ass'y

3



- Complete the Ass'y as shown picture.

4

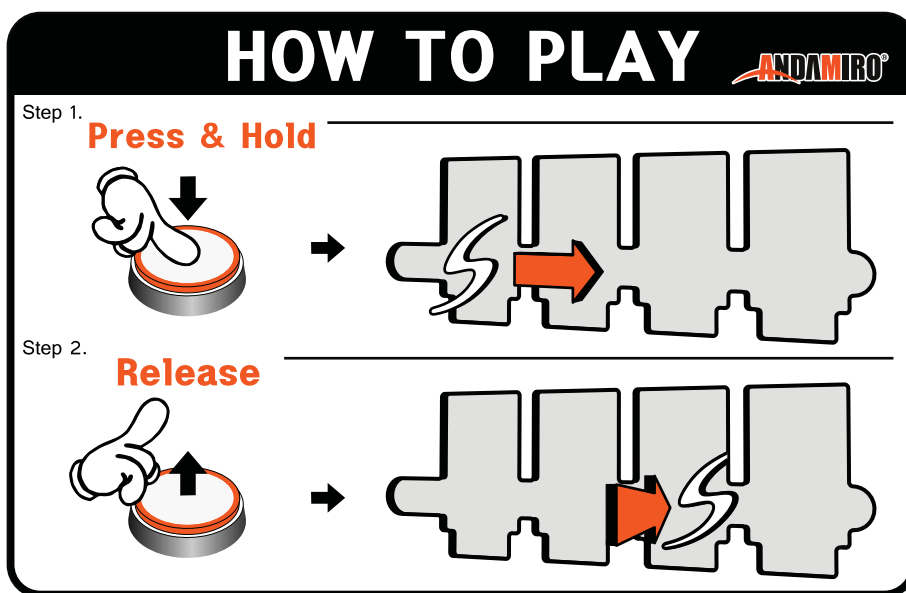


- Connect AC Cord in Control panel ④ through internal hole ③ and fix it with cable tie ⑤.

3. GAME CHARACTERISTICS

- 3-1.** MAGIC SHOT is a prize redemption game with most accurate payout control using the stepping motor.
- 3-2.** Unsurpassed ample prize display capacity enables operator to use various eye-catching prizes, and making MAGIC SHOT the most operator-friendly prize redemption game.
- 3-3.** Unsurpassed ample prize display capacity enables operator to use various eye-catching prizes, and making MAGIC SHOT the most operator-friendly prize redemption game.
- 3-4.** Optical illusion, orchestrated by the hidden delicate designs on the moving arm and the target holes, boosts confidence of the players.
- 3-5.** It's attention-grabbing, sophisticated, modern design will ensure MAGIC SHOT a prosperous and luxurious addition to all locations.

4. HOW TO PLAY



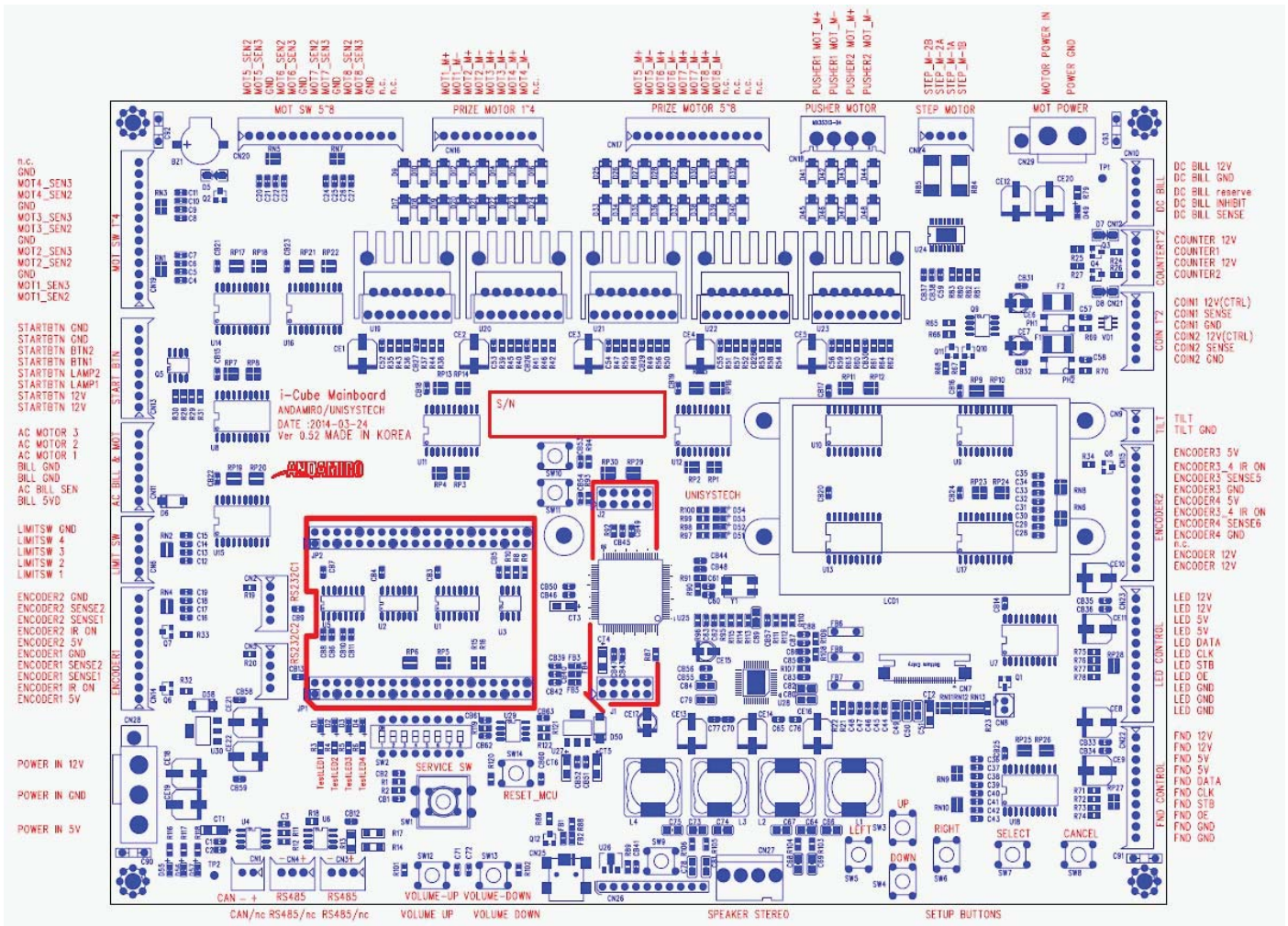
- 4-1.** Choose a desired prize on display either by numbers or A,B.
- 4-2.** When the arm reaches the target hole, release the button. The arm to target number/A,B
- 4-3.** Release the button when the arm reaches the target hole. When the arm enters the hole successfully, desired prize pays out.
- 4-4.** Unsuccessful trial ends the game.

5. SETUP SETTINGS

5-1. MACHINE SETUP

1. HOW TO ENTER SETUP MENU

- 1 There is "Control panel" inside cabinet. User may set any setting using following.



[MAIN PCB]

2. SOUND VOLUME

- On the left below of AO mainboards, 2 buttons for Sound volume of the game exist Left button to lower volume, Right button to higher it.
- The basic set value is **88**. It adjusts by 2, you can set from 0~100
- If you push the button on Total Status Window, the Volume value shows as belowed Window in a moment and then come back to the original screen

* TOTAL STATUS *

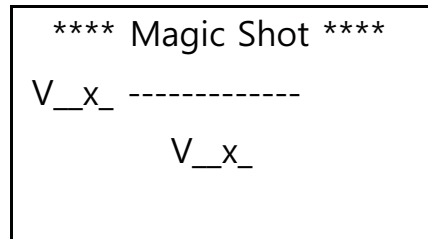
V_x_ -----
Volume : 88

3. SERVICE BUTTON

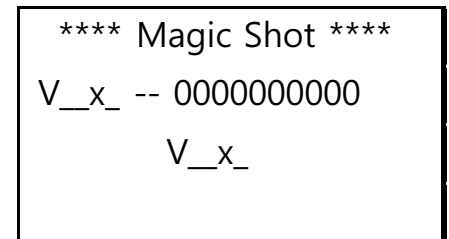
- On the below of CPU in Cube AIO Mainboard, there is a button for providing the Free Credit or the Credit for Gaming in a case of Test
For each puching the button, Play Credit is increasing by 1. Counter Meter does not being increased.

4. SETUP LCD & SET BUTTON

- The SETUP LCD on the right side of Cube AIO Mainboard has fuctions for checking the machine status or changing, saving and testing the user set value.
When you power on, below screen shows and Program Version displays.



Basic Type



GSM Type(Optional)

5. BUTTON INSTRUCTIONS FOR USE

- There are Up/Down/Right/Left/Select/Clear button on panel.
All buttons can perform different functions depending on whether it's a short press or a long press & hold on the button(s).

[↑ ↓] Up/Down Button : To move up and down the menu.
[← →] Left/Right Button : To change the set values (-/+) after pressing Select button.
pressing Select button.

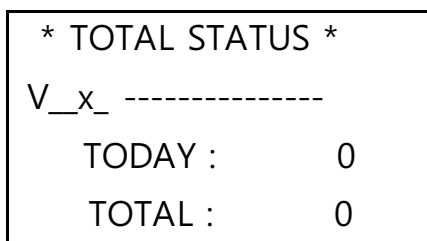
SELECT Button : To select desired menu. Changing Set Value.

CLEAR Button : To reset to Factory setting / Hole Check

- * **Calibration of MAGIC SHOT is the first thing you should do when you start the machine for the first time after installation.**
Calibration is testing the functions of components and can affect the setting of the payout rates Calibration can be performed by Calibration of SET MENU.

5-2. STATUS MODE

1. COIN COUNT

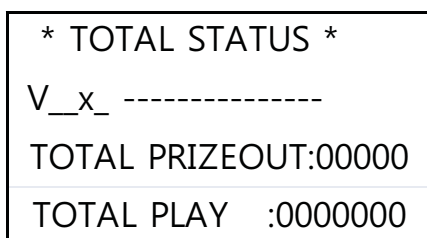


- 'TODAY' DISPLAYS THE INSERTED COINS AFTER OPERATORS INITIALIZE THE SATUS.

1) On the field, Operators can initialize by long-key on [CLEAR] button
2) Or by performing "Initialize setup"

'Total' is total inserted coins, It is impossible to erase and it can not be erased.

2. TOTAL PRIZE OUT



- 'TOTAL PRIZEOUT' means the total number of discharged prizes and not able to remove or delete.

If win a game, prize is discharged from the targeted hole.
In this connection, at a time of Prizeloader touches the Front SW, it adds one at each time on total discharging prize number.
'TOTAL PLAY' is total game played times, Bonus games also include.
It is impossible to erase and it can not be erased.

3. CREDIT COUNT

* TOTAL STATUS *
V__x_ -----
CREDIT COUNT
00 +00

- Displays a two-digit display, up Credit Limit set by the Set Menu.
Play quantities and can be injected, including the corresponding bonus amount 00 in front of, The number of the service du Coin is +00.
The front panel displays the combined quantity gaming Credit FND has.

