

SERVICE MANUAL



Ver 1.0



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- ▶ 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:



Disregarding could result in serious injury.



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

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

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 the power cord 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 and 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.

*** Electromagnetic wave may cause unexpected noise from speaker.**

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, and 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 conseillé 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.

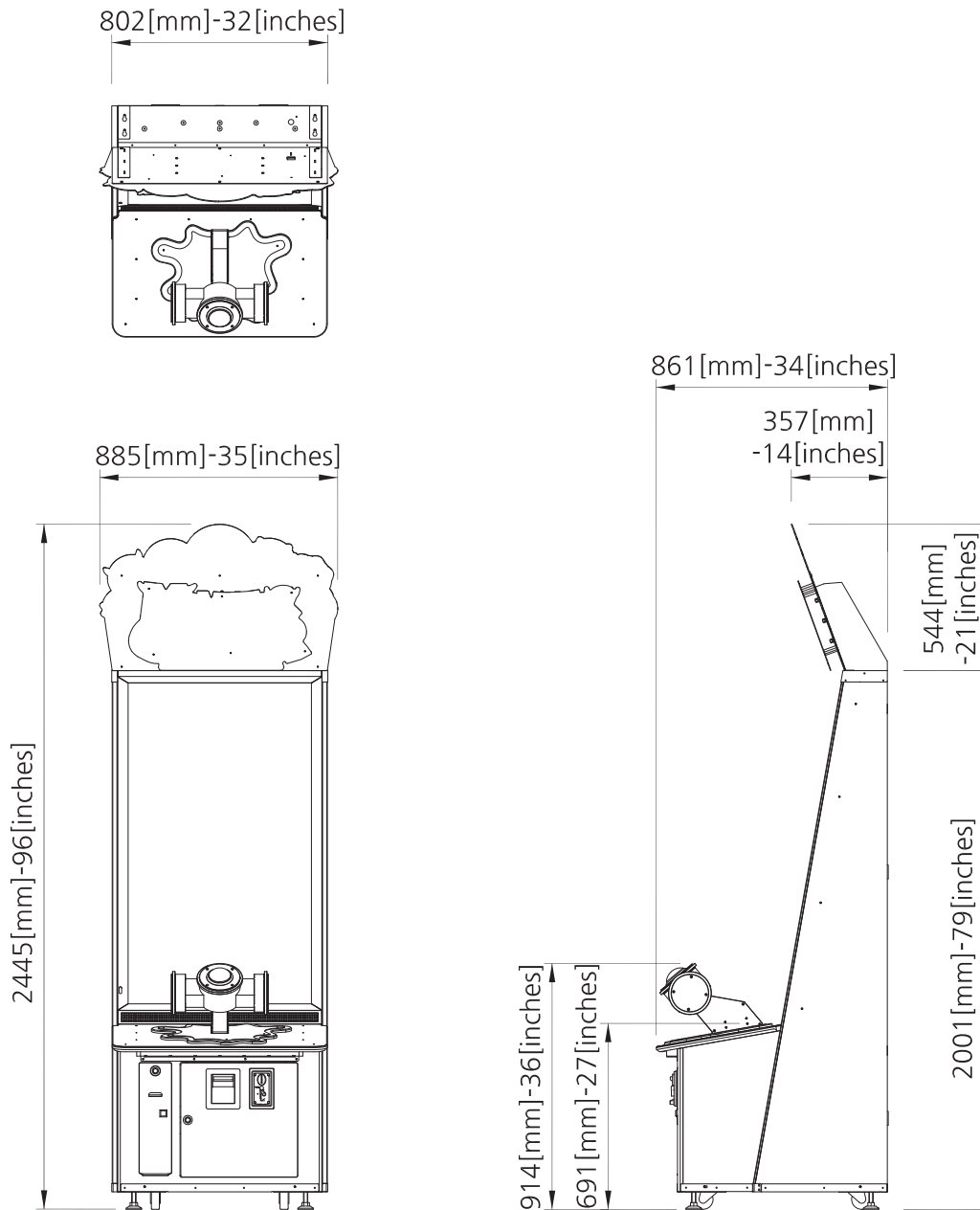
CONTENTS

1. SPECIFICATION AND DIMENSION	P03
1-1. DIMENSION	P03
1-2. SPECIFICATION	P03
1-3. NAME OF PARTS	P04
1-4. STICKER LOCATION	P05
1-5. COMPONENTS	P06
2. INSTALLATION	P07
2-1. INSTALLATION SPACE	P07
2-2. HOW TO INSTALL	P08
3. GAME CHARACTERISTICS	P09
4. SETUP SETTINGS	P10
4-1. MACHINE SETUP	P10
4-1-1. TEST MODE	P11
[I/O TEST]	P12
[SCREEN TEST]	P13
4-1-3. CREDIT SETTING	P15
4-1-4. TICKET SETTING	P16
4-1-5. SOUND SETTING	P18
4-1-6. BOOKKEEPING	P19
4-1-7. STATISTICS	P20
4-2. ERROR CODE	P21
5. TROUBLESHOOTING	P22
5-1. MONITOR ERROR	P22
5-2. SIDE LEFT, RIGHT WS2813 FLEX LED ERROR	P23
5-3. TABLE FLEX LED ERROR	P24
5-4. CONTROL LEFT WS2813 FLEX LED ERROR	P25
5-5. CONTROL CENTER or RIGHT WS2813 FLEX LED ERROR	P26
5-6. SOUND ERROR	P27
5-7. COUNTER ERROR	P28

6. EXPLODED VIEW	.....	P29
6-1. MAIN CABINET PART	.....	P29
6-2. BILLBOARD PART	.....	P30
6-3. MONITOR FRAME PART	.....	P31
6-4. SPEAKER COVER PART	.....	P32
6-5. TABLE PANEL PART	.....	P33
6-6. SMPS PART	.....	P34
6-7. SERVICE PANEL PART	.....	P35
6-8. TICKET DISPENSER PART	.....	P35
6-9. FRONT DOOR PART	.....	P36
6-10. COIN BOX PART	.....	P36
6-11. MAIN BOX PART	.....	P37
6-12. CABINET PCB PART	.....	P37
7. PART PICTURE	.....	P38
8. BLOCK DIAGRAM	.....	P42

1. SPECIFICATION AND DIMENSION

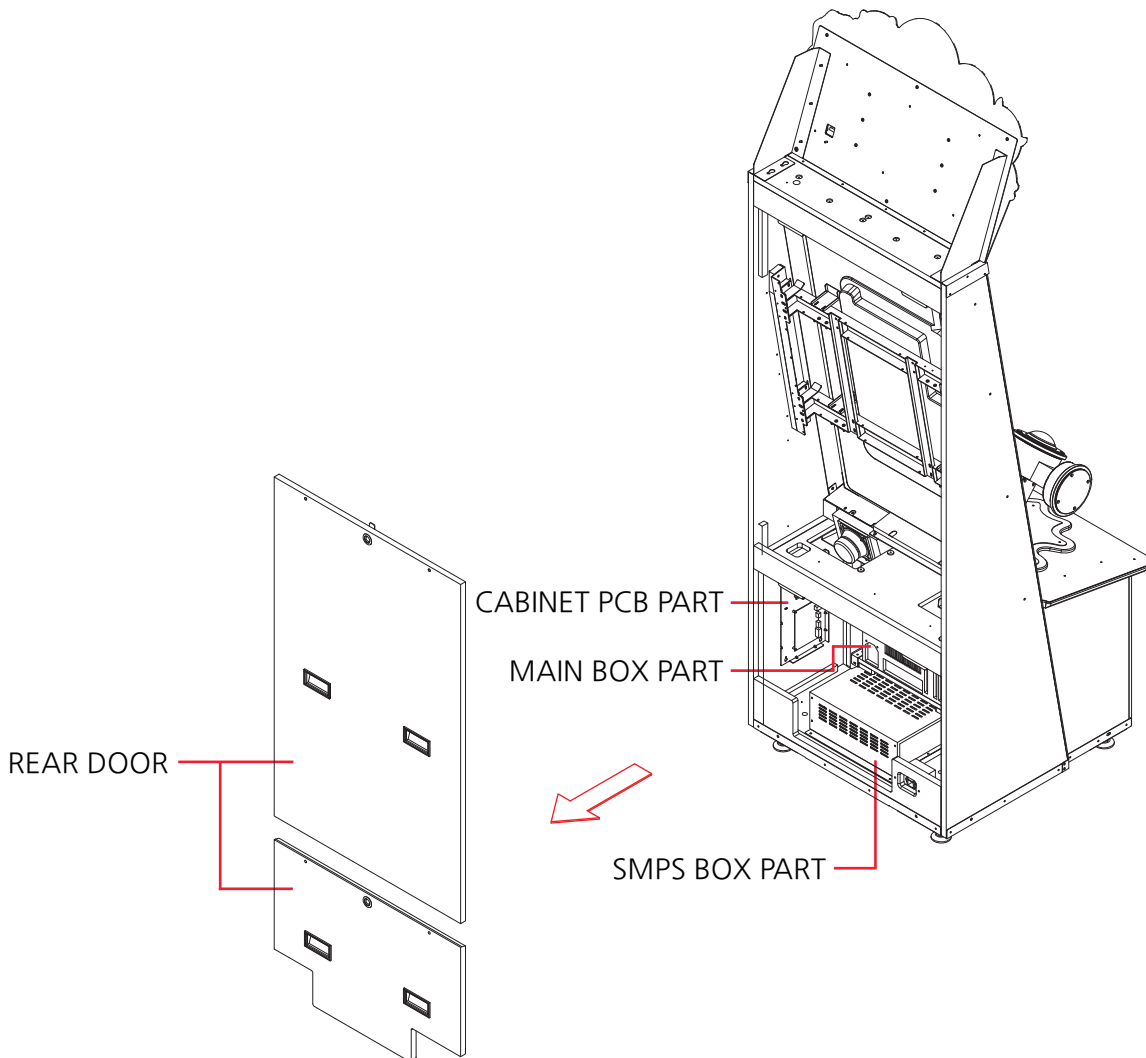
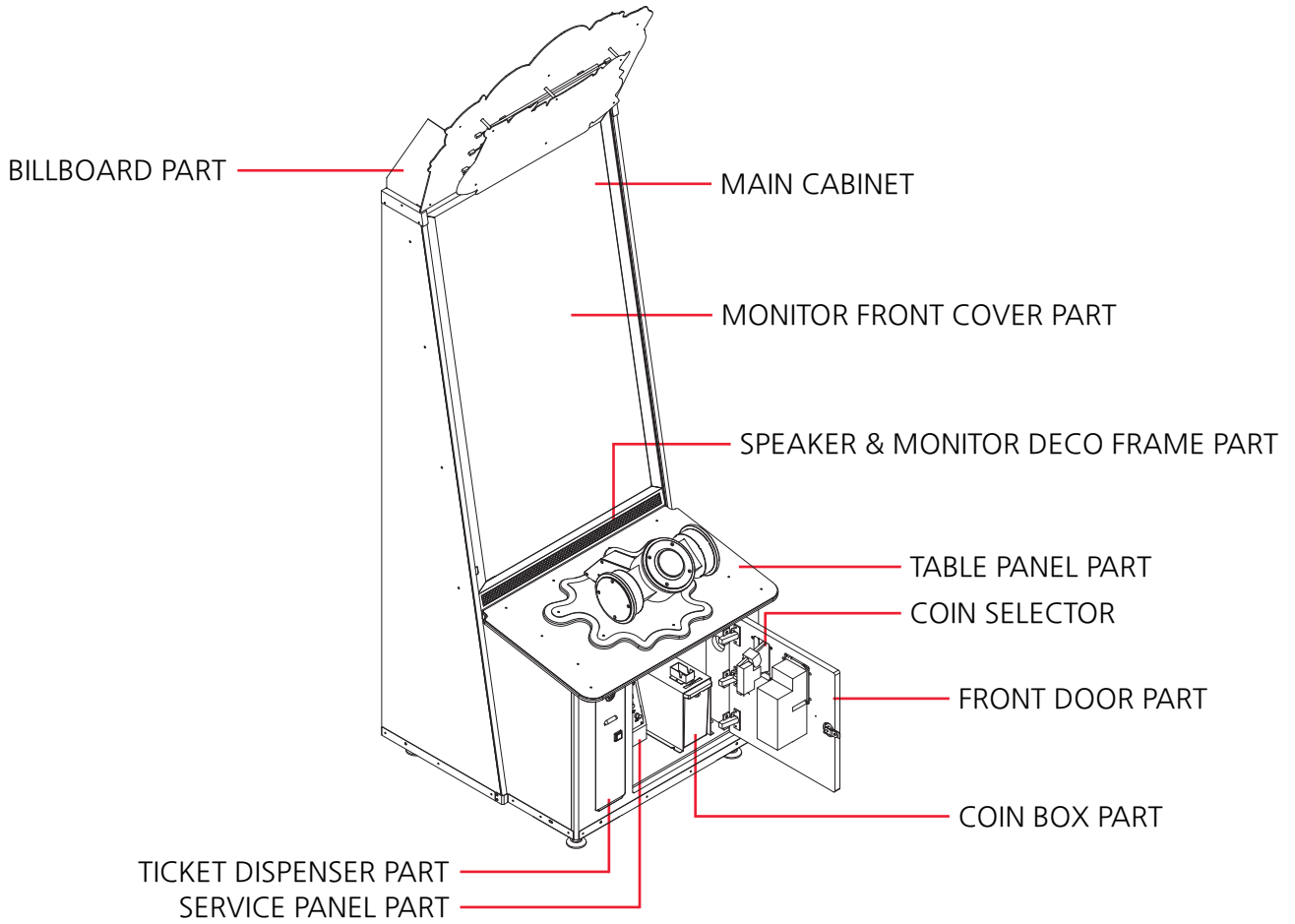
1-1. DIMENSION