4. PRIZE OUT & PLAY COUNT (CELL A,B & 1~6)

* ROW STATUS:A * V__x_ ----- PRIZE OUT TOTAL 0 00000	* ROW STATUS:B* V__x_ ----- PRIZE OUT TOTAL 0 00000	
* ROW STATUS:1 * V__x_ ----- PRIZE OUT TOTAL 0 00000	* ROW STATUS:2 * V__x_ ----- PRIZE OUT TOTAL 0 00000	* ROW STATUS:3 * V__x_ ----- PRIZE OUT TOTAL 0 00000
* ROW STATUS:4 * V__x_ ----- PRIZE OUT TOTAL 0 00000	* ROW STATUS:5 * V__x_ ----- PRIZE OUT TOTAL 0 00000	* ROW STATUS:6 * V__x_ ----- PRIZE OUT TOTAL 0 00000

Displays Prize Out q'ty of the holes and the attempted times of each hole.

5. TILT(SHAKE) ERROR COUNTS

* ERROR TILT=00X *
V__x_ -----
CREDIT COUNT
00 +00

X : Error Tilt error counts

Tilt Error is when the machine get some outside shock. When Tilt gets contacts more than 1 time, Error Event will proceed for 10 secs and then transfer to the normal mode.
Press [CLEAR] button to initailize the TILT ERROR count.

5-3. Press and hold [SELECT] button in "STATUS MODE" to enter "SET-UP MENU".

1. VERSION DISPLAY

*SET MENU *

V__x_ -----

***** Magic Shot *****

ANDAMIRO V__x_

2. PRIZELOADER REMOVE FUNCTION

Prize Out function of a specific prize cell can be disabled in case of malfunction of parts such as front/rear motor, and switches.

*** In case a player try to the nonfunctional Hole, at the entire hole area, the Bar of Pusher does not go forward from stop position and it returns to Home.

*SET MENU * V__x_ ----- Hole X-A PrizeLoader Enabled	*SET MENU * V__x_ ----- Hole X-B PrizeLoader Enabled	
*SET MENU * V__x_ ----- Hole X-1 PrizeLoader Enabled	*SET MENU * V__x_ ----- Hole X-2 PrizeLoader Enabled	*SET MENU * V__x_ ----- Hole X-3 PrizeLoader Enabled
*SET MENU * V__x_ ----- Hole X-4 PrizeLoader Enabled	*SET MENU * V__x_ ----- Hole X-5 PrizeLoader Enabled	*SET MENU * V__x_ ----- Hole X-6 PrizeLoader Enabled

- 1) "[Enabled]" displays, when you push [SELECT] Button and then enter into the funtion change mode.
- 2) Change the value with {^},{v}Button
- 3) On the screen, it displays as below. (Example 1 hole)

*SET MENU *

[Disabled: 1]

Hole X-1 PrizeLoader

[Disabled]

- 4) Press [SELECT] button to disable the specified prize cell.
- 5) Is displayed on all the screen is still Prizebox.

* TOTAL STATUS *

[Disabled: 1]

TODAY : 0

TOTAL : 0

- 6) In order to recover the function after repairing PrizeLoader, change the probability of the allocated hole into the value you want.

3. CHANGING HOLE CHECK STARTING POSITION

```
*SET MENU *
V__x_ -----
      Offset: 000
```

Function to change the location in case of the first performing point is on right side to the left side of first target when you perform "Hole Check" or "Factory Initialize".

- 1) Setting range is **-20 ~ +20** (Default : **0**).
- 2) Press [SELECT] button to enter "PAY OUT SET-UP" (Default : **0**).
- 3) Change the Values by [Up],[Dn]Button.
{<} : Increase, {>} : Decrease
- 4) If you set (-) value, the origin point moves more left to the basic location. If you set (+) value, the origin point moves more right to the basic location.
- 5) Press [SELECT] button to save all changes.

Default is 4 coins per play (Range : **1~10**).

1 Credit 2 Play also can be set.

2 Credit 4 Coin is the setting

Basic value is \$1 per play. In case of 4 coin setting, it is 4, you can change it as 1~10, 2 credit 4 coin.

4. 1 PLAY COIN NUMBER

```
*SET MENU *
V__x_ -----
      Credit   Set
      1 Credit 4 Coin
```

5. COIN Q' TY PER 1 BILL

```
*SET MENU *
V__x_ -----
      Coin per Bill
      1-Bill= 4 Coin
```

It is coin q'ty shown when 1 bill is inserted on the machine, the basic value is **4** and can be changed from **1 to 20**.

6. CREDIT LIMIT SETTING

```
*SET MENU *
V__x_ -----
      Credit Limit
      Max Credit= 20
```

Maximum number of coin(s) up credits allowed.

Default coin up limit is **20** (Range : **1~ 100**).

7. PLAY TIME LIMIT

```
*SET MENU *
V__x_ -----
      Time Limit
      30 Sec
```

Default play time is **30** seconds

(Range : **10 ~ 60** sec).

8. DEMO SOUND

```
*SET MENU *
V__x_ -----
      Demo Sound
      On
```

Turn ON/OFF demo sound.

Default=**On**

9. EXAMPLE SETTING FOR PRIZELOADER ON GAME

```
*SET MENU *  
V__x_ -----  
Prize Show-off  
Off
```

Setting Modes for moving Pusher Bar on forward/backward in front of the PrizeLoader of allocated hole when you stop the push bar on any hole location on game.

- PrizeLoader example forward mode On/Off Setting.
- Default=Off (example function of moving forward a little and backward)

* Belowed 3 settings 10. attached GSM Module No setting 11. GSM Message DATA transmitting term setting 12. Receiver Phone No setting
Only applicabe when you attache the Communication Module which Is Option Item

10. ATTACHED GSM MODULE NO SETTING (APPLICABLE FOR ATTACHMENT WITH THE COMMUNICATION MODULE WHICH IS OPTION ITEM)

```
*SET MENU *  
V__x_ -- 0000000000  
GSM NO.  
From : 0000000000
```

Input the USIM Number which is the No of communication GSM Module attached on Game Machine. GSM Module tranfer Game Data, Erro Code, Prize out Data, Front Door of Game machine and Power On status to the Receiver instantly or on the time interval which is set up in previous.

- 1) Basic Value is 0000000000 and USIM Phone Number for Data transferring is not set up.
- 2) "[0000000000]" displays, when you push [SELECT] button and enter into Chagne Mode.
- 3) You can move to change location by {<},{>}Button
{<} : Move Left , {>} : Move Right
- 4) After moving to the location you want to change, change the value by the {Up},{Dn}Button.
Setting Variation is 0~9, Blank.
{Up} : increase, {Dn} : decrease
- 5) Push [SELECT] Button after cahnging the Value.

11. SETTING THE TANSFER INTERVAL OF GSM MESSAGE DATA (APPLICABLE FOR ATTACHMENT WITH THE COMMUNICATION)

```
*SET MENU *  
V__x_ -- 0000000000  
Select Call Mode  
6 Hour
```

*** You can set up the transferring interval of game management data related to the profit, TODAY/TOTAL DATA to the receiver.

- 1) Basic setting is 6 hours.
- 2) When you push [SELECT] Button, you enter to the mode of Probability change, "[6 hour]" displays.
- 3) After moving to the location you want to change, change the value by the {Up},{Dn}Button.
The Set up is Power On, 4, 6, 8, 12, 24 Hour.

Notice : No Data Transferring when Off is set.
{Up} : increase, {Dn} : decrease

- 4) Push [SELECT] Button after cahnging the Value.

12. SETTING RECEIVER'S PHONE NO (APPLICABLE FOR ATTACHEMENT WITH THE COMMUNICATION MODULE WHICH IS OPTION ITEM)

*SET MENU *

V__x_ -- 0000000000

Receiver Phone No.

To #1: 0000000000

*** Input the receiver's phone number which will receive game data, Error Code, Prize Out Data.

- 1) The Basic is 0000000000 and The phone No of Data Receiver is not set.
- 2) When you push [SELECT] Button, you enter to the mode of change, "[0000000000]" displays.
- 3) You can move to the change position by {<},{>}Button.
{<} : Move Left , {>} : Move Right
- 4) After moving to the location you want to change, change the value by the {Up},{Dn}Button.
The Set up value is 0~9, blank
{Up} : increase, {Dn} : decrease
- 5) Push [SELECT] Button after changing the Value.
- 6) 3 of Receiptant Phones No can be registered, you can change phones by {Up},{Dn}Button.

13. SAVE & EXIT

*SET MENU *

V__x_ -----

Save & Cancel

Press [SEL] & [CLR]

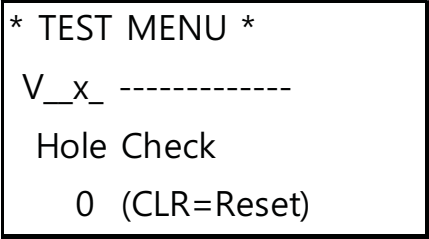
Exit after saving set up by pushing [SELECT] Button.
Exit without saving when you long key [CLEAR] Button.

[GSM SENDING MESSAGE LIST]

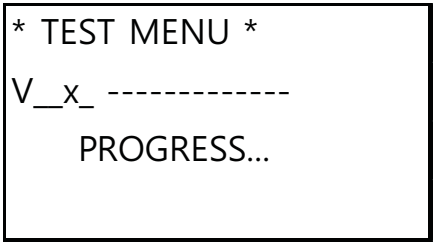
	CONTENT	SMS (Short Message Service)	DESCRIPTION
1	Power On/Off	(Real-time Transport)	
		Game is on ! Income Today=nnnnn / Income Total=nnnnnn	Transmit Power On
2	Front Door Status	(Real-time Transport)	
		Front Door Close Income Today=nnnnn / Income Total=nnnnnn	On Door closed, power on, when they are closed or Door Transport
		Front Door Open Income Today=nnnnn / Income Total=nnnnnn	When you open the Door Transport
3	Prize Out	(Real-time transmission at present emissions)	
		Prize Bin #1 Won Income Today=nnnnn / Income Total=nnnnnn	1 HOLE Prize Out
		Prize Bin #2 Won Income Today=nnnnn / Income Total=nnnnnn	2 HOLE Prize Out
		Prize Bin #3 Won Income Today=nnnnn / Income Total=nnnnnn	3 HOLE Prize Out
		Prize Bin #4 Won Income Today=nnnnn / Income Total=nnnnnn	4 HOLE Prize Out
		Prize Bin #5 Won Income Today=nnnnn / Income Total=nnnnnn	5 HOLE Prize Out
		Prize Bin #6 Won Income Today=nnnnn / Income Total=nnnnnn	6 HOLE Prize Out
		Prize Bin #7 Won Income Today=nnnnn / Income Total=nnnnnn	7 HOLE Prize Out
4	Income data	(Such as 4 hours, 6 hours, 8 hours, 12 hours, 24 hours	
		Income data according to the transmission time setting)	
		Income Today=nnnnn / Income Total=nnnnnn	TODAY :: After initialization income
			TOTAL :: Total income
5	Error report	(If an error occurs, real-time transmission)	
		EE Pr : AC-Motor Error	Prize out Error
		EE AC : AC-Motor Error	AC-Motor Error (AC Sensor is open or closed when all)
		EE S1 : AC-Motor Sensor 1 Error	AC-Motor Sensor 1 (Open switch) Error
		EE S2 : AC-Motor Sensor 2 Error	AC-Motor Sensor 2 (Close switch) Error
		EE F1 : Prize Motor Front Switch 1 Error	1 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE F2 : Prize Motor Front Switch 2 Error	2 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE F3 : Prize Motor Front Switch 3 Error	3 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE F4 : Prize Motor Front Switch 4 Error	4 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE F5 : Prize Motor Front Switch 5 Error	5 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE F6 : Prize Motor Front Switch 6 Error	6 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE F7 : Prize Motor Front Switch 7 Error	7 HOLE Prize Motor Front Switch Error (Front of the switch failure)
		EE r1 : Prize Motor Rear Switch 1 Error	1 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE r2 : Prize Motor Rear Switch 2 Error	2 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE r3 : Prize Motor Rear Switch 3 Error	3 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE r4 : Prize Motor Rear Switch 4 Error	4 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE r5 : Prize Motor Rear Switch 5 Error	5 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE r6 : Prize Motor Rear Switch 6 Error	6 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE r7 : Prize Motor Rear Switch 7 Error	7 HOLE Prize Motor Rear Switch Error (Rear of the switch failure)
		EE 06 : Pusher Success Switch Error	Pusher Rear SW. Error
		EE 08 : Pusher Return Switch Error	Pusher Front SW. Error
		EE 12 : Home Return Error	Home Return Error
		EE 15 : Tilt Warning !!	Tilt Warning !!

5-4. Press and hold UP & DOWN buttons at the same time to enter "TEST MENU" .

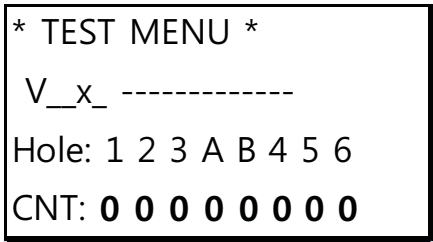
1. CHECKING HOLE POSITION(S)



Press the [CLEAR] Button, first, at the bottom of the consoles has yeodat 4th Prize Door.



Hole check displays as like below, the success time of each hole should be 1~3 times. Only 3 times below is permitted.



"Catn" displays on the front FND when you perform Calibration. "n" means the number of each hole. When it is done, "do ne" displays. In case of performing Calibration, if it is succeed at it's first try without failure or 2nd try, Error Event will be performed and "EE CA" Error Message shows on FND then the Game machine stops. After turning off the machine, please perform the calibration again after adjusting Arrow or Acryl Panel. Exit to upper menu mode by pushing [SELECT] BUTTON.

Acryl display[right below]_3H_from 4th time, Next screen is displayed, perform Erro Event, All Buttons are not functional.

Acryl display[right below]_1H_from 5th time, Next screen is displayed, perform Erro Event, All Buttons are not functional.



In this case, put off power and dissemble the S shape screw and then please fix the "S" shape srew by pusihng slightly in the clockwise direction or pushing in the counter clockwise direction slightly when the success times rates is "0". Turining on Power, By performing the process of Hole Check again, it should be checked 1~3 times in case of 3 and 1~4 times in case of 1H.

2. Prize Motor Test

* TEST MENU *

V__x_ -----

Prize Motor

ALL (CLR=PUSH)

*** Test the prize motor&switch on each prize cell.

- 1) Default is "ALL". If you press [CLEAR]Button all Prize Loader(8EA) are tested at the same time.
If Front switch detect prize loader, it will stop automatically.
And press [CLEAR]Button to return Prize loader to starting point.

* TEST MENU *

V__x_ -----

Prize Motor

ALL (CLR=PULL)

To return to the origin, again press the [CLEAR] Button is PrizeLoader 8 simultaneous retraction of motor and

When switching to Rear SW in PrizeLoader PrizeLoader 8ea all, you stop.

The test repeated each time you press the [CLEAR] Button.

- 2) If you want to select Prize loader, please enter select mode by pressing [SELECT]Button.
- 3) Using {<,>}Button Select Prize loader to test and press [CLEAR]Button to start testing.

3. Pusher Box Motor/Sensor Test

* TEST MENU *

V__x_ -----

Motor Test

Press SELECT Button

*** Motor Test tests the function of Prize Door, front Door SW. And it tests Sensor and Motor installed in Pusher box by moving Pusher box on all directions.

Press the [SELECT] Button comes next screen, and activate the Test Mode, Prize Out Door is closed, and this means that the sensing point.

* TEST MENU *

V__x_ -----

OP -- S2 X0 RL -- --

Press CLEAR TO Exit

1) Front Door SW.Test

On upper display status, tests the machine internal Main Door Open/Close SW. When SW. is not pushed down(Door open status), "OP" displays. When you push SW.(Door close status), "--" displays

2) Prize out Door Test

If you press start button on the status like picture, prize outdoor will be open and display S1. And Press Start button again, Prize outdoor will be closed and display S2

S1 : Door Open SW ON, S2 : Door Close SW ON

3) Pusher Box Motor/Sensor Test

3-A) For Pusher box testing, button functions for moving pusher box are as following.

{<} : Right, {>} : Left / {Up} : Up, {Dn} : Down

3-B) Once a sensor perceives movement of pusher Box, relevant sensor will be displayed.

Then next sensor is activated. Previous sensor will be shown as "--".

- Clt will display four items as following:

3-C) X0: Origin Sensor, RL:Rear Sensor, ML: Middle Sensor(Fail), FL: Front Sensor(Success)

* TEST MENU *

V__x_ -----

OP S1 S2 X0 RL ML FL

Press CLEAR to Exit

4) If you press Clear button after finishing Motor/Sensor Test, it moves to [Motor Test]

4. FACTORY INITIALIZE

```
* TEST MENU *  
V__x_ -----  
Factory Initialize  
Press CLEAR Button
```

*** All settings become the initial Factory setting status and Hole check performs,

If you push [CLEAR] Button, Hole check performs.
First of all, 4 times. open and close the Prize Door on the lower part of a machine.

```
* TEST MENU *  
V__x_ -----  
*Factory Initializing*  
Wait a Moment..
```

Hole check displays as like below, the success time of each hole should be 1~3 times.
Only 3 times below is permitted.

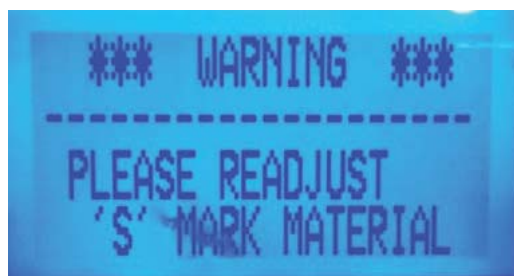
```
* TEST MENU *  
V__x_ -----  
Hole: 1 2 3 A B 4 5 6  
CNT: 0 0 0 0 0 0 0 0
```

"Ca tn" displays on Front FND of Machine when you perform Hole Check. "n" means the number of each hole.

In case of performing Calibration, if it is succeed at it's first try without failure or 2nd try, Error Event will be performed and "EE CA" Error Message shows on FND then the Game machine stops.
After turning off the machine, please perform the calibration again after adjusting Arrow or Acryl Panel.
When it completes, "do nE" displays.
Then it moves to the upper mode by pushing [SELECT] Button.

Acryl display[right below]_3H_from 4th time, Next screen is displayed, perform Erro Event,
All Buttons are not functional.

Acryl display[right below]_1H_from 5th time, Next screen is displayed, perform Erro Event,
All Buttons are not functional.



In this case, put off power and disassemble the S shape screw and then please fix the "S" shape srew by pusihng slightly in the clockwise direction or pushing in the counter clockwise direction slightly when the success times rates is "0".

Turining on Power, By performing the process of Hole Check again, it should be checked 1~3 times in case of 3 and 1~4 times in case of 1H.

5. INITIALIZING SET-UP VALUES

* TEST MENU *
V__x_ -----
Initialize Setup
Press CLEAR Button

*** Initialize all settings of "Set Menu" and some game data.
Press and hold [CLEAR] button to initialize the SET-UP values and data excluding calibration.
Calibration/Total is not affected.

6. SAVING THE TEST MENU AND EXIT

* TEST MENU *
V__x_ -----
Save & Cancel
Press [SEL] & [CLR]

Press the [SELECT] button to save the settings and exit the test menu.
press the [CLEAR] button to longkey without saving.

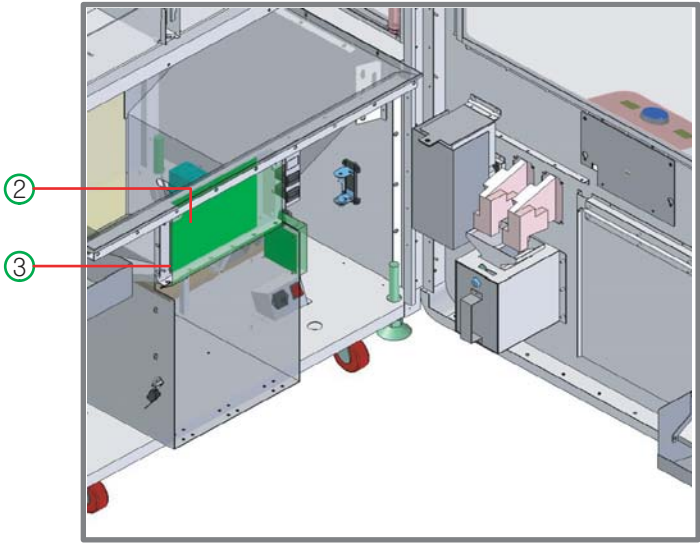
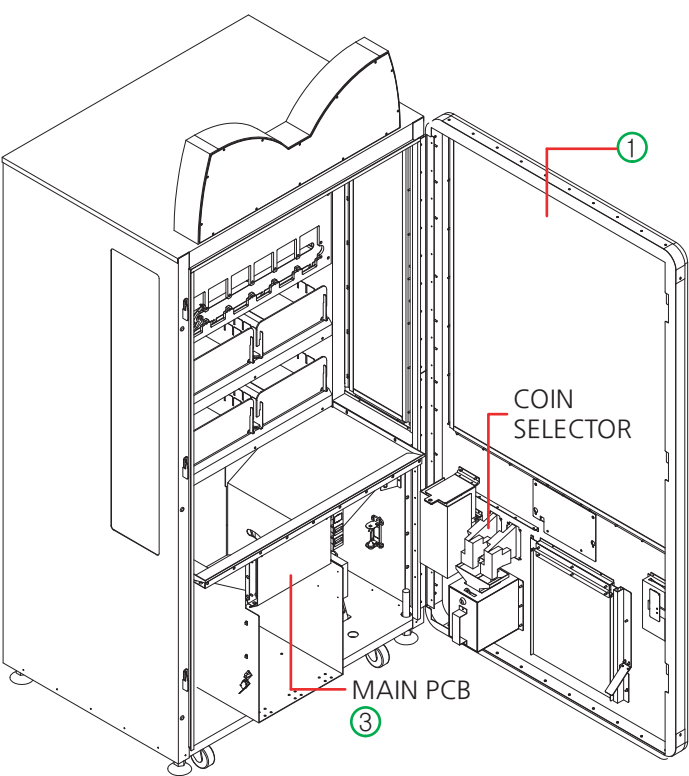
5-5. ERROR CODE

ERROR CODE	CONTENT	STATUS
1. EE-12	Home(Origin) Return Error - This Error code is generated in case of you cannot check the origin point due to origin point switch error or motors malfunction because the origin switch should be detected when you turn on the power or PusherBox returns back to origin point(Home) during the machine operation. Check and change the Origin switch or motor connected with PusherBox on back side of target Acryl inside of the machine.	ERROR EVENT, STOP
2. EE-AC	Prize Out Door Error - This Error code is generated in case of the prize door is closed when you turn on the power or the prize door is not working because the Prize door on the down side of the game should be opened and closed to dispense the prize when a game succeeds. Check and change the switch or motor connected with Prize Door.	ERROR EVENT, STOP
3. 	Prize Out Door Close S/W. Error - This Error code is generated in case of the prize door is not stopped at normal position or not working properly. In case of the prize door is closed when you turn on the power or when the game is succeed, prize door on the down side of machine should be closed after dispensing the prize.	ERROR EVENT, STOP
4. 	Prize Out Door Open S/W. Error - This Error code is generated in case of the prize door on the down side of the machine is not opening properly when you turn on the power or in case of game success because the prize door should be opened when Prize-Loader dispense the prize. Check and change the motor connected with Prize Door or the switch on open location (Rear SW.)	ERROR EVENT, STOP