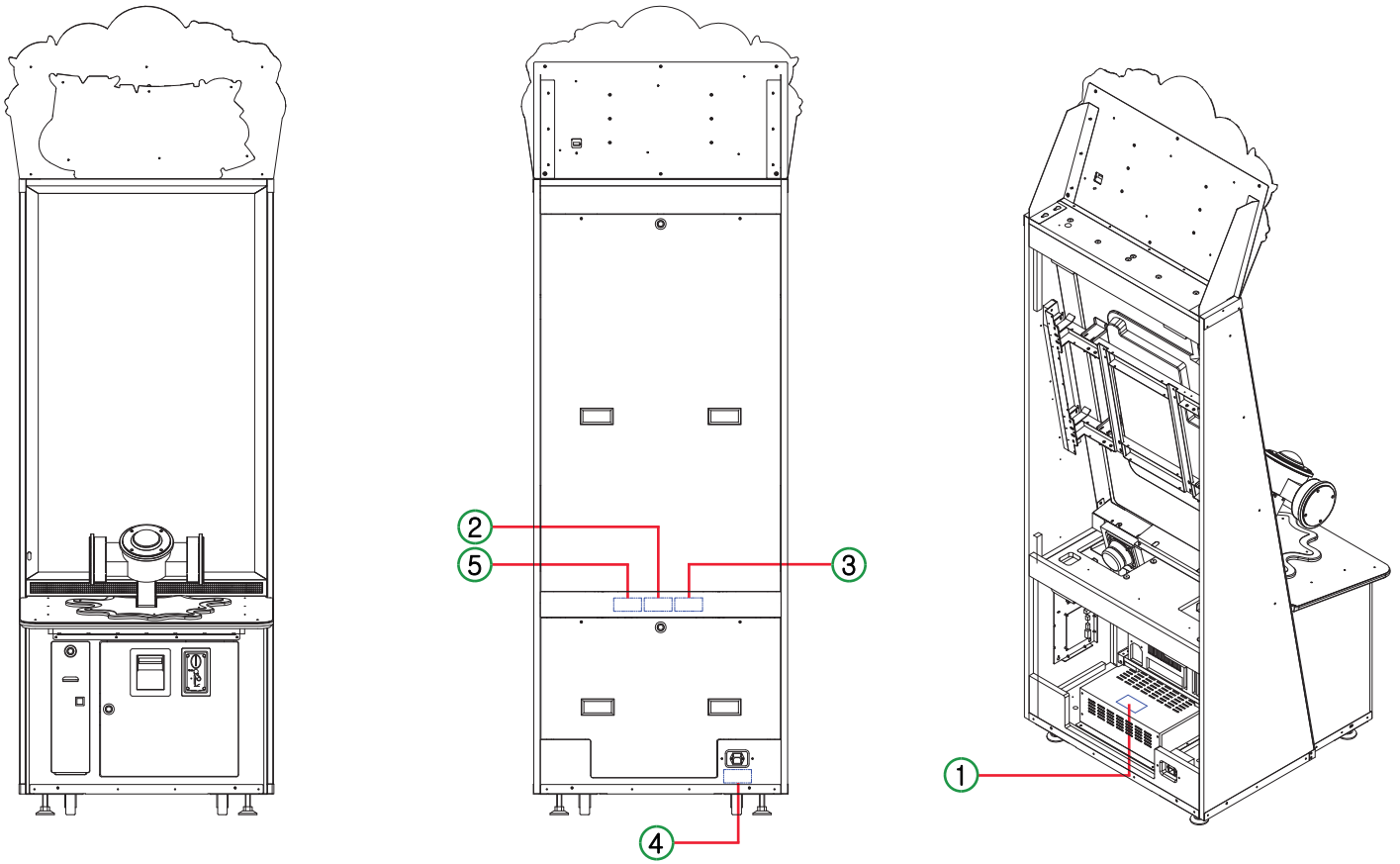
1-2. SPECIFICATION

DIMENSION (W x D x H)	885 x 861 x 2445 (mm)	
PACKING DIMENSION (W x D x H)	1150 x 910 x 2160 (mm)	
WEIGHT (kg)	160 kg [WEIGHT INCLUDING : 240 kg] PACKAGING]	
VOLTAGE	AC 120V	AC 230V
FREQUENCY RANGE	60Hz	50,60Hz
CONSUMPTION	360 W	360 W
CERTIFICATION	-	

1-3. NAME OF PARTS



1-4. STICKER LOCATION



1

WARNING/ATTENTION

Except service personal, 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.

2



3

WARNING
 ROCKING, SHAKING, OR TIPPING
 MAY CAUSE INJURY OR DEATH!
 This unit must be fastened securely to the wall, floor or adjacent object in compliance with the installation instructions.

ATTENTION
 AGITER, SECOUER OU BASCULER
 PEUT CAUSER DES BLESSURES
 OU ENTRAINER LA MORT!
 Cette unité doit être fixée au mur, au plancher ou à un objet à proximité conformément aux instructions d'installation.

4

CAUTION/PRUDENCE

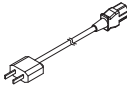




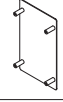


For continuous protection against risk of fire, replace only with the same type 10A-250V fuse

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

5

MODEL NAME	-
PRODUCT S/N	-
MAIN BOX S/N	-
LCD S/N	-
CERTIFICATE	-
MADE IN KOREA	
-	Phone: -

1-5. COMPONENTS

NO.	PART NAME	SPEC.	QTY
1	AC POWER CORD	- 	1
2	KEY [INT]	6001, 7001 	2
3	BOLT	6x30L 	6
4	NUT	M4 	8
5	WRENCH	2.5, 3, 4mm 	1 EACH
6	COIN SELECTOR BLANK BKT	- 	1
7	MANUAL	- 	1
8	TROUBLESHOOTING MANUAL	- 	1

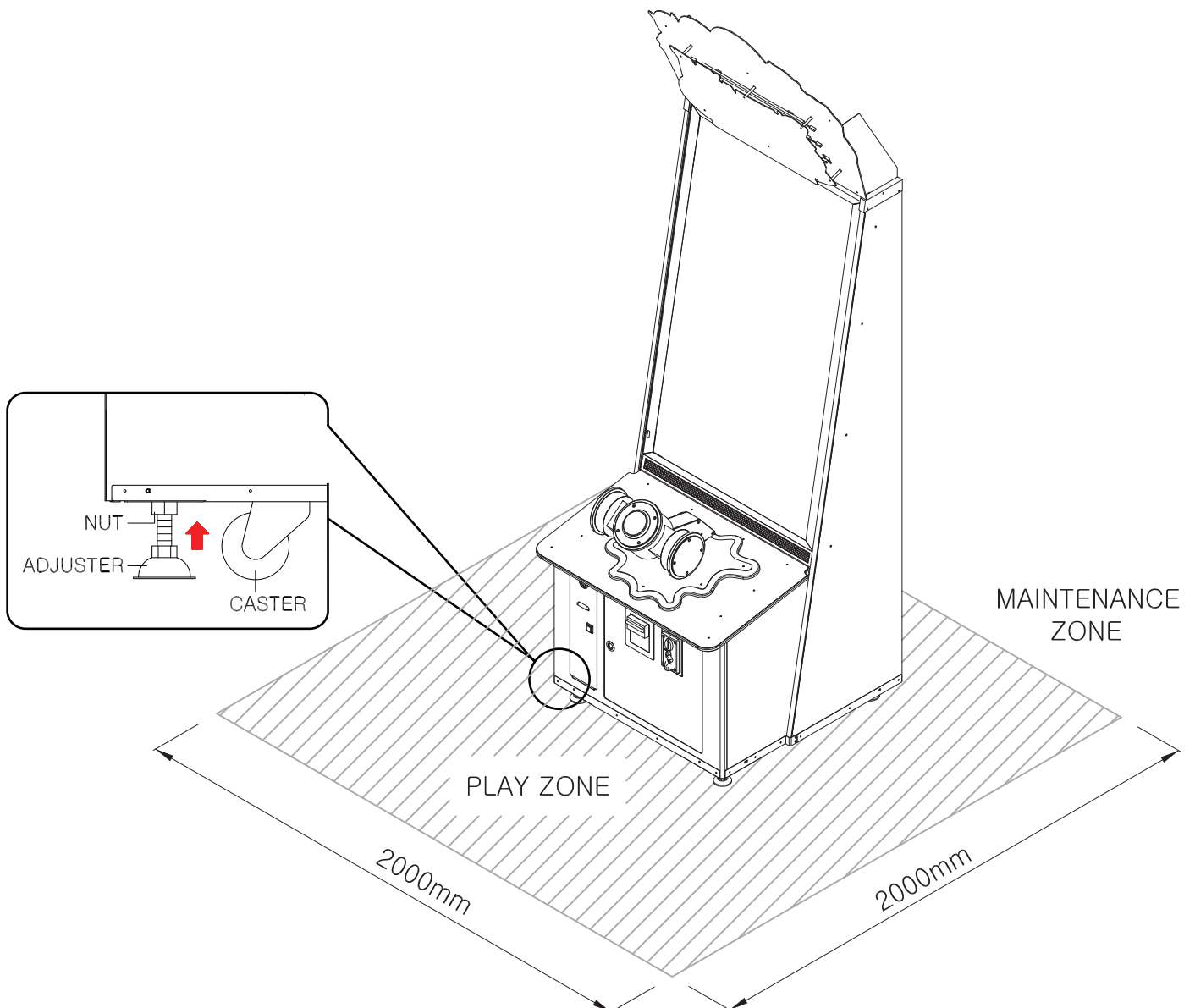
2. INSTALLATION

2-1. INSTALLATION SPACE

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

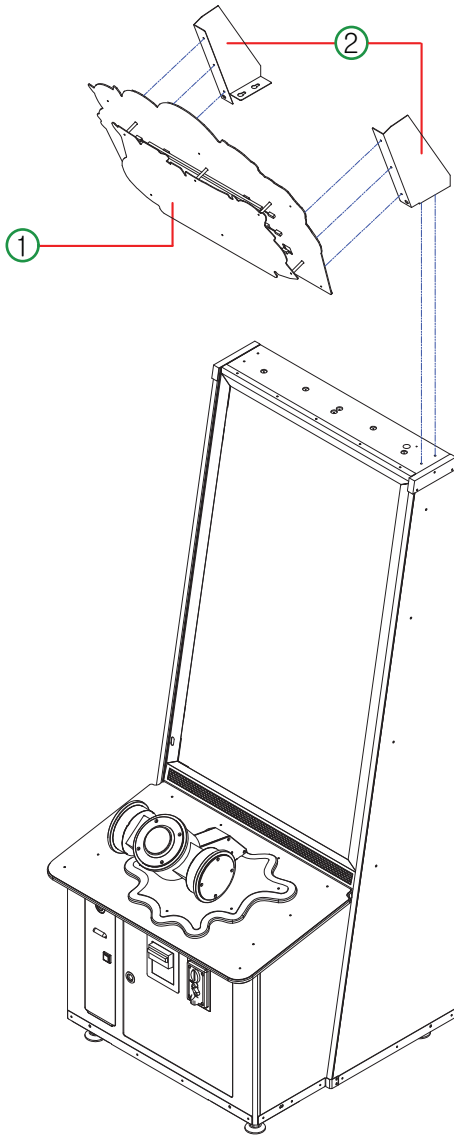
***IMPORTANT**

- Once you set up the machine with required game-play area, 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. Otherwise the set winning percentage can be twisted.

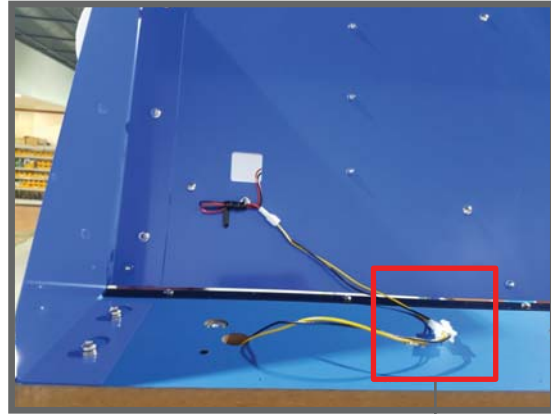


2-2. HOW TO INSTALL

1



- After assembling ① BILLBOARD FRAME PART and ② BILLBOARD FIX BKT L, R, connect connector using [M4 nut, 6pcs]



CONNECTION CONNECTOR

2



- You complete it like picture.

3. GAME CHARACTERISTICS

- * One Button Game that everybody can enjoy easily!**
- * Possible to set up for 5 - step difficulty level**
- * Possible to set up for 3 different modes - Possible to set up according to the user's age and tendency**
 - 1. WIN HIGH TICKET (Low Payout) - Game Over after getting tickets only for success level**
 - 2. FAIL STOP (Average Payout) - Game Over at failed level after getting all tickets accumulated up to the success level**
 - 3. ALL LEVEL (High Payout) - Game Over with all chances up to 7th level and getting all tickets accumulated up to the success level**
- * SUPER BONUS when succeeding up to the 7th level**

4. SETUP SETTINGS

4-1. MACHINE SETUP



- TEST MODE : Menu for I/O TEST and SCREEN TEST.
Enter to 'TEST MODE' Page.
- GAME SETTING : Menu for GAME SETTING.
Enter to 'GAME SETTING' Page.
- CREDIT SETTING : Menu for CREDIT SETTING.
Enter to 'CREDIT SETTING' Page.
- TICKET SETTING : Menu for TICKET SETTING.
Enter to 'TICKET SETTING' Page.
- SOUND SETTING : Menu for SOUND SETTING.
Enter to 'SOUND SETTING' Page.
- BOOKKEEPING : Menu for operation hours,
play hours and etc. of machine.
Enter to 'BOOKKEEPING', Page.
- STATISTICS : Menu for statistics of the entered coins
and the emitted tickets.
Enter to 'STATISTICS' Page.
- LANGUAGE : Menu for setting GAME LANGUAGES.

SEQUENCE	ITEM
1	ENGLISH
2	KOREAN
3	CHINESE(Simplified Chinese)

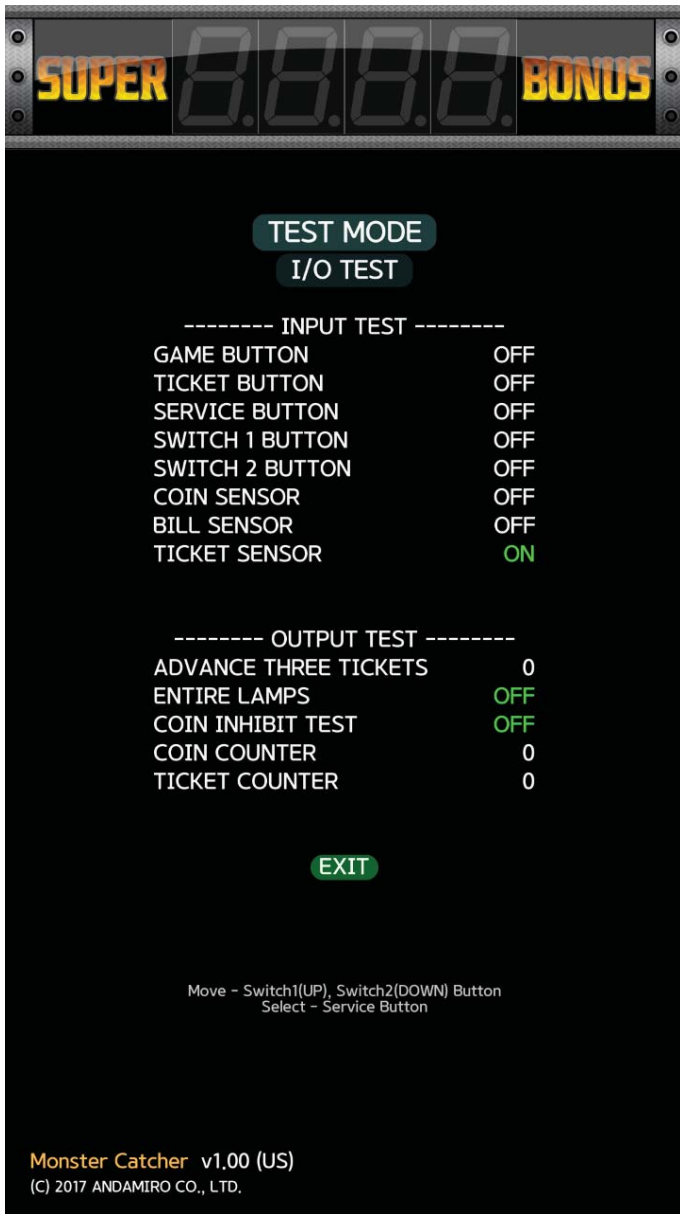
- FACTORY SETTING : Reset all settings to default.
Enter to 'FACTORY RESET' Page.
- EXIT : Exit 'SETUP MENU'. Return to 'GAME SCREEN'.

4-1-1. TEST MODE



- I/O TEST : Enter to test such as game button, ticket dispenser, coin dispenser, light and etc. of screen.
- SCREEN TEST : Enter to test such as display resolution, density, brightness, color representation and etc. of screen.
- EXIT : Exit 'I/O TEST', return to 'MAIN SETUP MENU' Page.

[I/O TEST]

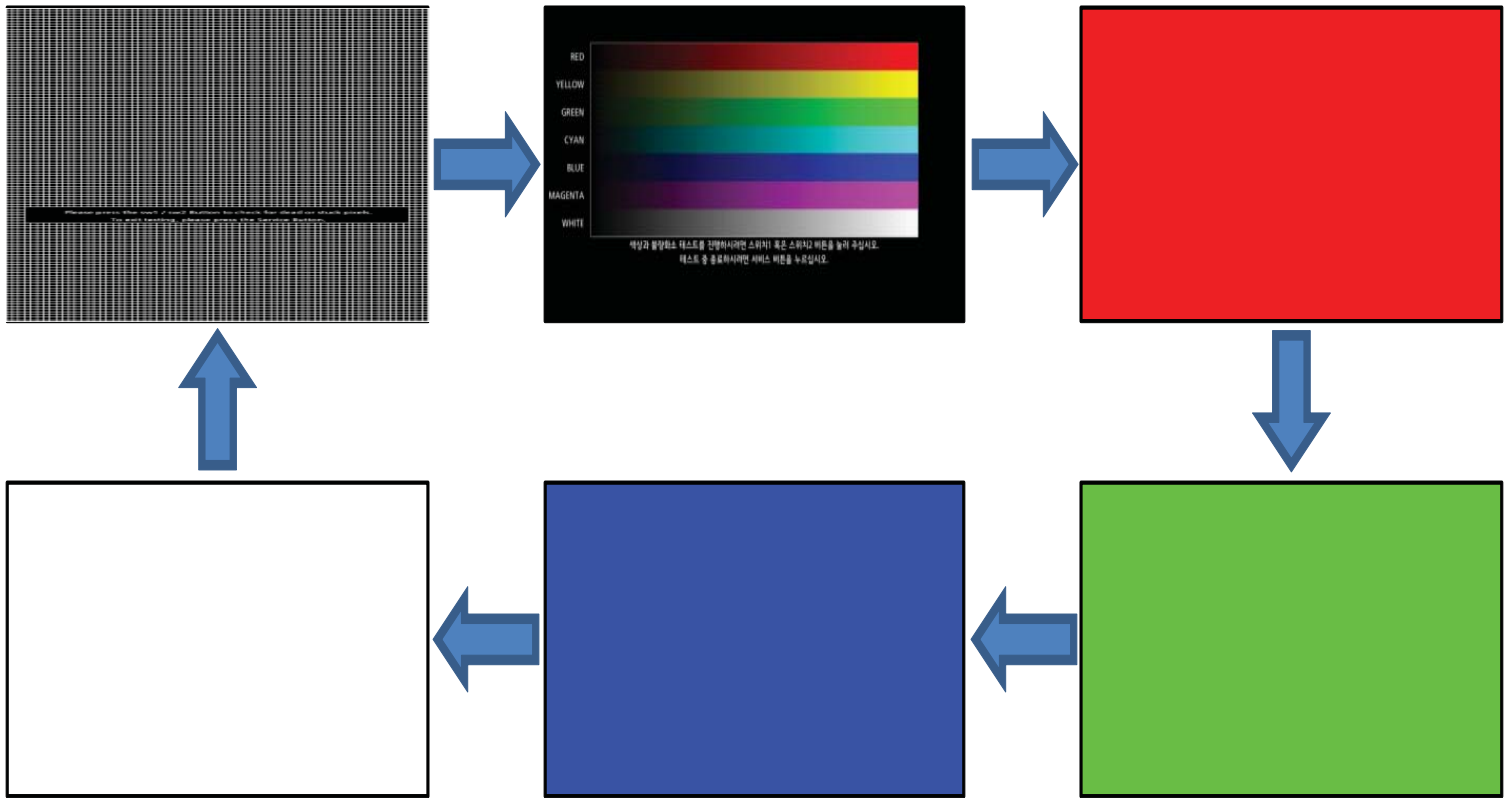


- GAME BUTTON : Test for GAME BUTTON.
Displayed as 'ON' when receiving input.
- TICKET BUTTON : Test for TICKET SWITCH BUTTON next to ticket dispenser. Displayed as 'ON' 1 when receiving input.
- SERVICE BUTTON : Test for SERVICE BUTTON on the control panel. Displayed as 'ON' when receiving input.
- SWITCH BUTTON : Test for SWITCH BUTTON on the control panel. Displayed as 'ON' when receiving input.
- COIN SENSOR : Test for COIN SENSOR.
Displayed as 'ON' when receiving input.
- BILL SENSOR : Test for BILL INSERT.
Displayed as 'ON' when receiving input.
- TICKET SENSOR : Test for TICKET SENSOR.
Displayed as 'ON' 1 when sensor was recognized.
- ADVANCE THREE TICKETS :
Test for TICKET RELEASE. Release three(3) tickets.
- ENTIRE LAMPS : Test for ENTIRE LAMPS - game button, side light, table light and ticket button.

SEQUENCE	ITEM	DESCRIPTION
1	OFF	Turn Off
2	ON	Turn On
3	ON -> OFF	ON -> OFF(0.5 second repeatedly)
4	ON->R->G->B	ON->Red->Green->Blue(0.5 second repeatedly)

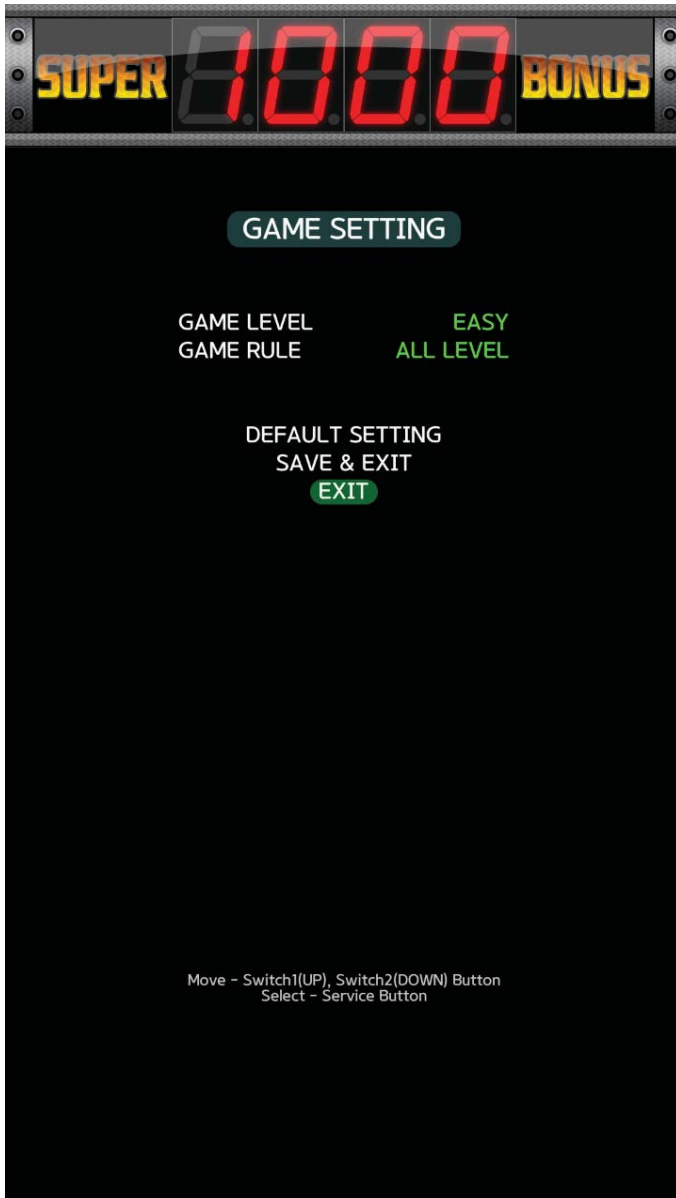
- COIN INHIBIT TEST : Test for INHIBIT of coin
(ON : Coin machine on, OFF : Coin machine off)
- COIN COUNTER : When it was selected, adds 1 count of the coin counter.
- TICKET COUNTER : When it was selected, adds 1 count of the ticket counter.
- EXIT : Exit 'OUTPUT TEST'. Return to 'I/O TEST' MAIN Page.

[SCREEN TEST]



- Test for screen & output image on the monitor.

4-1-2. GAME SETTING



- **GAME LEVEL** : Set up difficulty levels for ball drop speed and catcher size.

SEQUENCE	ITEM	DESCRIPTION
1	Very Easy	Set up to very easy level
2	Easy	Set up to easy level
3	Normal	Set up to normal level
4	Hard	Set up to difficult level

- **GAME RULE** : Set up the game rule and ticket payout.

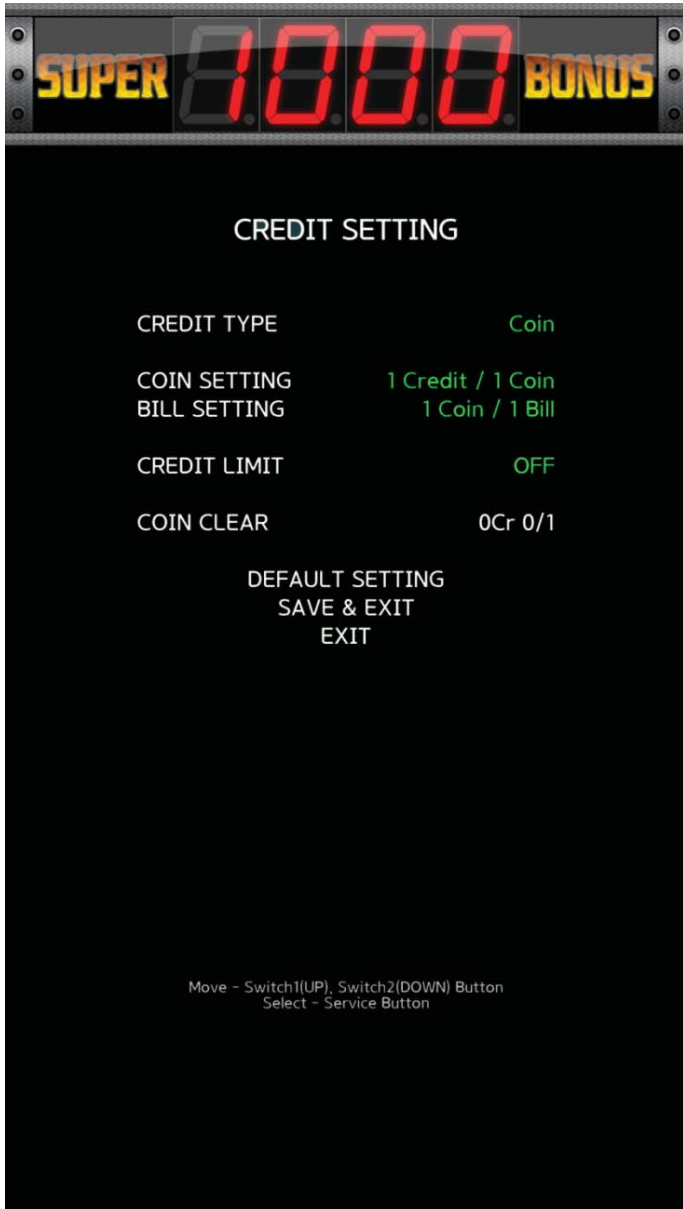
No	ITEM	DESCRIPTION
1	All levels + total tickets	Can play all levels even if you failed some and get total tickets.
2	Passed levels + total tickets	Can get total tickets until you fail.
3	Passed level	Can get the tickets on prior level only when you fail.