5. EE-Ln	PrizeLoader Front S/W, Rear S/W Error n:Hole no. 1. If the initialization process, which checks Front SW of Prize Loader., And the Rear SW. Simultaneously when the power is turned on, 2. A check at the same time when the Front SW., And. Rear SW is in game mode or demo mode, which checks Error Code. 3. Inside that PrizeLoader Front SW., Check the Rear SW., Please replace.	ERROR EVENT, STOP
6. EE-Fn	PrizeLoader Front S/W or Motor Error n: Hole No. - This Error code is generated in case of a prize is not dispensed when a game succeeds and then the prize loader forwards in order to dispense the prize. Check and Change the motor on the back of PrizeLoader or the switch on Prizeloder(Front S,w)	ERROR EVENT, STOP
7. EE-rn	PrizeLoader Rear S/W or Motor Error n: Hole No. - This Error code is generated when you cannot check the origin point due to motor faulty or origin switch faulty because origin switch should be detected by returning back to origin point after the prizeloder dispenses a prize in case of game success or PrizeLoader is located at origin point when you turn on the power. Check and change the motor connected to the rear side of Prizeloder or the switch on origin point (Rear SW.)	ERROR EVENT, STOP
8. EE-06	Pusherbox Front/Back Moving Error, RARE SW ERROR - This Error code is generated in case of the bar of Pushbar succeeds but does not return back to Player direction after moving forward to the inner side. Check and Change the motor or the switch in the Pushbox.	ERROR EVENT, STOP
9. EE-08	Pusherbox Front/Back Moving Error, FRONT SW ERROR - This Error code is generated in case of the bar of pusher-box does not return back to Player side cause the bar should be at Player side after moving forward when you turn on the power or the machine is on operation. Check and Change the motor or the switch in the Push-box.	ERROR EVENT, STOP
10. EE-15	TILT Error - This Error code is generated in case of the machine is shaken or shocked. The machine will operate normally after performing the Error Event for 10 secs.	ERROR EVENT, NORMAL OPERATION
11. EE-CA	Calibration Error - In case of performing Calibration, if it is succeed at it's first try without failure or 2nd try, Error Event will be performed and "EE CA" Error Message shows on FND then the Game machine stops. After turning off the machine, please perform the calibration again after adjusting Arrow or Acryl Panel.	ERROR EVENT, STOP

6. HOW TO REPLACE MAJOR COMPONENTS

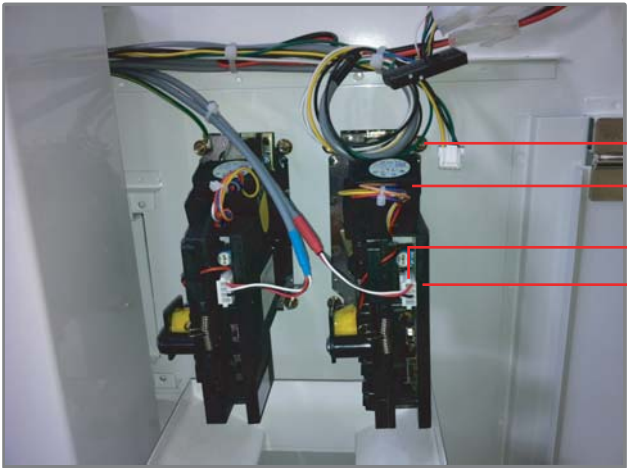
6-1) REPLACING MAIN PCB



- (1) Open ① the front door.
- (2) ② Remove bolt (size:M4)
- (3) ③ Remove the connector between Main PCB, and then replace the Main PCB.
- (4) Re-assemble the parts in reverse order.

NO.	PART NAME	SPEC.	CODE NO.
③	MAIN PCB ASS'Y	-	ASHS0PCB003

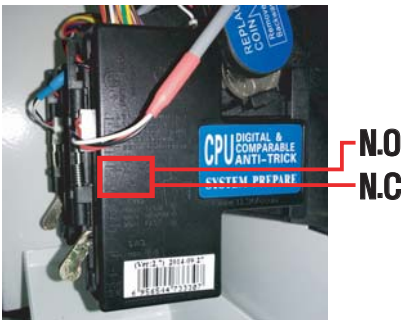
6-2) REPLACING COIN SELECTOR



- (1) Open ① the front door.
- (2) ② Remove the connector.
- (3) ③ Remove four bolts (size: M4) and nuts.
- (4) Remove the connector ④ Main PCB, and then replace the Main PCB.
- (5) Re-assemble the parts in reverse order.

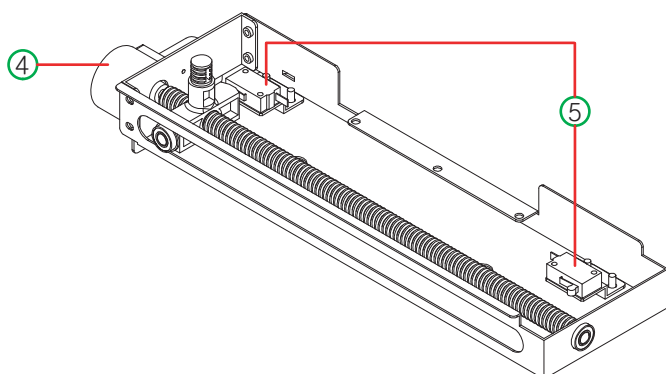
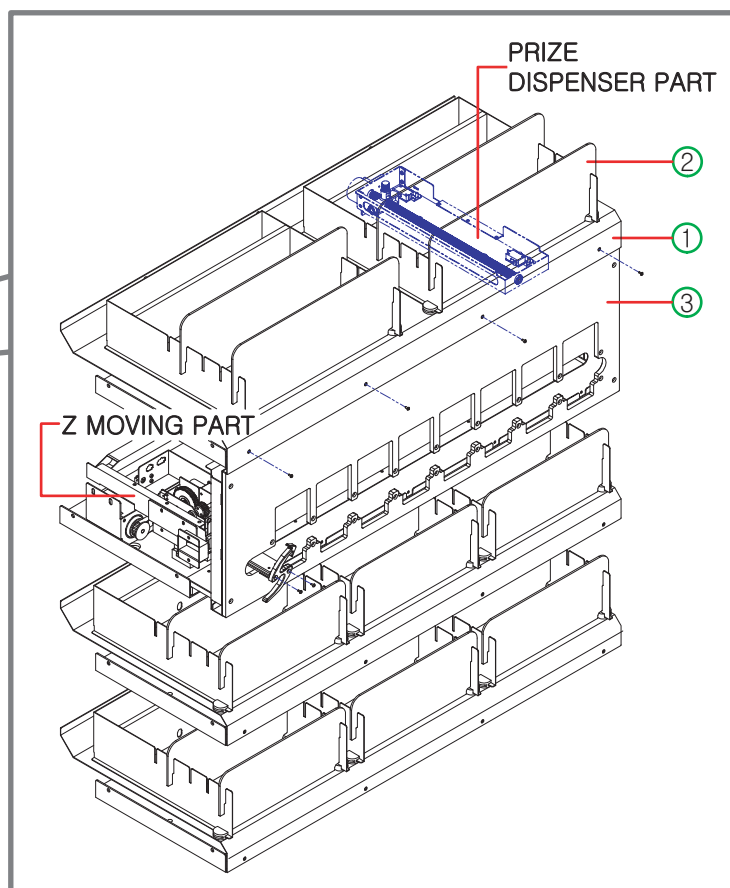
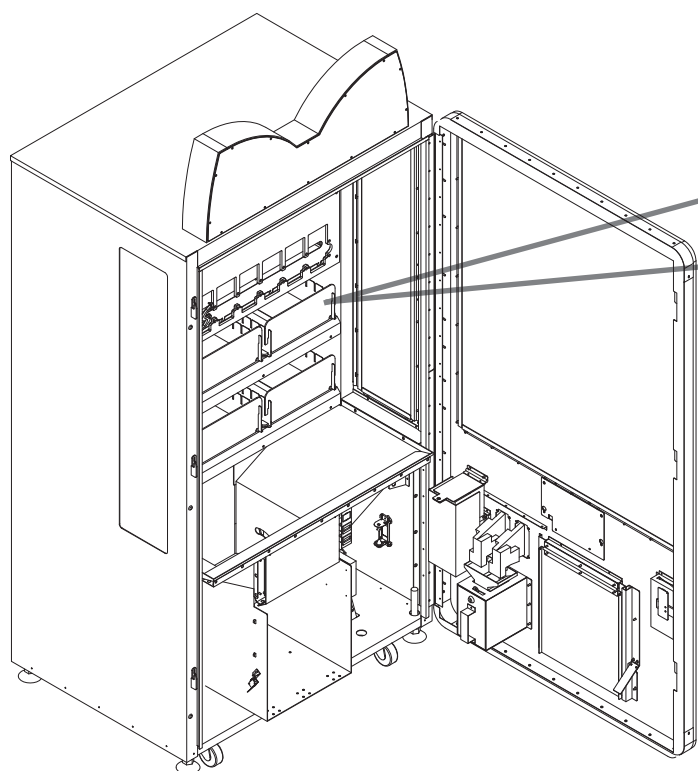
NO.	PART NAME	SPEC.	CODE NO.
⑤	COIN SELECTOR	TW-130B	MZZZ0COS032

* After replacing a coin selector, you must set from SW1 [top] to N.C [bottom].

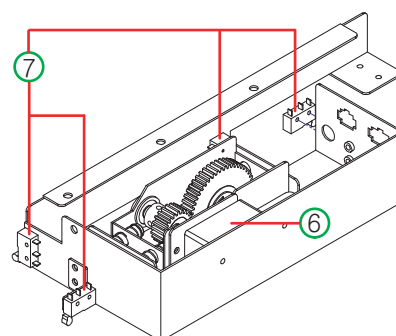


* Reassemble them in reverse order and check performance of the game.

6-3) REPLACING PRIZE DISPENSER PART & Z MOVING PART



PRIZE DISPENSER PART



Z MOVING PART

- PRIZE DISPENSER PART

- (1) Remove the ① prize dispenser cover then remove the ② prize dispenser.
- (2) Locate the prize dispenser parts inside.
- (3) Remove connector, then replace ④ motor or ⑤ micro switch.

- Z MOVING PART

- (1) Remove ③ Target Display Part to locate Z-Moving part.
- (2) Remove the connector, then replace ⑥ motor or ⑦ Micro Switch.