- **DEFAULT SETTING** : When it was selected, change **GAME SETTING** to **DAFAULT SETTING**.

- **SAVE & EXIT** : When it was selected, save the changed setting and return to the main setup manu page.

- **EXIT** : When it was selected, not save the changed setting and return to the main setup manu page.

4-1-3. CREDIT SETTING



- CREDIT TYPE : Set Up type of payment - Set Up to display type of Credit.

SEQUENCE	ITEM	DISPLAY
1	COIN(S)	INSERT COIN(S)
2	CARD(S)	SWIPE CARD(S)

- COIN SETTING : Feedback for coin, when it inserted.

SEQUENCE	DESCRIPTION	SEQUENCE	DESCRIPTION
1	Set 1 credit / 1 coin	10	Set 2 credits / 1 coin
2	Set 1 credit / 2 coins	11	Set 3 credits / 1 coin
~	~	~	~
8	Set 1 credit / 8 coins	17	9 credits / 1 coin
9	Set 1 credit / 9 coins	18	Set to free play

- BILL SETTING : Set up bill setting.

SEQUENCE	DESCRIPTION
1	1 coin / 1 bill
2	2 coins / 1 bill
~	~
10	10 coins / 1 bill

- CREDIT LIMIT : Set up maximum credit limit.

SEQUENCE	DESCRIPTION
1	Off
2	1 credit
3	2 credits
~	~
10	9 credits
11	10 credits

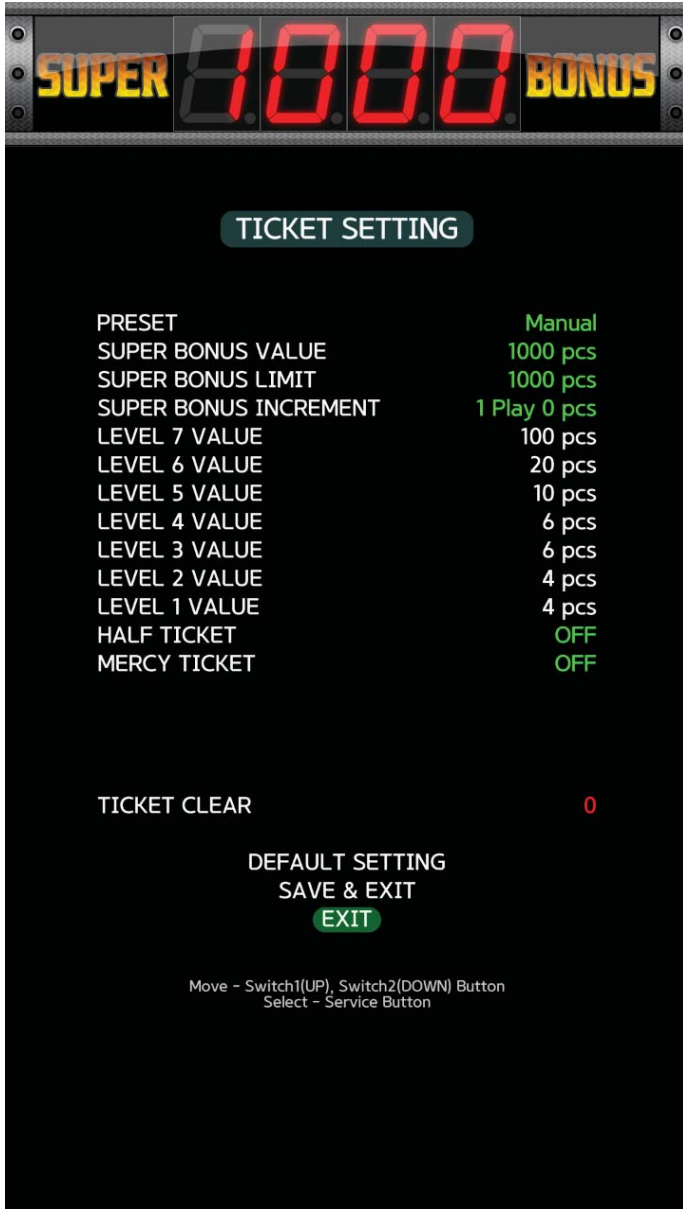
- COIN CLEAR : When it was selected, initializes the currently input coins and displays the current credit on the right side of the menu.

- DEFAULT SETTING : When it was selected, change CREDIT SETTING to DEFAULT SETTING.

- SAVE & EXIT : When it was selected, save the changed setting and return to the main setup menu page.

- EXIT : When it was selected, not save the changed setting and return to the main setup menu page.

4-1-4. TICKET SETTING



- PRESET : Select amount of compensation tickets for each levels previously set. There are four preset types for each game rule. When type A~E are selected, it cannot control redemption ticket quantities of level 1~7 by manually.

SEQUENCE	CONTENT	DESCRIPTION
1	Manual	Set up redemption ticket quantities of level 1~7 by manually
2	Type A	Set up to prescribed redemption ticket quantities of level 1~7
3	Type B	
4	Type C	
5	Type D	Set up to prescribed redemption ticket quantities of level 1~7(CEC type)
6	Type E	

- * When Type E is selected, SUPER BONUS LIMIT and SUPER BONUS INCREMENT will deactivate but SUPER BONUS VALUE will set '100' by automatically.

- SUPER BONUS VALUE : Set up super bonus ticket amount. The range is '50 ~ 3,000 pcs'. Ascent in 50 pcs per button input. Default setting is 1,000 pcs.

- SUPER BONUS LIMIT : Set up maximum super bonus limit. The range is '50 ~ 3,000 pcs'. Ascent in 50 pcs per button input. Default setting is 1,000 pcs. Super bonus cannot be set under super bonus value.

- SUPER BONUS INCREMENT : Set up super bonus increment per 1 play. If the value is '0', not use super bonus increment function. The range is '0 ~ 50 pcs', ascent in 1 pcs per button input. Default setting is '0' pcs.

- LEVEL 1 ~ 7 VALUE : Set up ticket volume, when each games win. when it set "manual" on the preset menu, it can only set the ticket valume.

- HALF TICKET : Set up ejection for half ticket that has 2 pieces value in 1 piece.

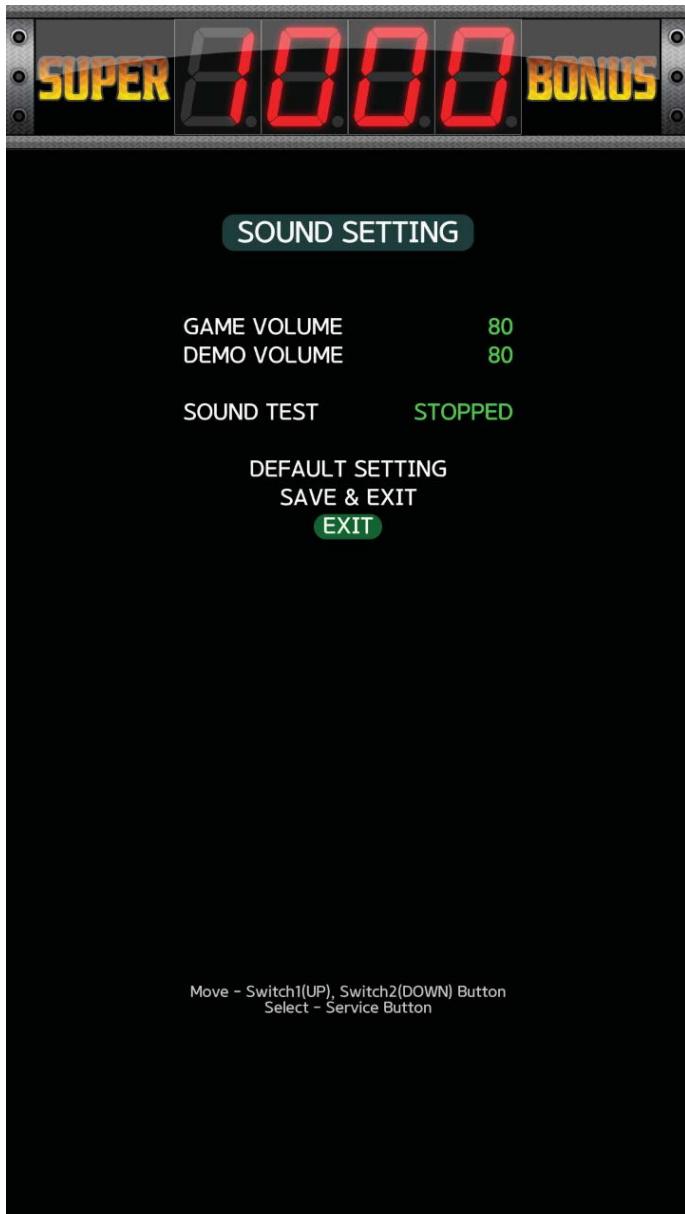
SEQUENCE	DESCRIPTION
1	On
2	Off

- MERCY TICKET : Set up number of ticket, when player didn't get any tickets.
When half ticket setting turns on, mercy ticket will set an even number.

SEQUENCE	DESCRIPTION	SEQUENCE	DESCRIPTION
1	1	7	7
2	2	8	8
3	3	9	9
4	4	10	10
5	5	11	Off
6	6		

- MERCY TICKET : Set up number of ticket, when player didn't get any tickets.
When half ticket setting turns on, mercy ticket will set an even number.
- TICKET CLEAR : Initialize a non-ejected ticket. Displays the current tickets on the right side of the menu.
- DEFAULT SETTING : When it was selected, change CREDIT SETTING to DAFULT SETTING.
- SAVE & EXIT : When it was selected, save the changed setting and return to the main setup manu page.
- EXIT : When it was selected, not save the changed setting and return to the main setup manu page.

4-1-5. SOUND SETTING



- GAME VOLUME : Set up game sound volume.
- DEMO VOLUME : Set up demo sound volume.

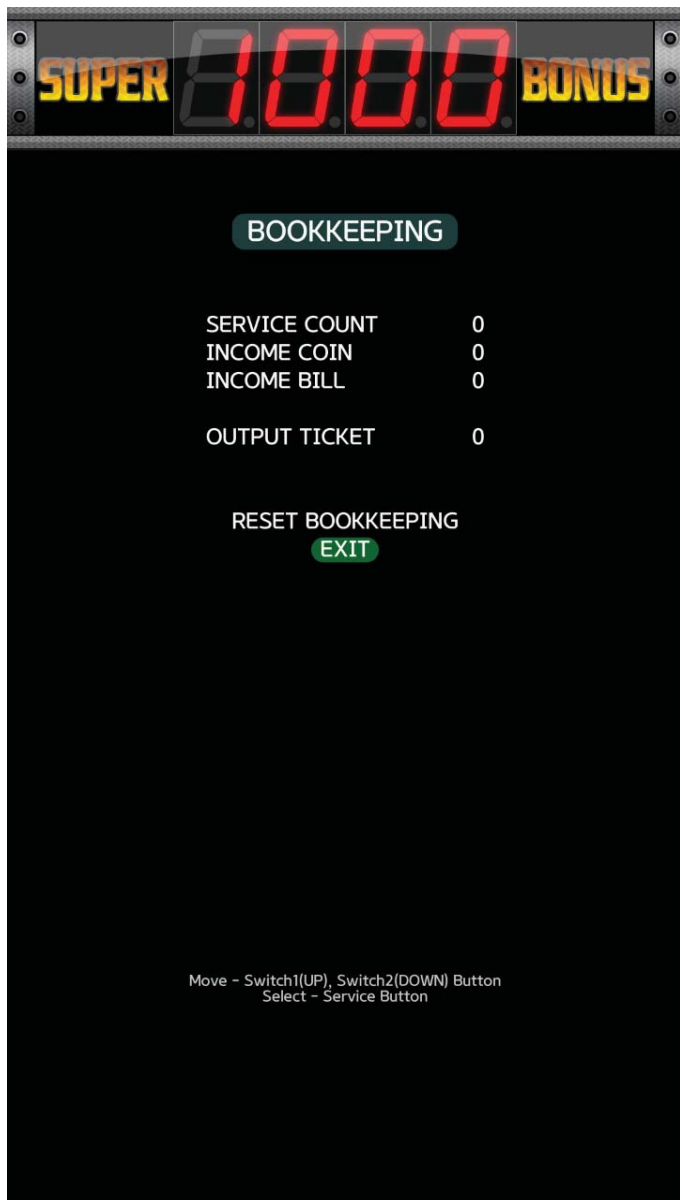
SEQUENCE	VOLUME	SEQUENCE	VOLUME
1	0	17	80
2	5	18	85
3	10	19	90
4	15	20	95
~	~	21	100

- SOUND TEST : When it was selected, play a sound test music.

DESCRIPTION	FEEDBACK
Stop	Not play a sound test music
Play	Play a sound test music

- DEFAULT SETTING : When it was selected, change SOUND SETTING to DFAULT SETTING.
- SAVE & EXIT : When it was selected, save the changed setting and return to the main setup manu page.
- EXIT : When it was selected, not save the changed setting and return to the main setup manu page.

4-1-6. BOOKKEEPING



- SERVICE COUNT : Display credit count by pressing service button.
- INCOME COIN : Display credit count by coin counter.
- INCOME BILL : Display credit count by bill counter.
- OUTPUT TICKET : Display dispensed tickets.
- RESET BOOKKEEPING : Reset Bookkeeping data.
- EXIT : Return to the main setup manu page.

4-1-7. STATISTICS



- TOTAL ACTIVE TIME : Display total accumulated active play time from turning on to turning off the machine.
(-> Display total accumulated program operation time)
- TOTAL PLAY TIME : Display total accumulated play time from starting game to game over.
- TOTAL PLAY COUNT : Display total accumulated play count.
- TOTAL ALL CLEAR COUNT : Display total accumulated clear count of Level 1~7.
- CLEAR COUNT OF LEVEL 1~7 : Display accumulated clear count of each Level 1~7.
- RESET STATISTICS : Reset the statistics data.
- EXIT : Return to the main setup manu page.

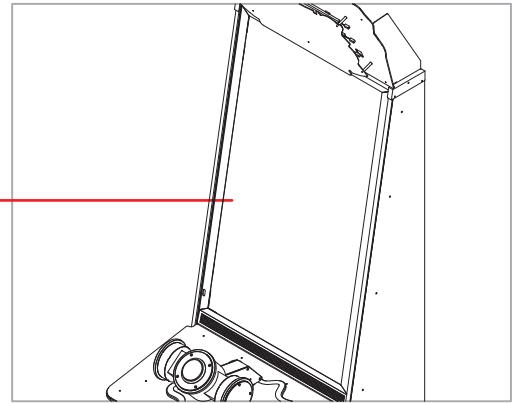
4-2. ERROR CODE

ERROR CODE	ERROR TYPE	DESCRIPTION and CHECK POINT	LIMITATIONS
E0-02	SYSTEM	SETUP DATA READ/WRITE ERROR 1. SETUP MENU -> FACTORY DEFAULT -> SYTEM REBOOT 2. REPLACE HDD IF STILL SAME PROBLEM	- Not operate coin - Not operate game button - Cannot play game
E0-03		SETUP DATA ERROR 1. SETUP MENU -> FACTORY DEFAULT -> SYSTEM REBOOT 2. REPLACE HDD IF STILL SAME PROBLEM	- Not operate coin - Not operate game button - Cannot play game
E0-10 E0-11		I/O BOARD CONNECTION ERROR OR I/O BOARD DISCONNECT ERROR 1. CHECK USB CONNECTION BETWEEN MK BOX AND I/O BOARD -> REBOOT THE SYSTEM 2. REPLACE I/O BOARD OR MK BOX IF STILL SAME PROBLEM	- Not operate All I/O - Cannot play game
E0-20		USB LOCK DEVICE CONNECTION ERROR 1. CHECK CONNECTION BETWEEN MK BOX AND USB LOCK 2. CHECK RED LED LIGHT IS ON AT USB LOCK 3. REPLACE USB LOCK OR MK BOX IF STILL SAME PROBLEM	- Not operate coin - Not operate game button - Cannot play game
E1-01		COIN MACHINE	COIN MACHINE SENSOR ERROR 1. CHECK 'NC', 'NO' SWITCH ON COIN MACHINE (IF IT IS ON 'NC', CHANGE TO 'NO' AND REBOOT) 2. CHECK SENSOR OF COIN MACHINE	- Not operate coin - Not operate game button - Cannot play game
E1-02	BILL MACHINE	BILL MACHINE SENSOR ERROR 1. CHECK SENSOR OF BILL MACHINE	- Not operate game button - Cannot play game
ET-01	TICKET ERROR	TICKET DISPENSING ERROR 1. CHECK TICKET JAM OR STOCK OF 1P TICKET MACHINE 2. CHECK SENSOR, MOTOR OF TICKET MACHINE. 3. REPLACE TICKET MACHINE IF STILL SAME PROBLEM	- No ticket dispensing