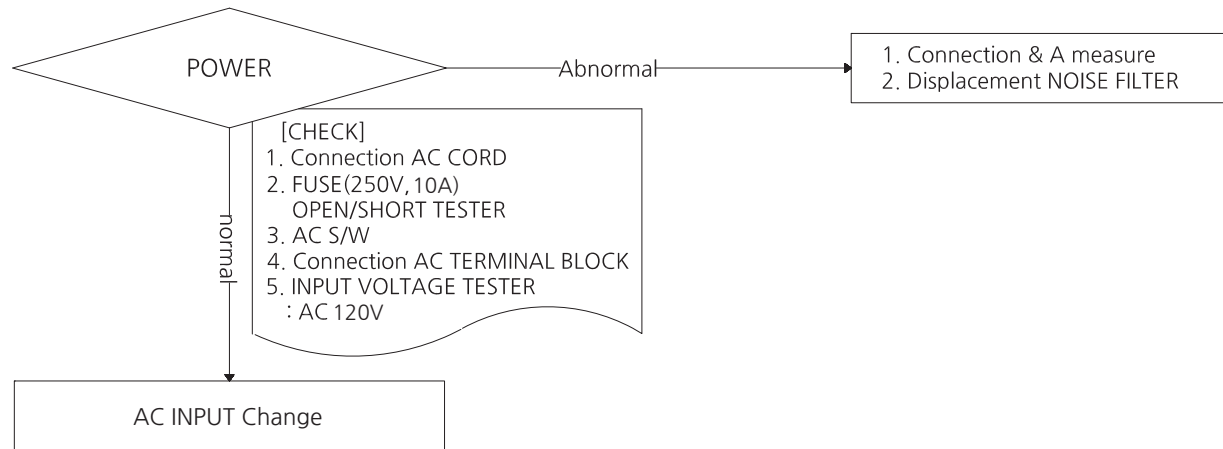
NO.	PART NAME	SPEC.	CODE NO.
④	DC MOTOR	KWC_KD1-3429-095 (1:25)	MZZZ0MOT063
⑤	MICRO SWITCH	GSMV1651A2	MELE0MIC021
⑥	MOTOR	KWA-0255-IMF-04	MWIC0PAR025
⑦	MICRO SWITCH	SSM3142	MELE0MIC003