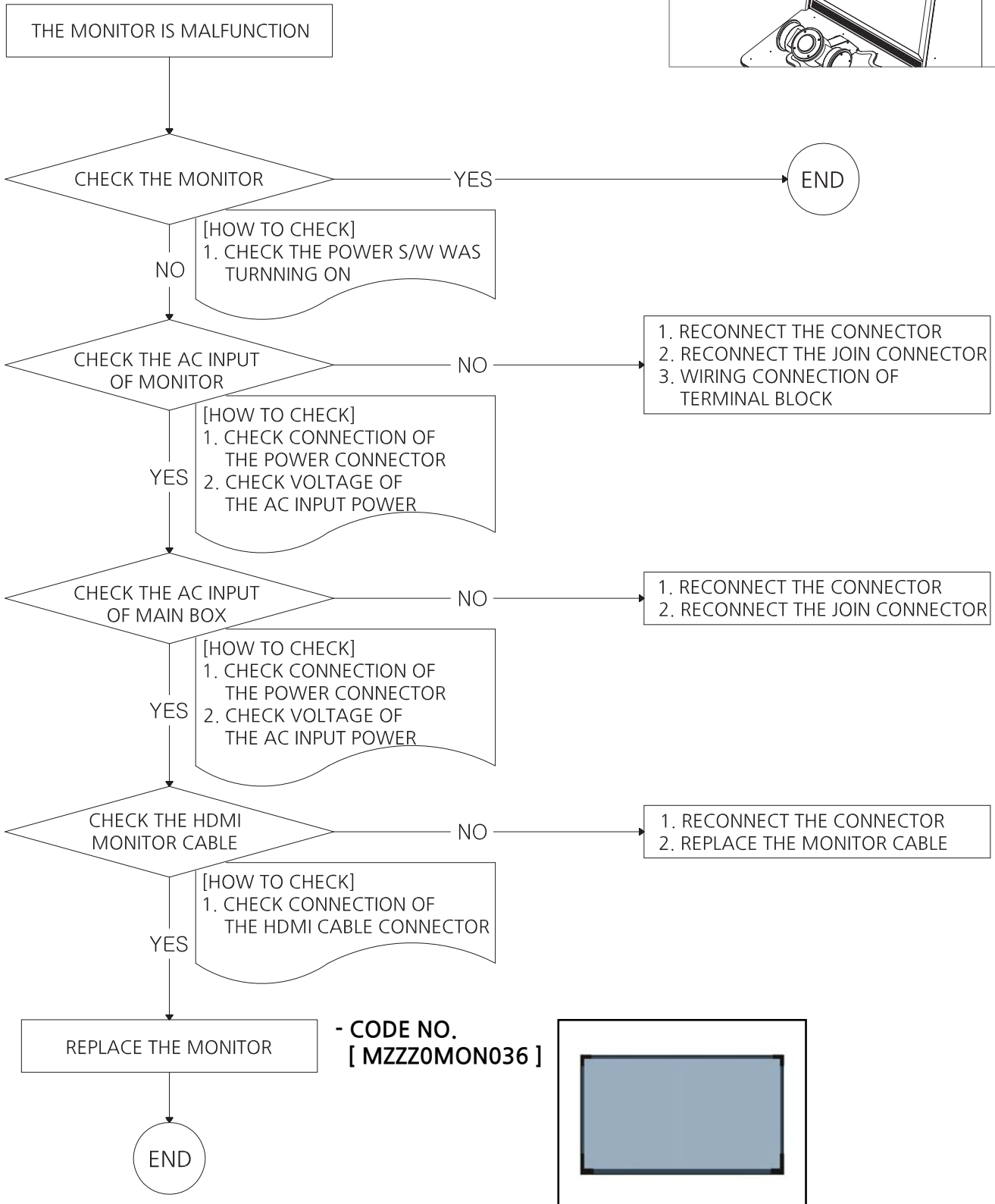
5. TROUBLESHOOTING

* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

5-1. MONITOR ERROR

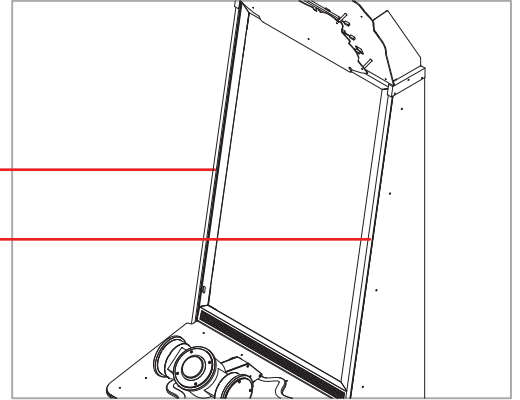


MONITOR

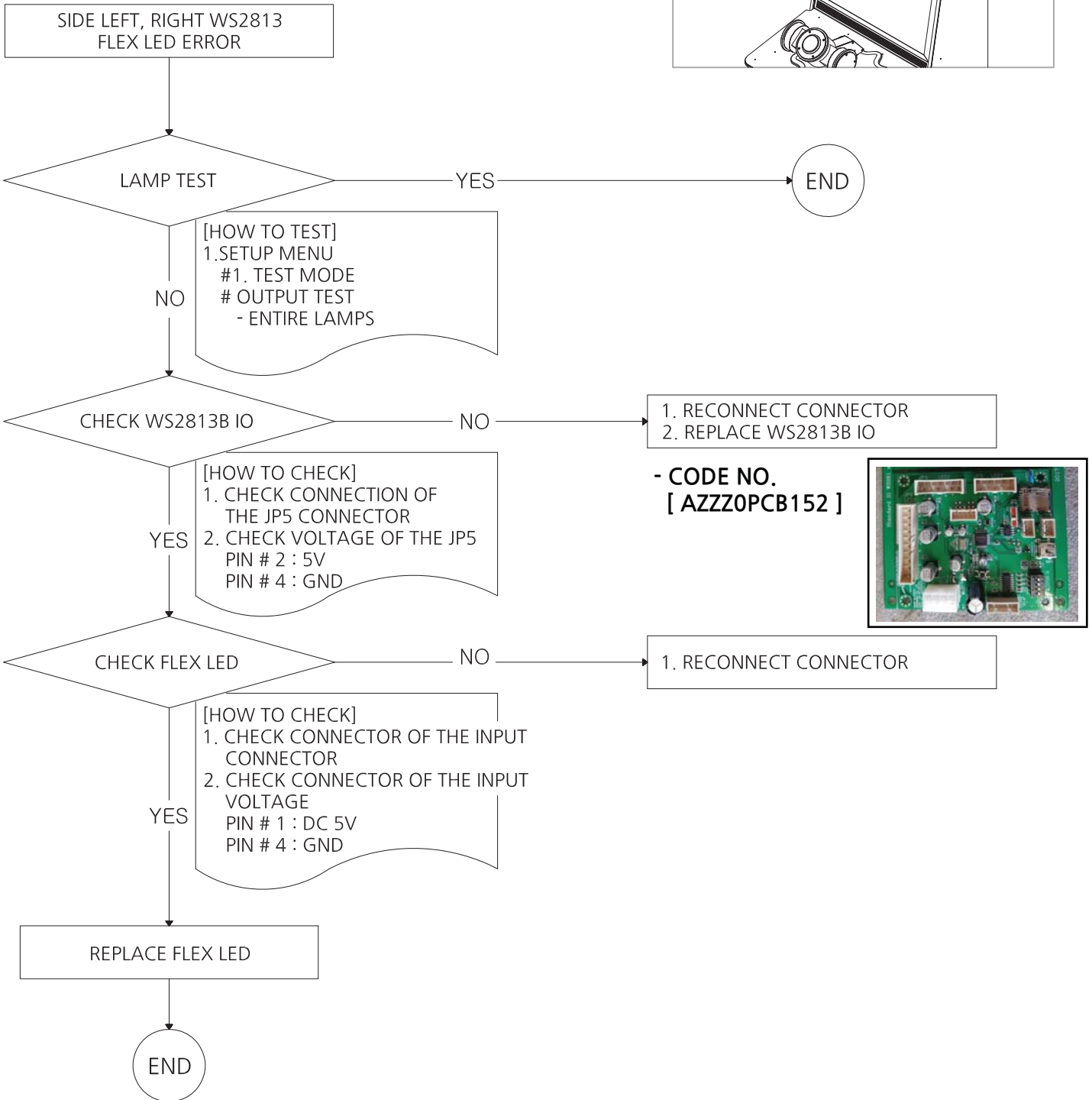


* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

5-2. SIDE LEFT, RIGHT WS2813 FLEX LED ERROR



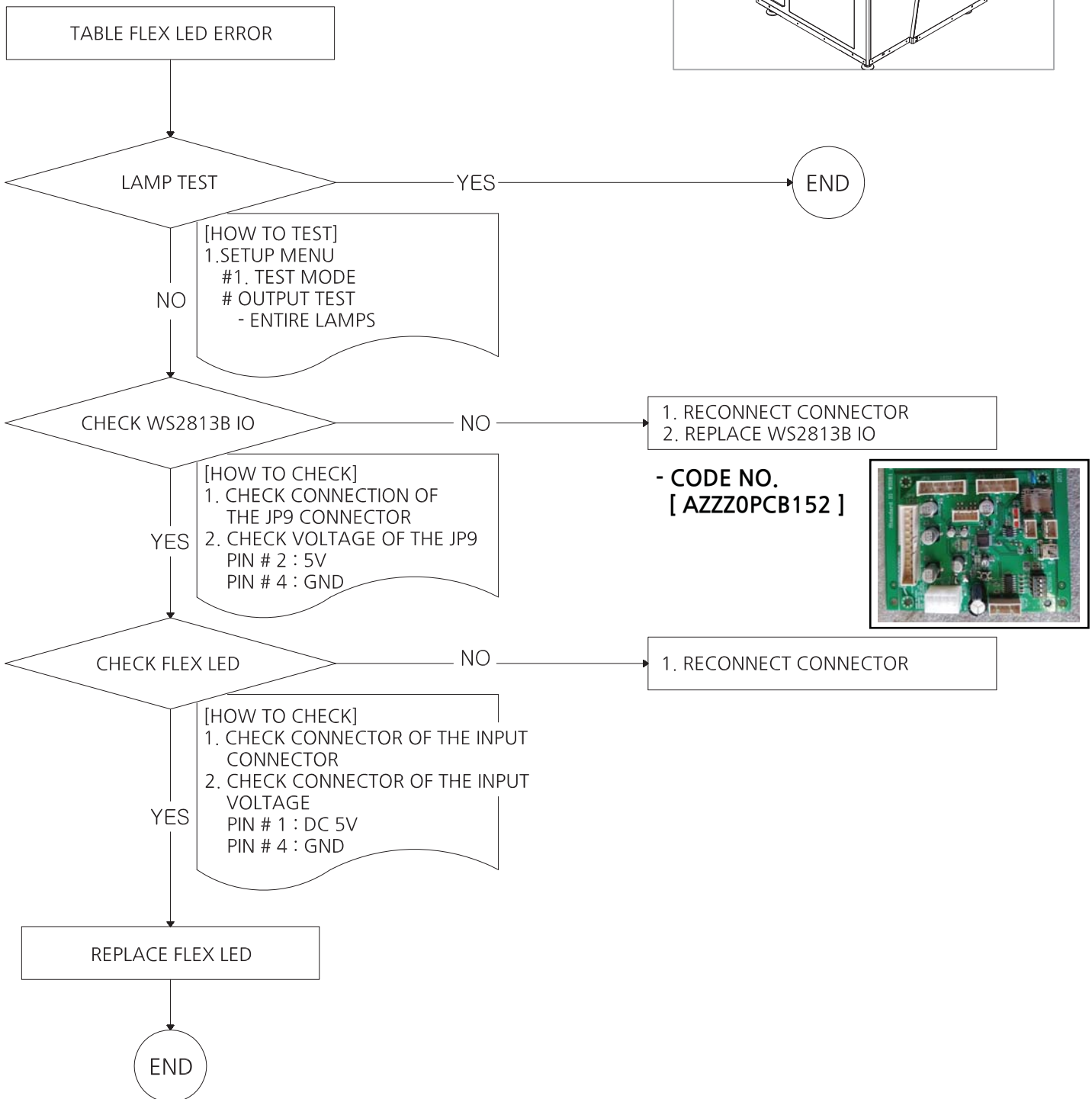
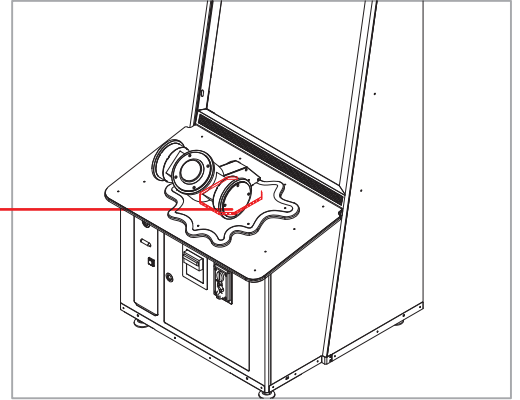
SIDE LEFT FLEX LED
 SIDE RIGHT FLEX LED



* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

5-3. TABLE FLEX LED ERROR

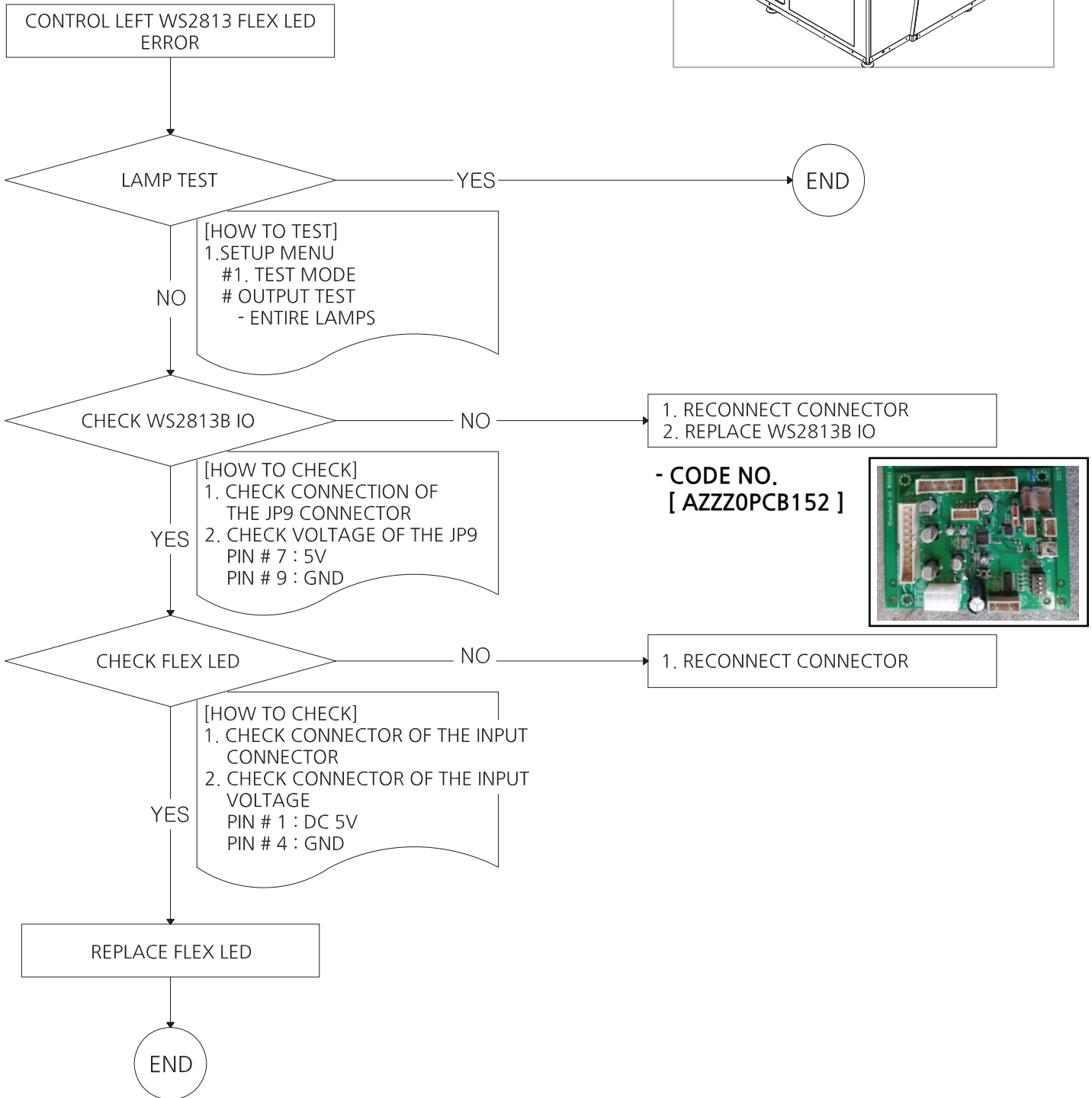
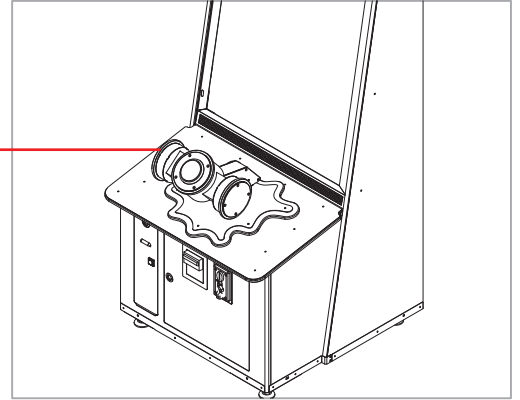
TABLE FLEX LED



* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

5-4. CONTROL LEFT WS2813 FLEX LED ERROR

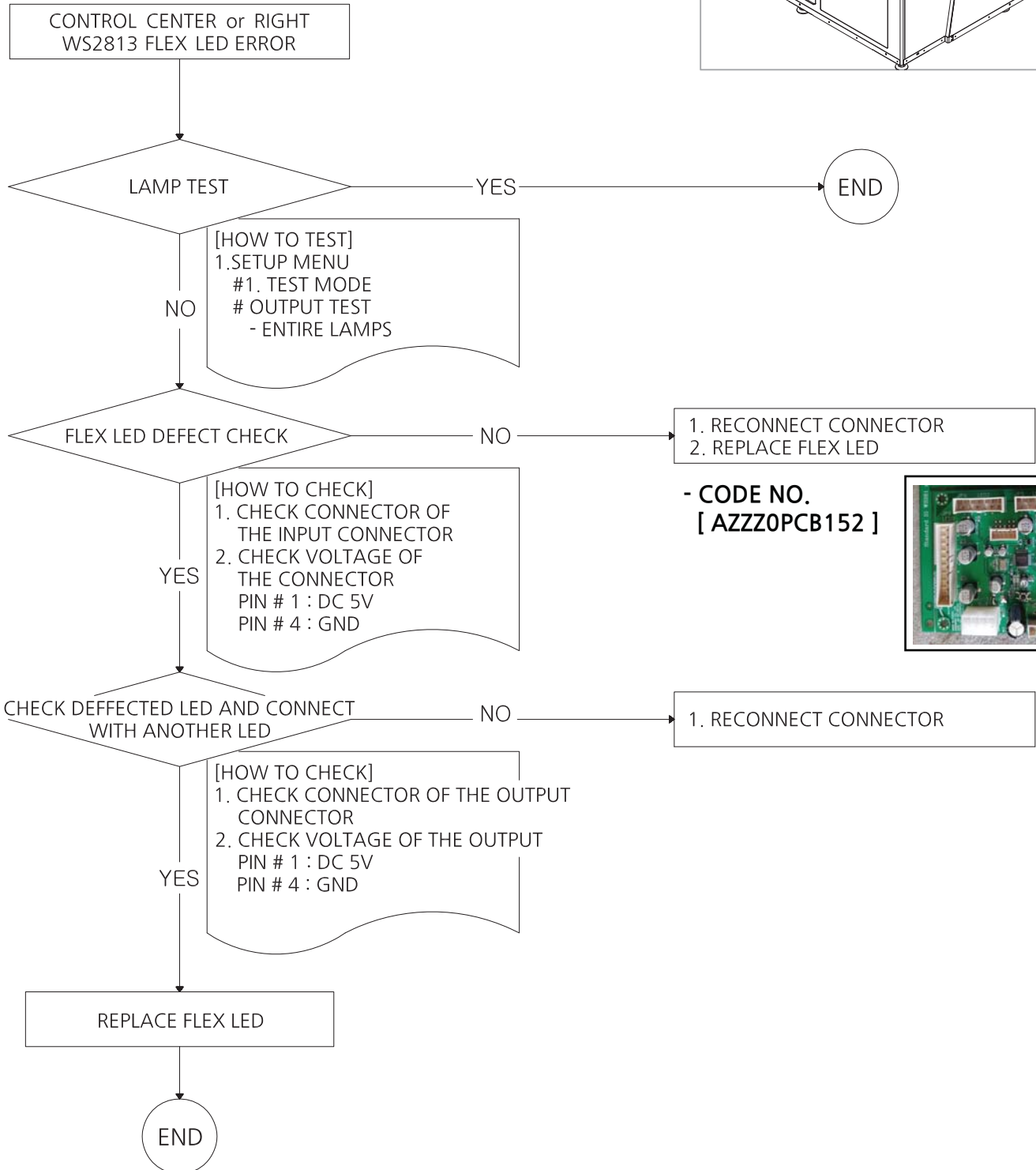
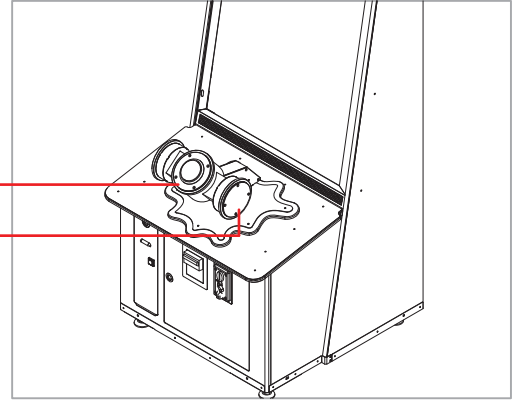
CONTROL LEFT LED



* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

5-5. CONTROL CENTER or RIGHT WS2813 FLEX LED ERROR

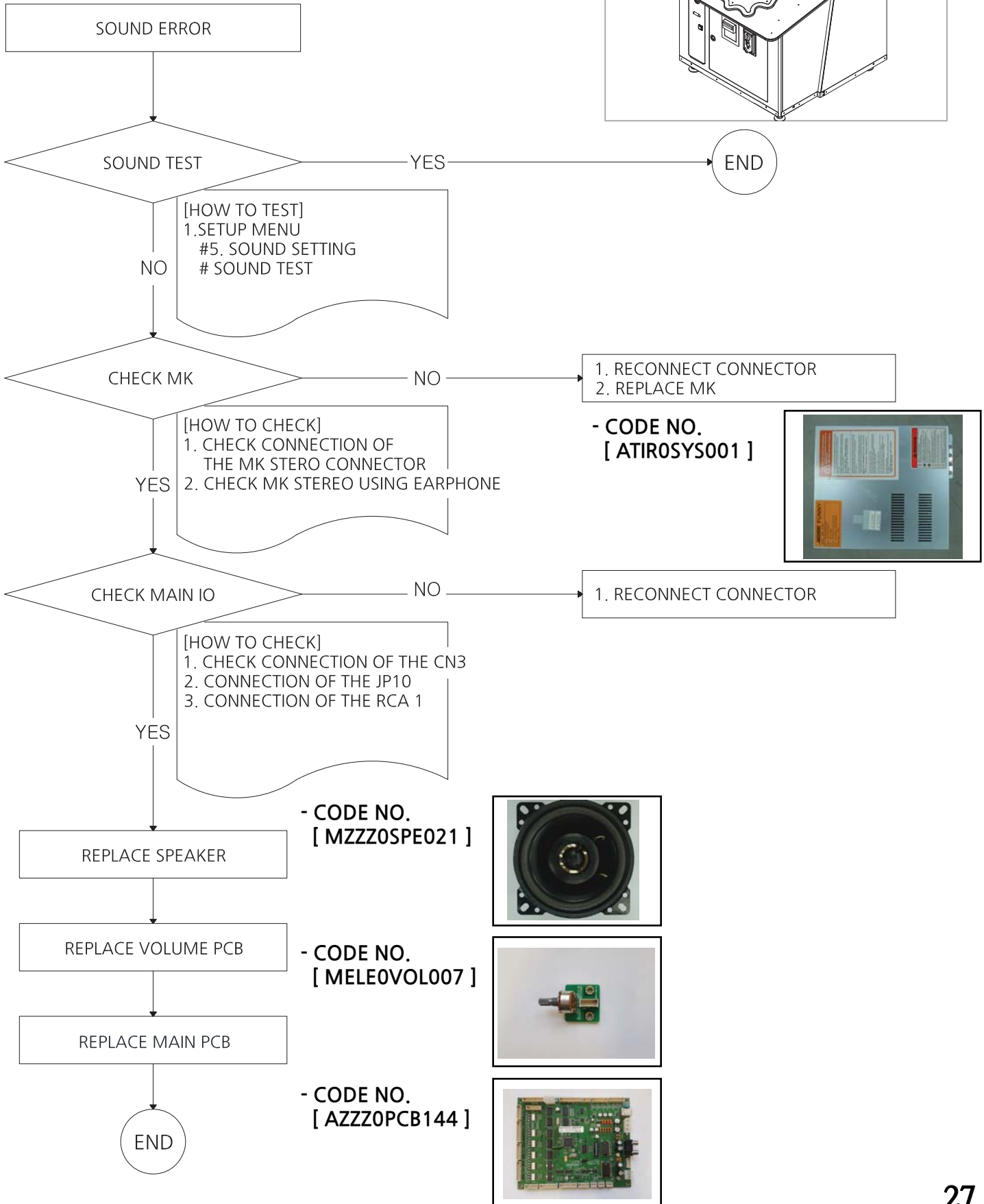
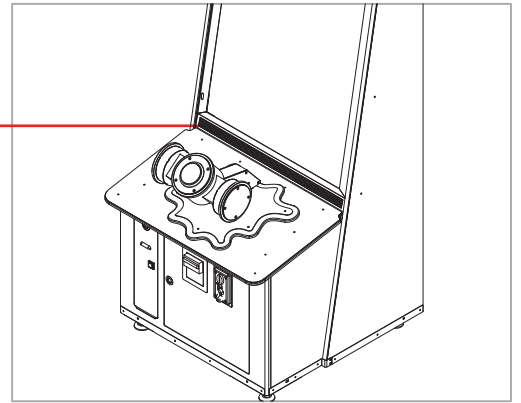
CONTROL CENTER LED
 CONTROL RIGHT LED



* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

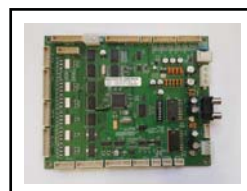
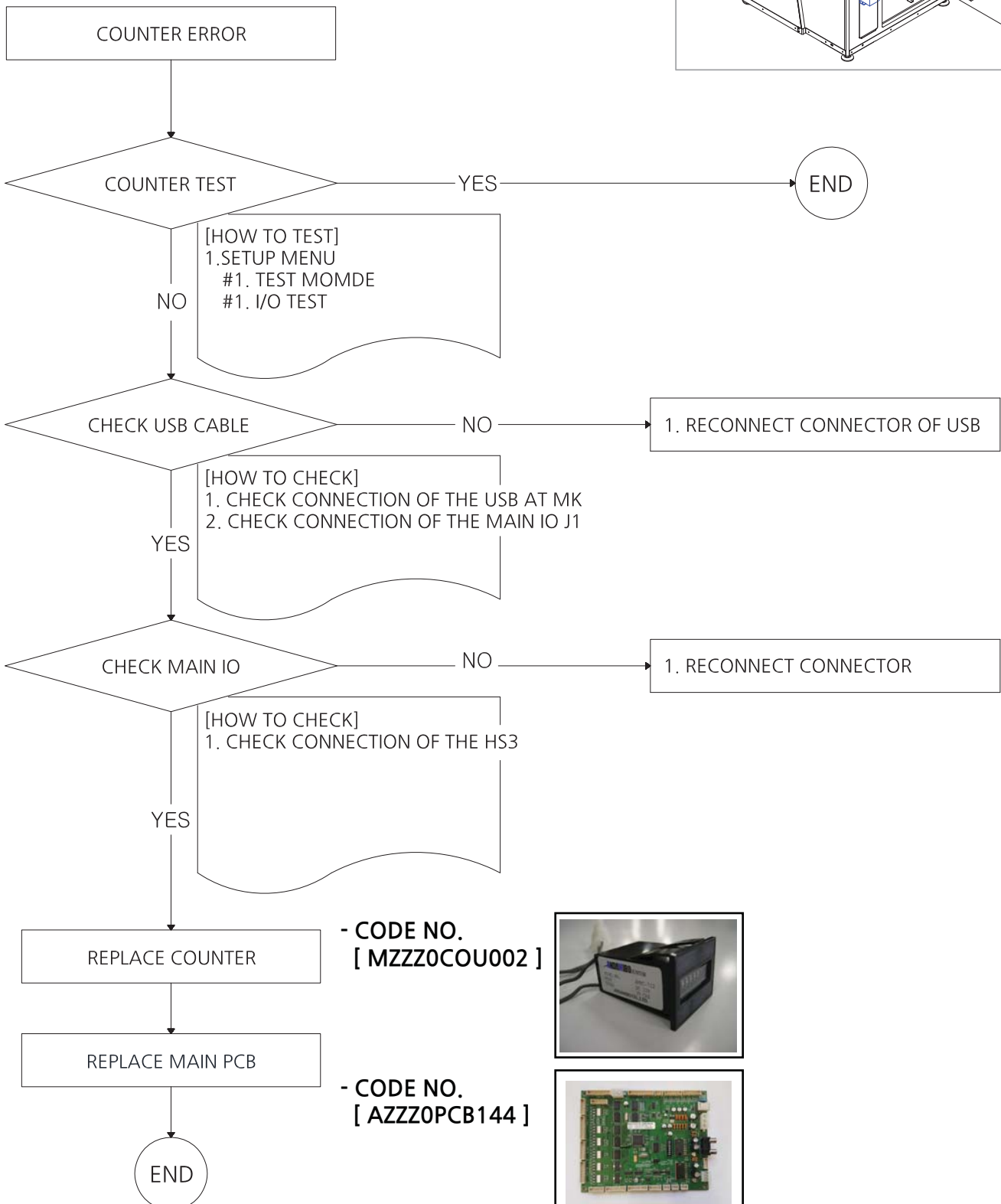
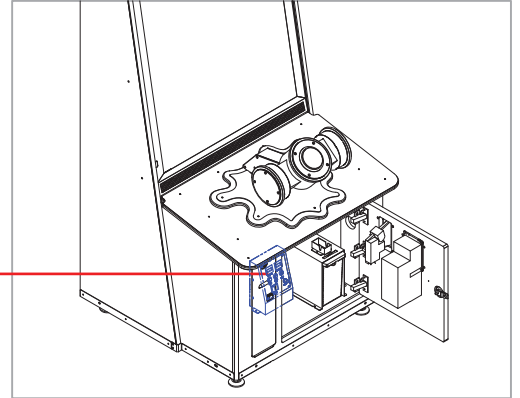
5-6. SOUND ERROR

SPEAKER



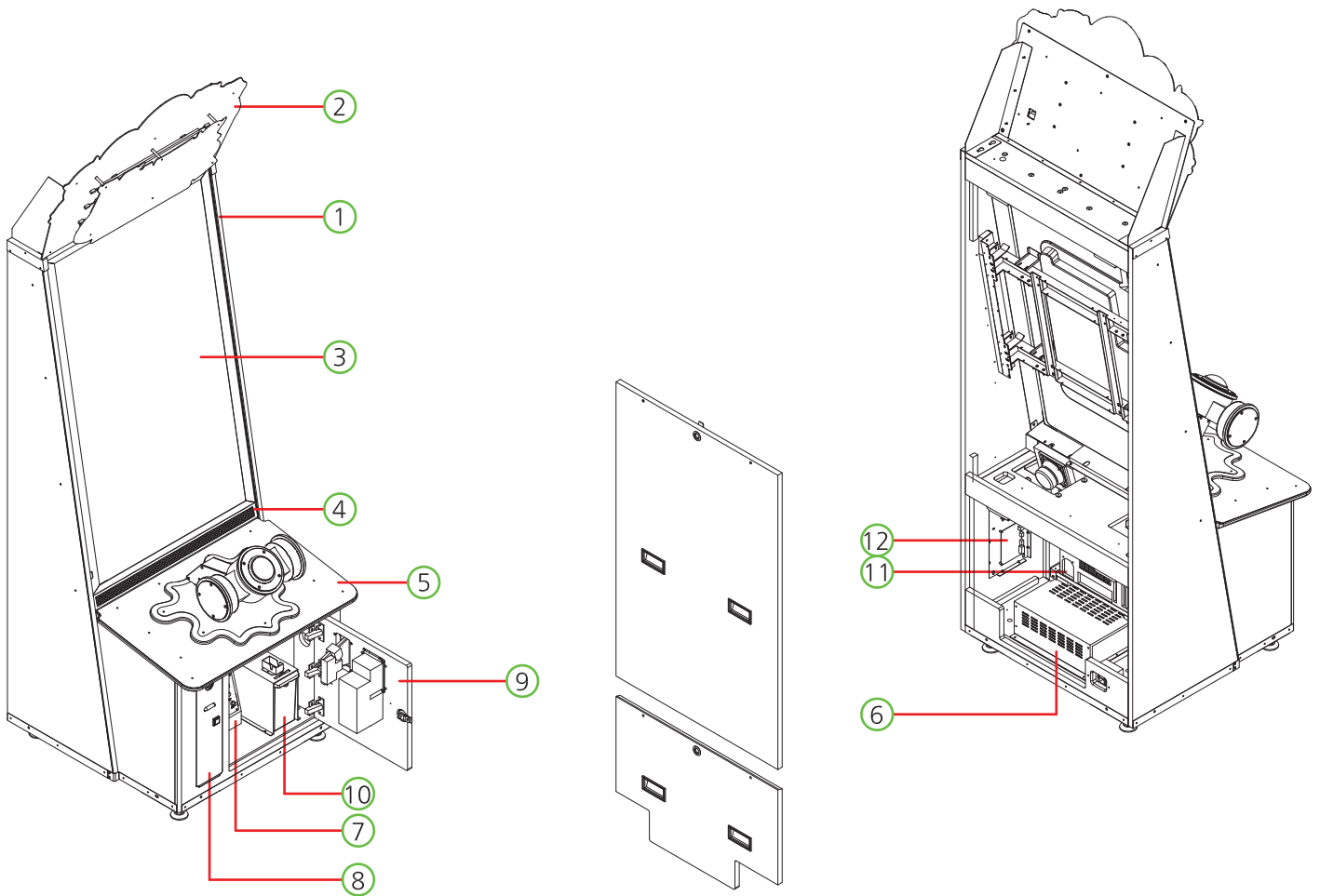
* General check up : Check the supply voltage and wiring connection properly
 * "NO" : Means faulty of the check up result.