*** Reassemble them in reverse order and check performance of the game.**

7. TROUBLESHOOTING

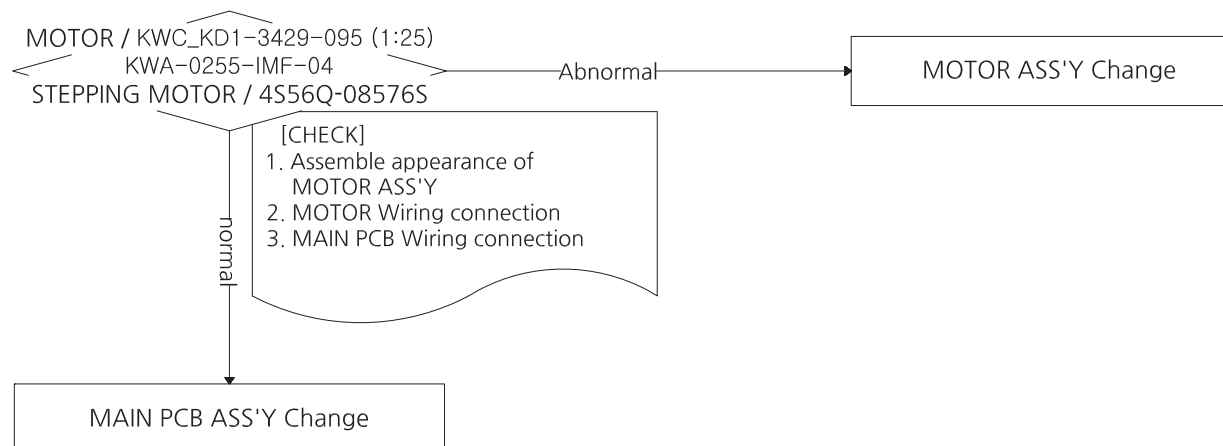
7-1. IN CASE OF POWER FAILURE

*Common: Check the input voltage, check wiring



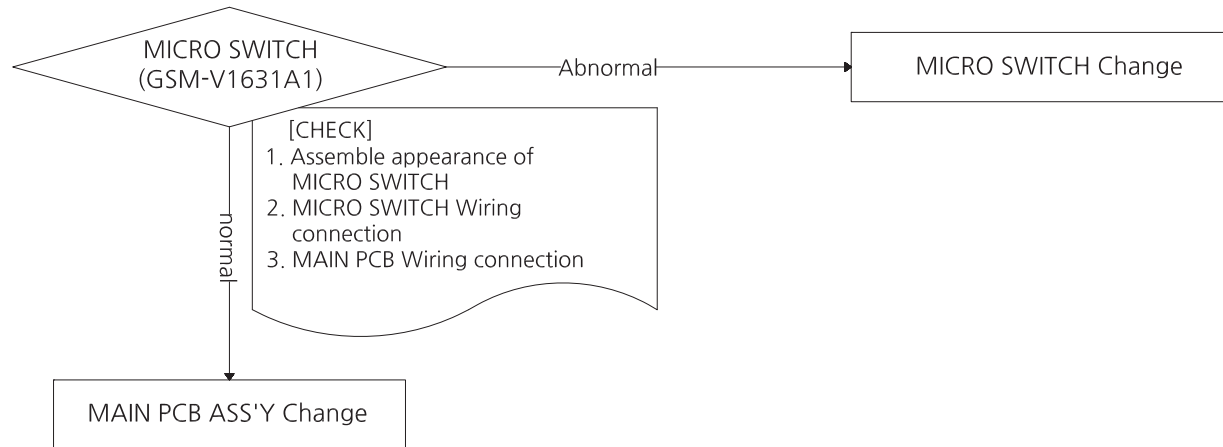
7-2. MOTOR ERROR

*Common: Check the input voltage, check wiring



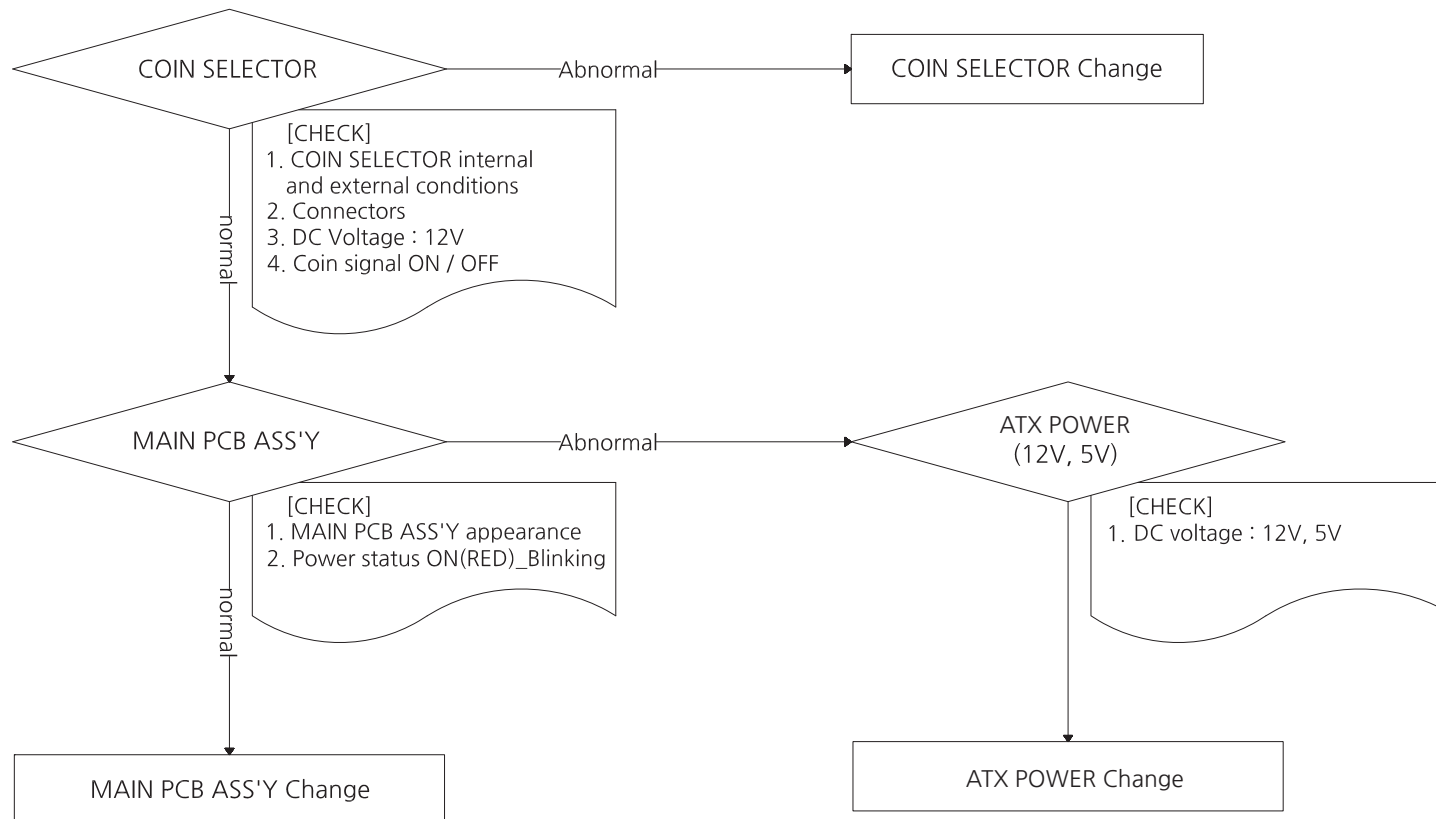
7-3. MICRO SWITCH ERROR

*Common: Check the input voltage, check wiring



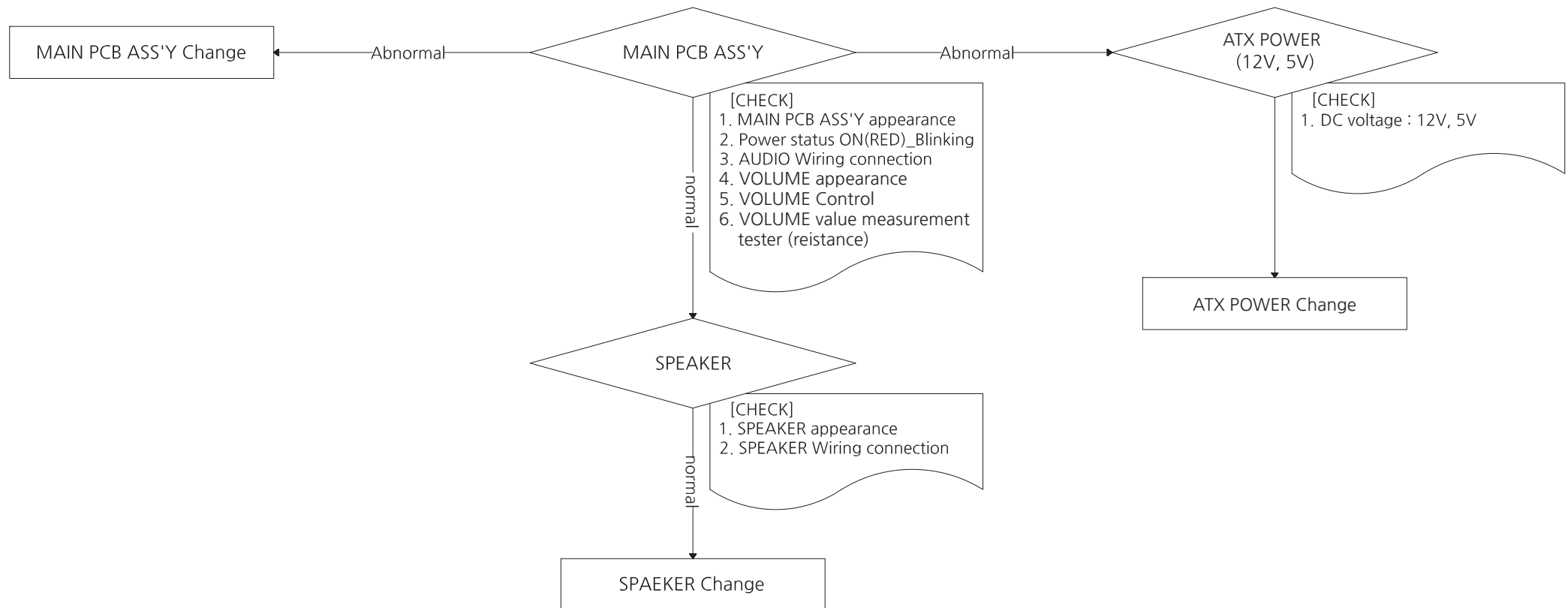
7-4. COIN SELECTOR ERROR

*Common: Check the input voltage, check wiring



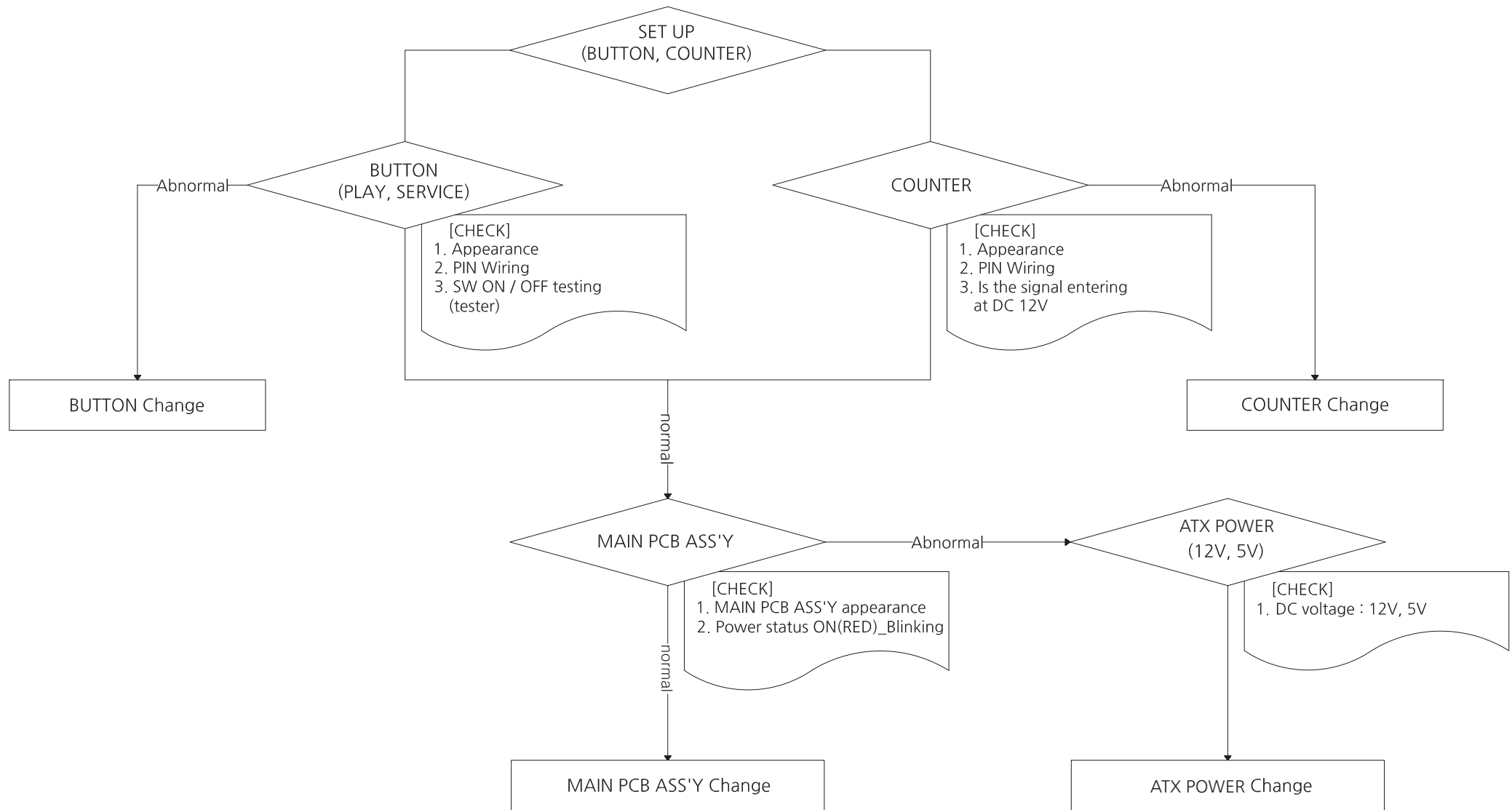
7-5. SOUND ERROR

*Common: Check the input voltage, check wiring



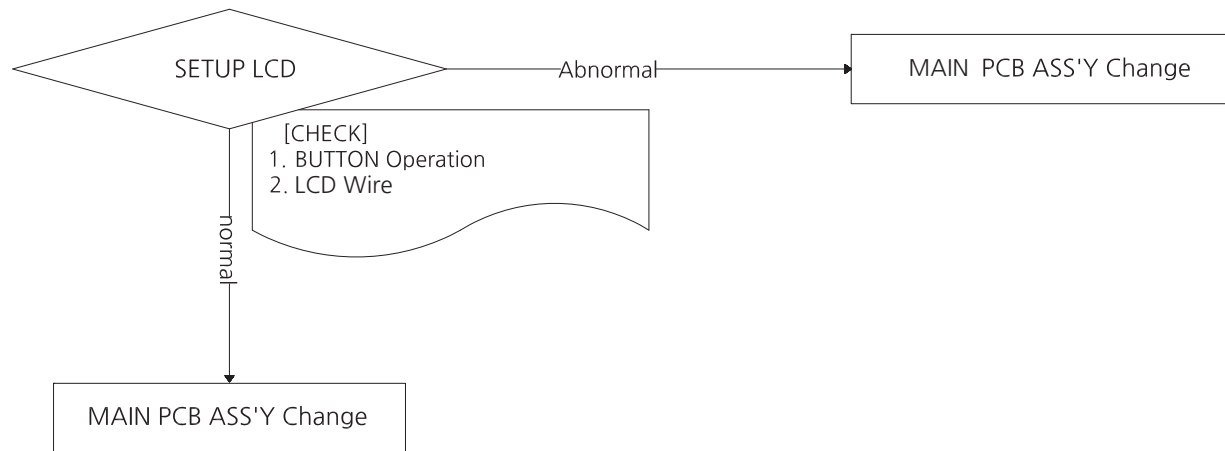
7-6. BUTTON & COUNTER ERROR

*Common: Check the input voltage, check wiring



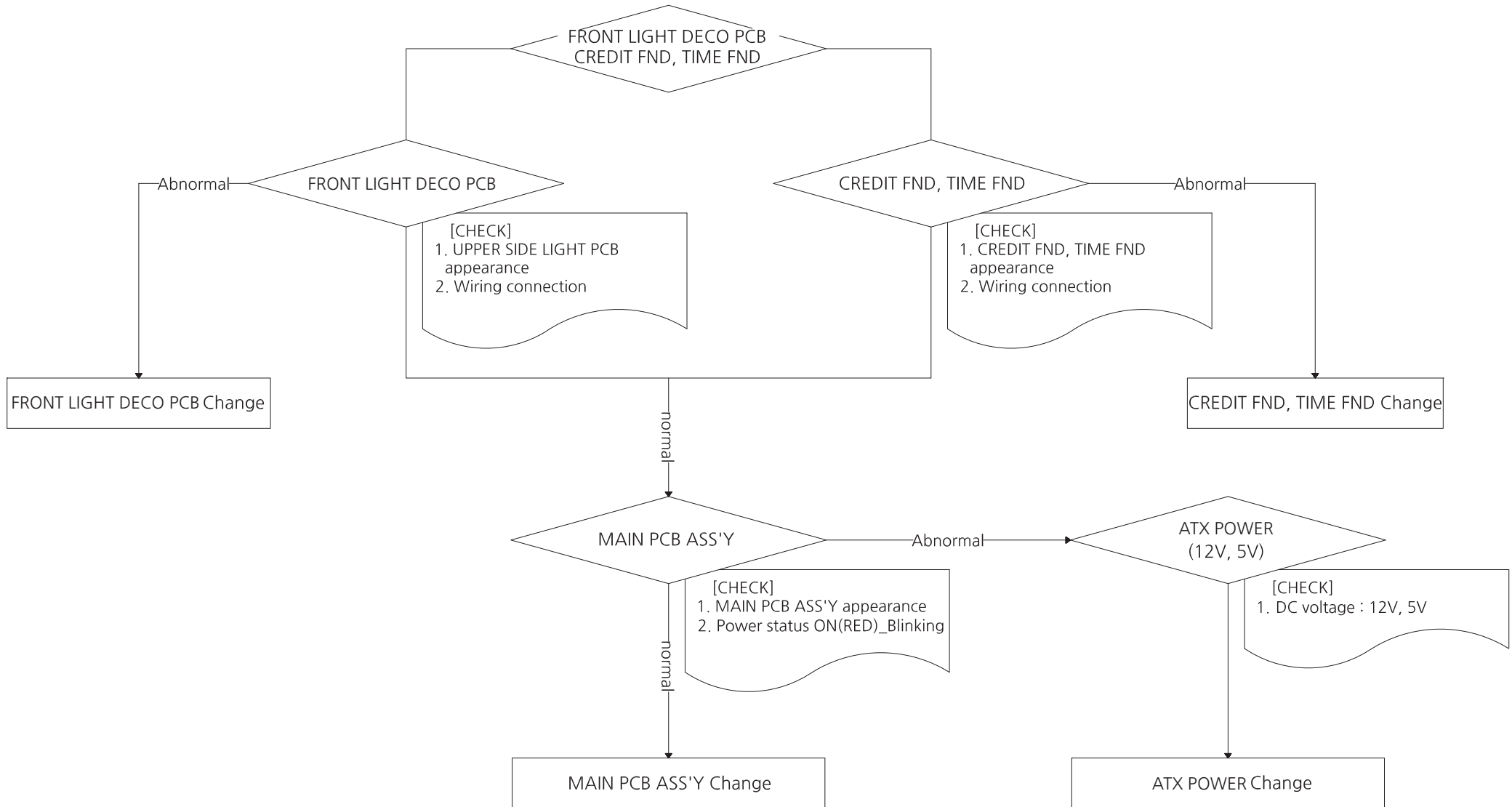
7-7. SETUP LCD ERROR

*Common: Check the input voltage, check wiring



7-8. FRONT LIGHT DECO PCB & CREDIT FND, TIME FND ERROR

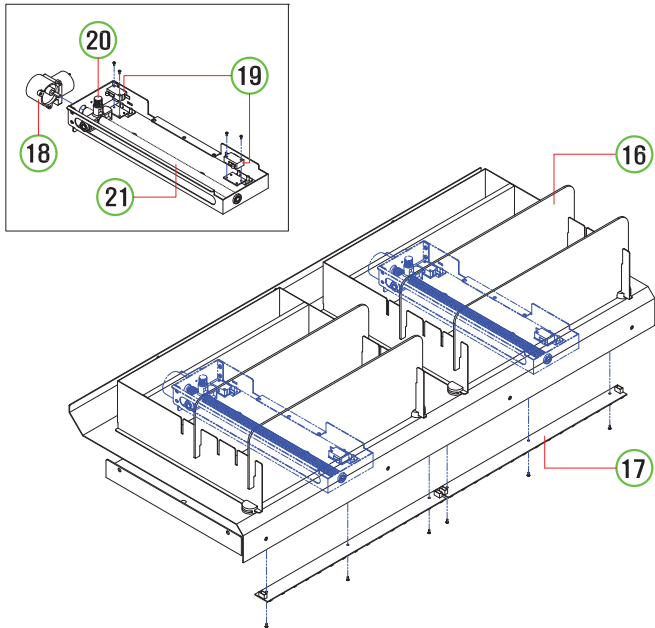
*Common: Check the input voltage, check wiring



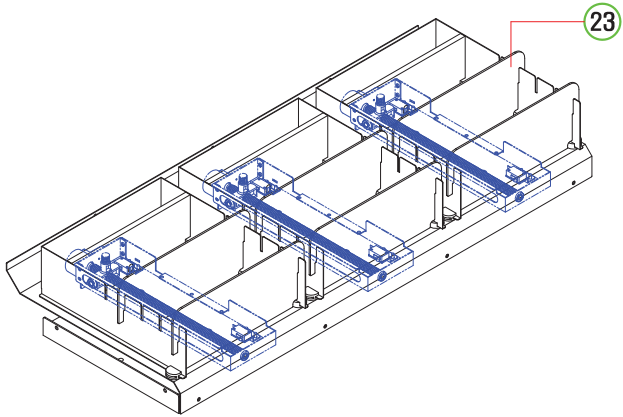
8. PARTS LIST

8-1. EXPLODED VIEW

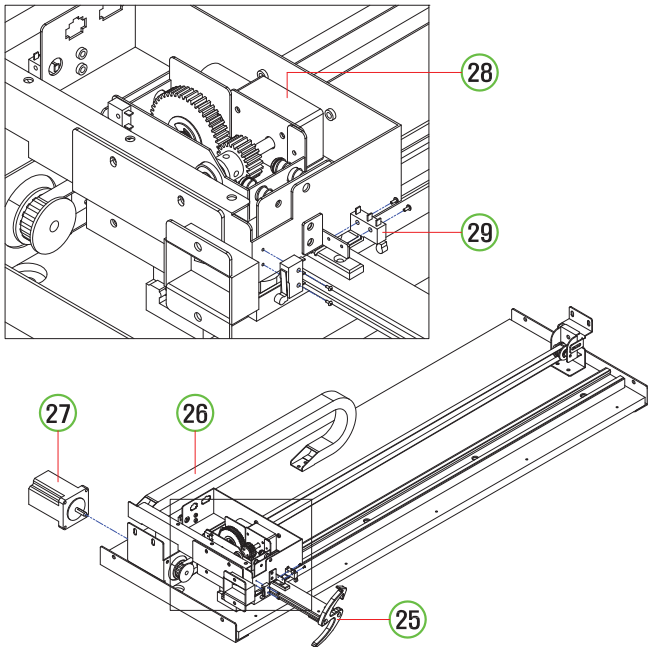
15 PRIZE DISPENSER-A PART



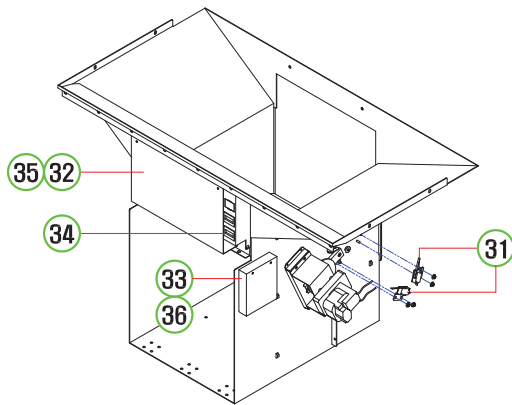
22 PRIZE DISPENSER-B PART



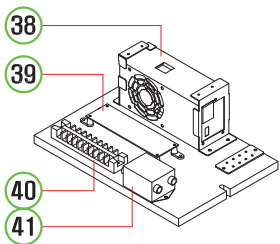
24 Z MOVING PART



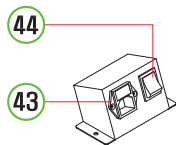
30 PRIZE GUIDE PART



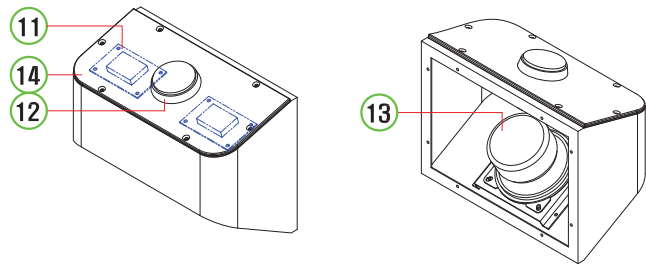
37 ATX POWER PART



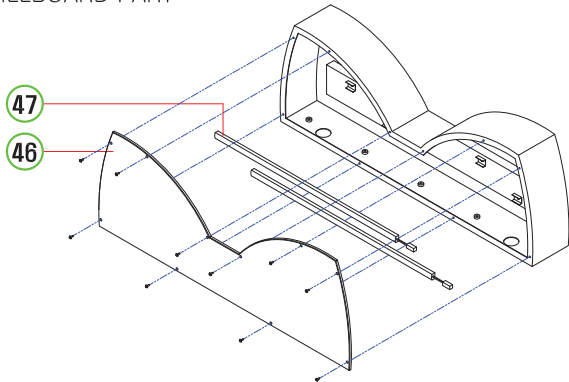
42 AC INPUT PART



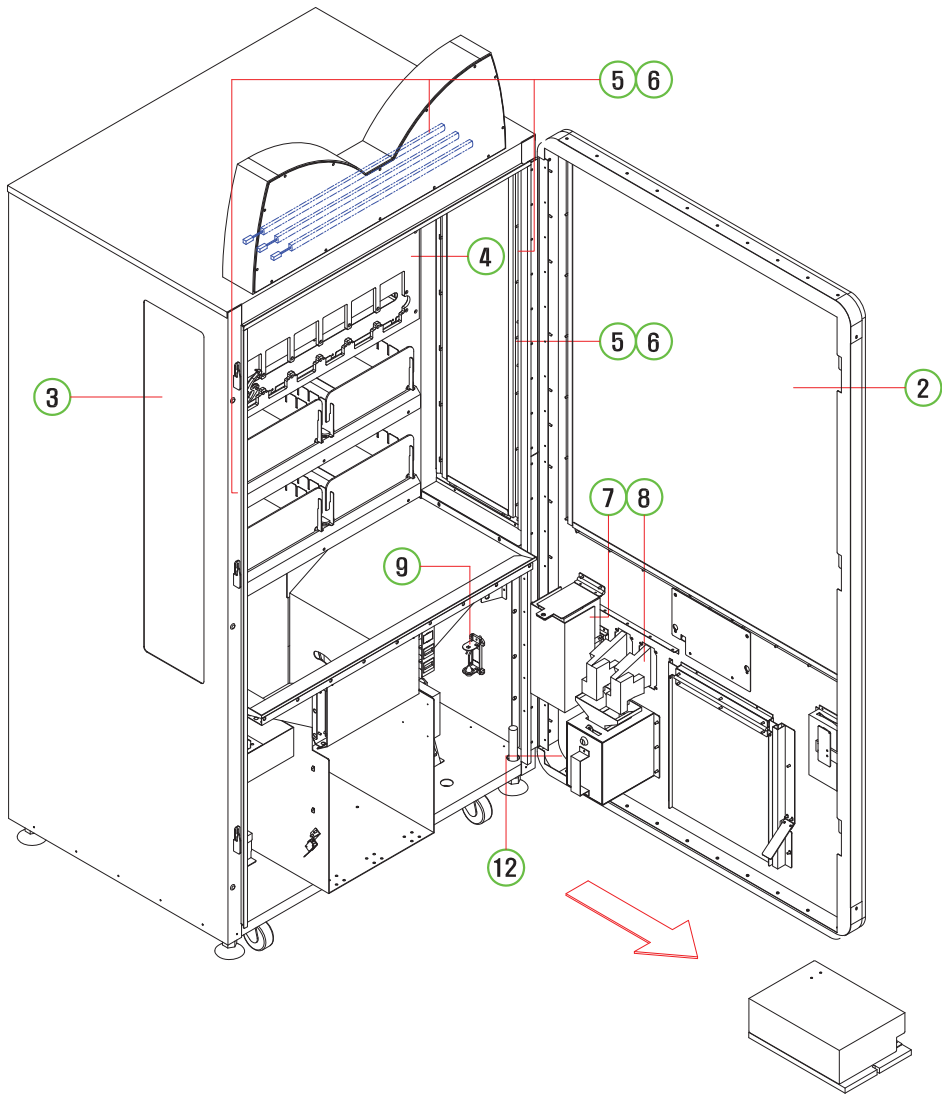
10 BUTTON PART



45 BILLBOARD PART



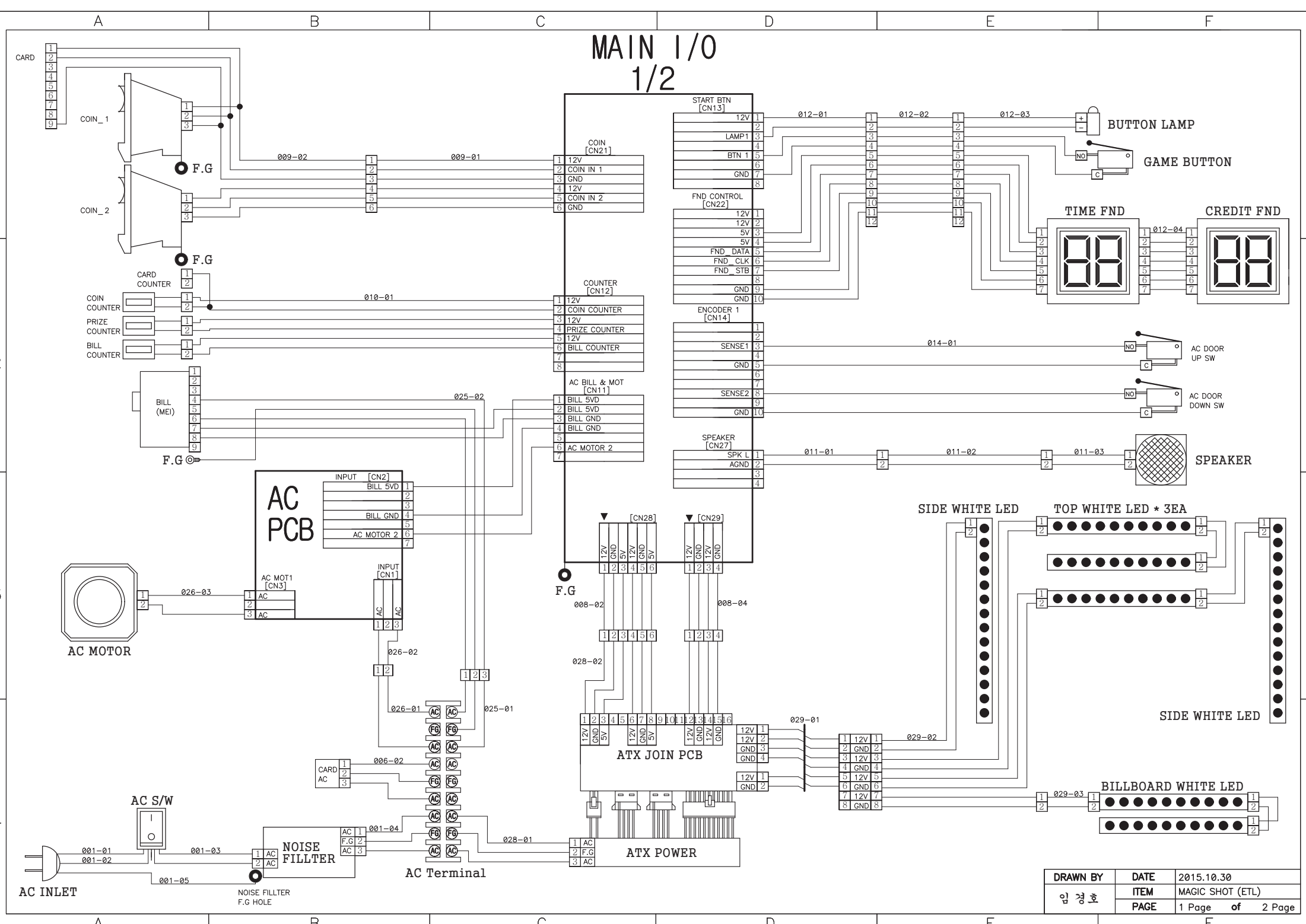
1 MAIN CABINET PART



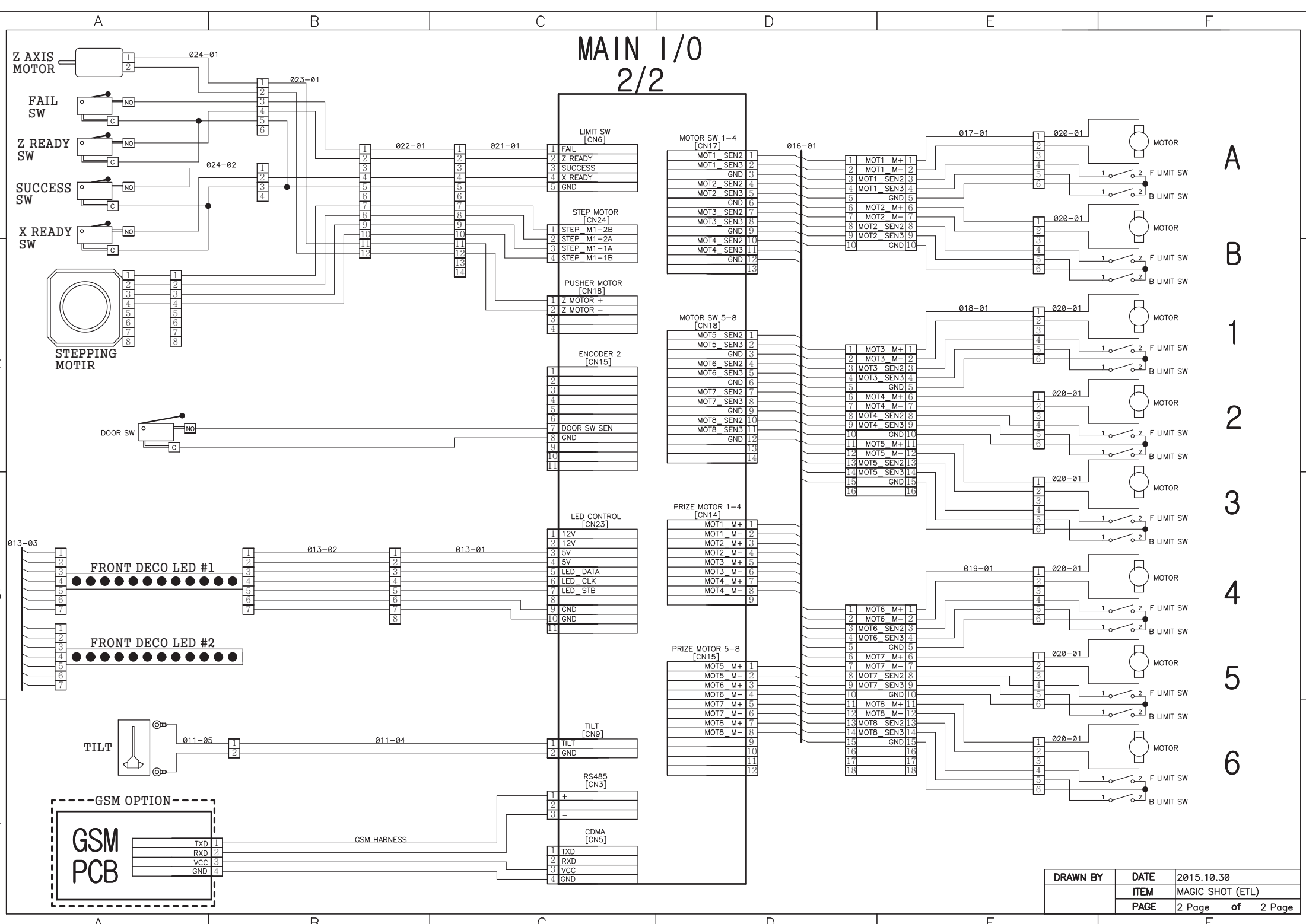
8-2. LIST

NO.	LEVEL		PART NAME	SPEC.	QTY	CODE NO.
①	1		MAIN CABINET PART			
②		2	FRONT DOOR GLASS	GLASS_8.0t	1	MICU0GLA002
③		2	SIDE GLASS	GLASS_8.0t	2	MICU0GLA001
④		2	TARGET DISPLAY ACRYL	MAGIC SHOT_1H	1	MMAG0ACR001
⑤		2	LED STICK BAR	CW 960	5	MELE0LED001
⑥		2	LED STICK BAR BKT	12mm, 90°	19	MELE000022
⑦		2	BILL ACCEPT	MEI_UP STACKER	1	—
⑧		2	COIN SELECTOR	TW-133	2	MZZZ0COS045
⑨		2	TILT	—	1	MWIC0PAR100
⑩		2	BUTTON FRAME PART			
⑪		2	CREDIT FND PCB ASS'Y	WINNERS' CUBE DX	2	AWID0PCB004
⑫		2	BUTTON SWITCH	AMIPB-60HR-W12D	1	MZZZ0BUT054
⑬		2	SPEAKER	MID4.5"+TW1/2" 8Ω	1	MZZZ0SPE021
⑭		2	BUTTON ACRYL	I CUBE	1	AICU0ACR001
⑮		2	PRIZE DISPENSER-A PART			
⑯		2	PRIZE DISPENSER PUSH ACRYL-B	LARGE-PC	4	MICU0ACR005
⑰		2	FRONT LIGHT DECO PCB ASS'Y	TX AMP TRANS	2	APUT0PCB006
⑱		2	MOTOR	KWL-0025-3429G-004	8	MZZZ0MOT063
⑲	1		MICRO SWITCH	GSMV1651A2_STAN ROLLER	16	MELE0MIC021
⑳		2	PRIZE DISPENSER BLOCK	ACETAL	8	MICU0PLA002
㉑		2	PRIZE DISPENSER SCREW	ABS	8	MICU0PLA001
㉒		2	PRIZE DISPENSER-B PART			
㉓		2	PRIZE DISPENSER PUSH ACRYL-A	SMALL-PC	12	MICU0ACR004
㉔		2	Z MOVING PART			
㉕		2	PUSH DECO BLOCK	I CUBE_ACETAL	1	MICU0PLA005
㉖	1		CABLE CHAIN	KJP018-1B-R50-34LINK	1	MZZZ0CBC004
㉗		2	STEPPING MOTOR	4S56Q-08576S	1	MZZZ0MOT064
㉘		2	MOTOR	DC12V. 9100RPM KWA-0255-IMF-04	1	MWIC0PAR025
㉙		2	MICRO SWITCH	SSM3142	4	MELE0MIC003
㉚	1		PRIZE GUIDE PART			
㉛		2	MICRO SWITCH	GSM-V1631A1	3	MELE0MIC022
㉜		2	MAIN PCB ASS'Y	—	1	ASHS0PCB003
㉝		2	AC MOTOR PCB ASS'Y	—	1	AICU0PCB007
㉞		2	COUNTER	AMMC-712(OA127CL)	2	MZZZ0COU002
㉟		2	MAIN PCB PC COVER	PC-1.0	1	MICU0ACR023

NO.	LEVEL		PART NAME	SPEC.	QTY	CODE NO.
③⑥		2	AC MOTOR IO PC COVER	PC-1.0	1	MICU0ACR023
③⑦	1		ATX POWER PART			
③⑧		2	ATX POWER SUPPLY	SPC-350_UL POREX	1	MELE0SMP062
③⑨		2	ATX JOIN PCB ASS'Y	—	1	ASUP0PCB008
④⑩		2	TERMINAL BLOCK	250V, 10P		MELE0TEB003
④①		2	NOISE FILTER	ES1-F10	1	MELE0NOI006
④②	1		AC INPUT PART			
④③		2	AC INPUT	DAC-13H	1	MELE0SWI005
④④		2	ROCKER SWITCH	T-125 4P	1	MELE0SWI004
④⑤	1		BILLBOARD PART			
④⑥		2	BILLBOARD ACRYL	ACRYL-3.0t	1	MICU0ACR014
④⑦		2	LED STICK BAR	CW 500	2	MELE0LED002



DRAWN BY	DATE	2015.10.30
임경호	ITEM	MAGIC SHOT (ETL)
	PAGE	1 Page of 2 Page





ANDAMIRO WARRANTY POLICY



Andamiro warrants to the original purchaser that all of its products will be free from defects in material and workmanship.

Andamiro warrants the parts from date of shipment as follows.

- One Year Limited Warranty : Electronic Boards & Monitor
- 6 Month Limited Warranty : Moving Parts

For any key components within the warranty period, Andamiro will repair or replace defective components free of charge.

When placing a warranty request, the customer is requested to furnish the following information:

1. Name of the game.
2. Serial Number of the game.
3. A Detailed Description of the defect/s experienced.

This warranty does not apply to the defects caused due to misuse or abuse of the product.

Any alterations made to game or game parts will void this warranty.

For warranty details on our product range please visit our website, www.andamiro.com.

ANDAMIRO CO., LTD.
www.andamiro.com



Please complete the following request form to place a warranty request and send it to ANDAMIRO Korea either by fax (Fax No: +82-31-908-7548) or by e-mail. The e-mail address of the person in charge of each region is shown in our web-site, www.andamiro.com

For the on-line request, please visit our web-site, www.andamiro.com and click "Customer Service" and then click "Contact Us" in which you shall find the e-mail address of the person in charge of each region.

1. Company Name : _____

2. Mailing Address : _____

3. E-Mail Address : _____

4. Phone No : _____

5. Name of the person in charge : _____

6. Description of the product defects

6-1) Name of the Game : _____

6-2) Serial No : _____

6-3) Date of Purchase : _____

6-4) Detailed description of the product defects.

Remarks: If possible, please provide us with related photos and videos which will be greatly appreciated to verify the cause of the problem.

MAGIC SHOT

ANDAMIRO CO., LTD.

TEL : 82-31-909-2123~5,2051

[ADDRESS OFFICE] 6006 M-City Tower, 195, Baengmaro, Ilsandong-gu, Goyang-si,
Gyeonggi-do, 410-834 Korea

[FACTORY] 72 Nochemgil, Ilsan-donggu Goyang-si, Gyeonggi-do, 410-834 korea

USA BRANCH

ANDAMIRO USA CORP.

17230 S. Main Street

TEL : 1-310-767-5800

[ADDRESS] Gardena, California 90248 U.S.A.

Homepage <http://www.andamiro.com/>

The logo for Andamiro, featuring the word "ANDAMIRO" in a bold, sans-serif font. A stylized, curved line sweeps under the letters "AND" and "MIRO", resembling a swoosh or a stylized 'A'.