5-7. COUNTER ERROR



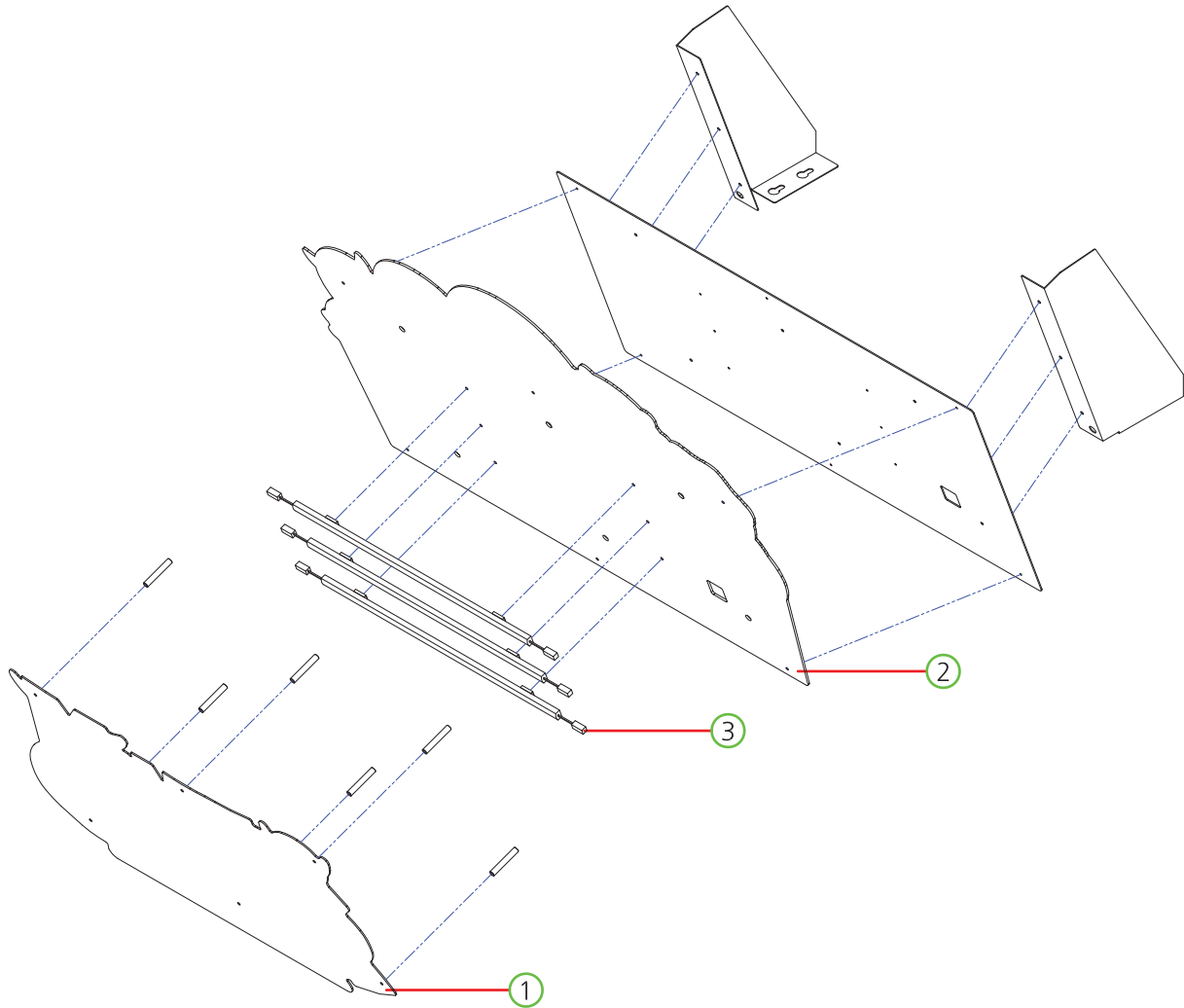
6. EXPLODED VIEW

6-1. MAIN CABINET PART



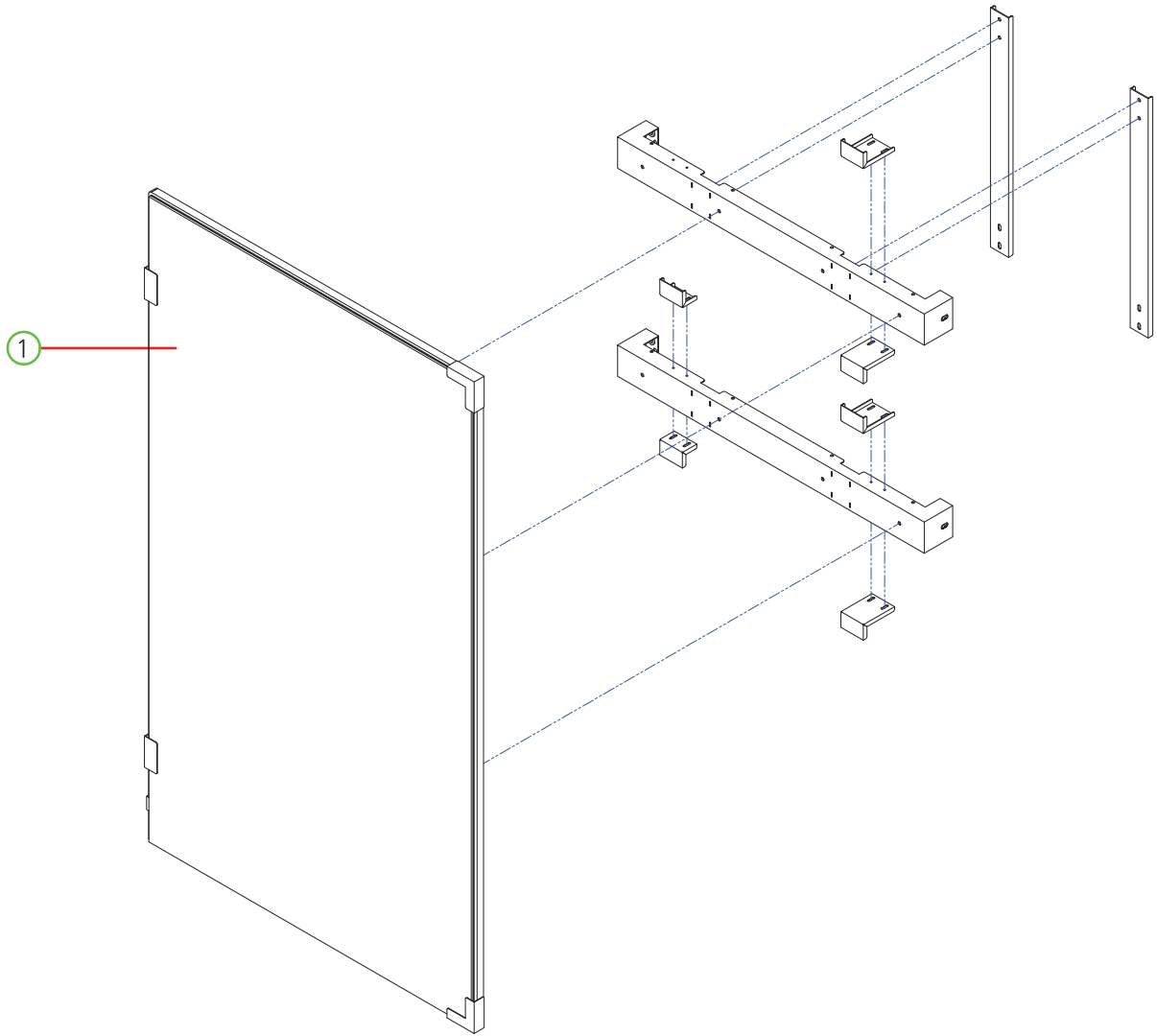
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	MAIN CABINET PART	-	1	-
2	BILLBOARD PART	-	1	-
3	MONITOR FRAME PART	-	1	-
4	SPEAKER COVER PART	-	1	-
5	TABLE PANEL PART	-	1	-
6	SMPS PART	-	1	-
7	SERVICE PANEL PART	-	1	-
8	TICKET DISPENSER PART	-	1	-
9	FRONT DOOR PART	-	1	-
10	COIN BOX PART	-	1	-
11	MAIN BOX PART	-	1	-
12	CABINET PCB PART	-	1	-

6-2. BILLBOARD PART



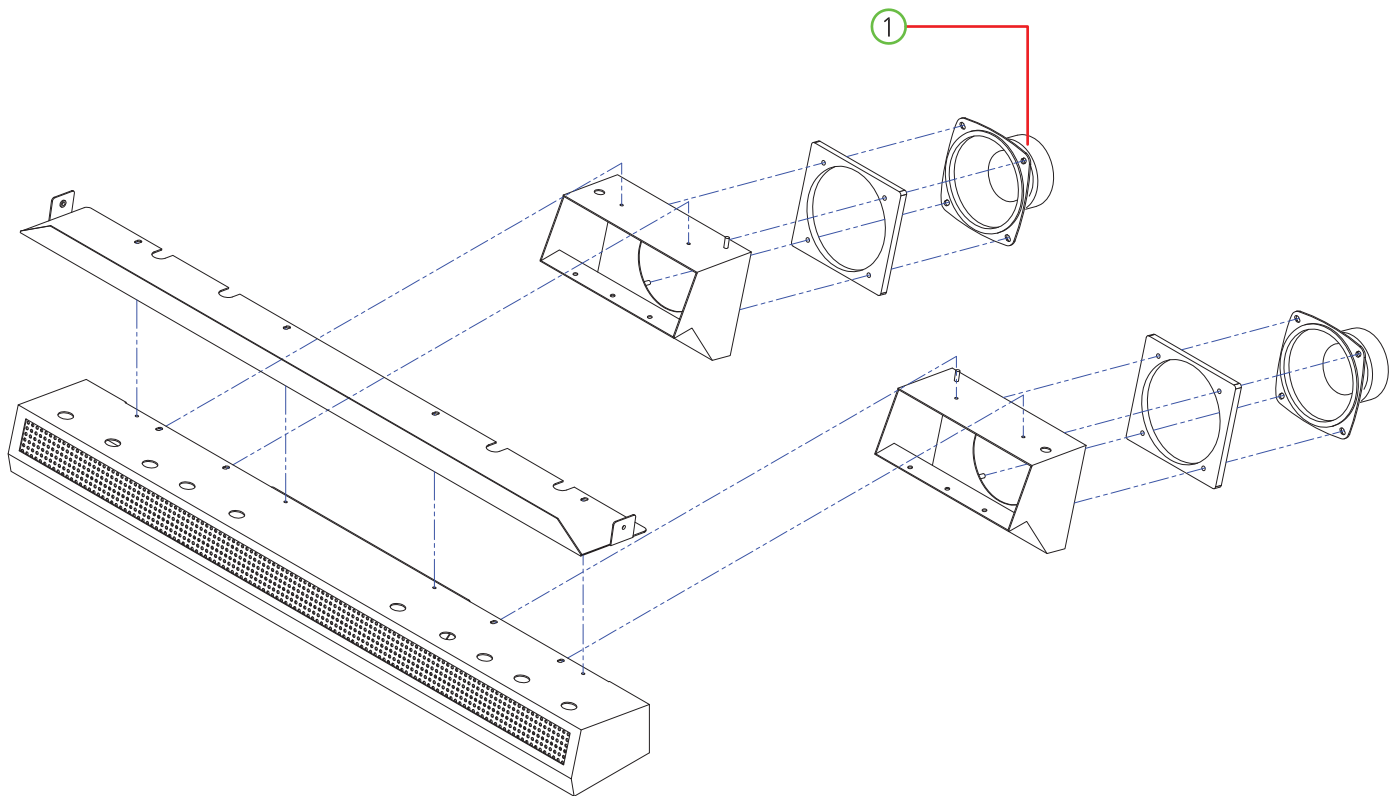
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	BILLBOARD LOGO PET	PET-2.0T	1	AMSC0ACP002
2	BILLBOARD POP FOMAX	FORMAX-3.0T	1	AMSC0ACP001
3	LED BAR 12V ASS'Y	460mm	3	AZZZ0PCB124

6-3. MONITOR FRAME PART



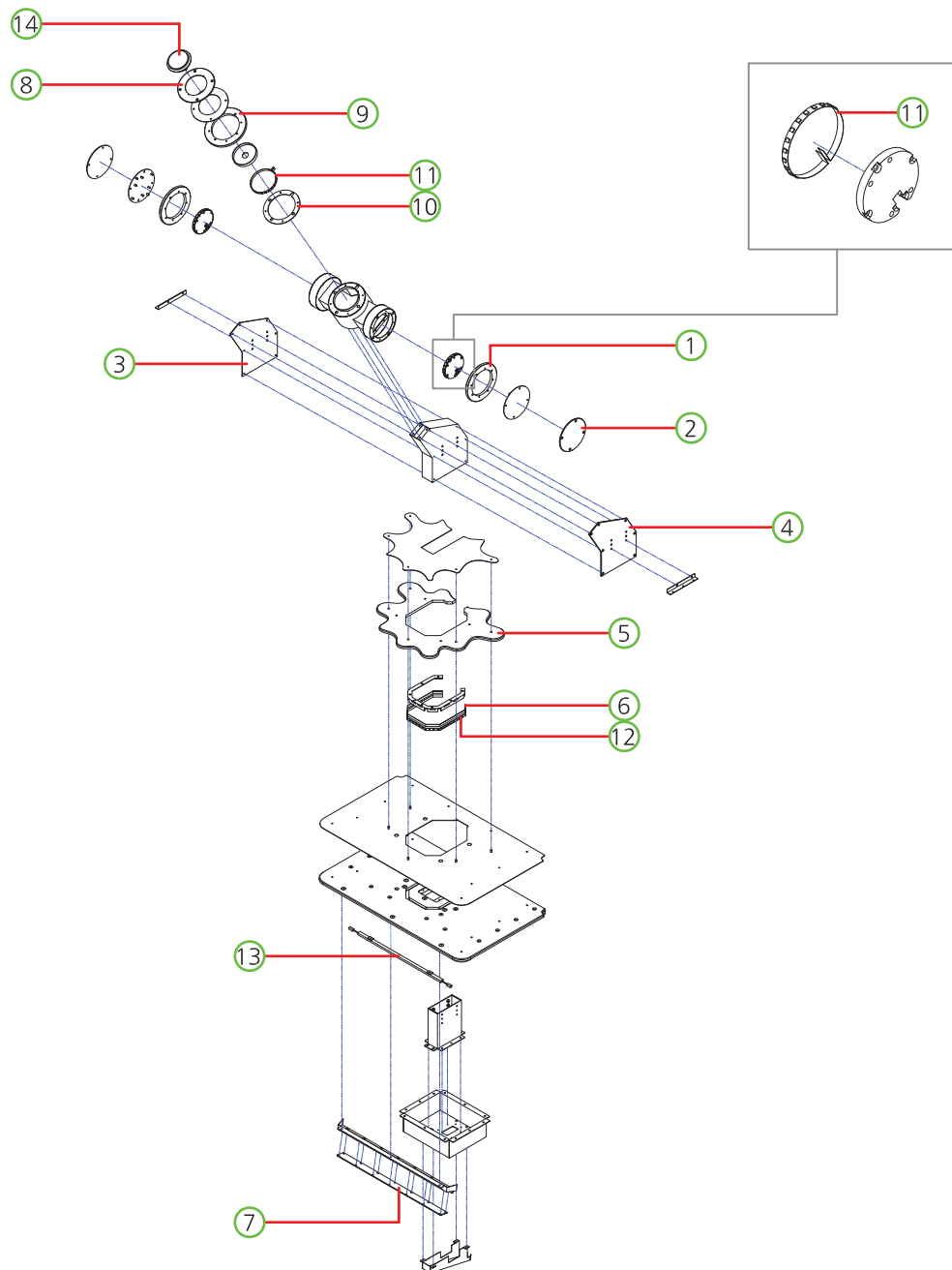
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	LED MONITOR	LM5512	1	MZZZ0MON036

6-4. SPEAKER COVER PART



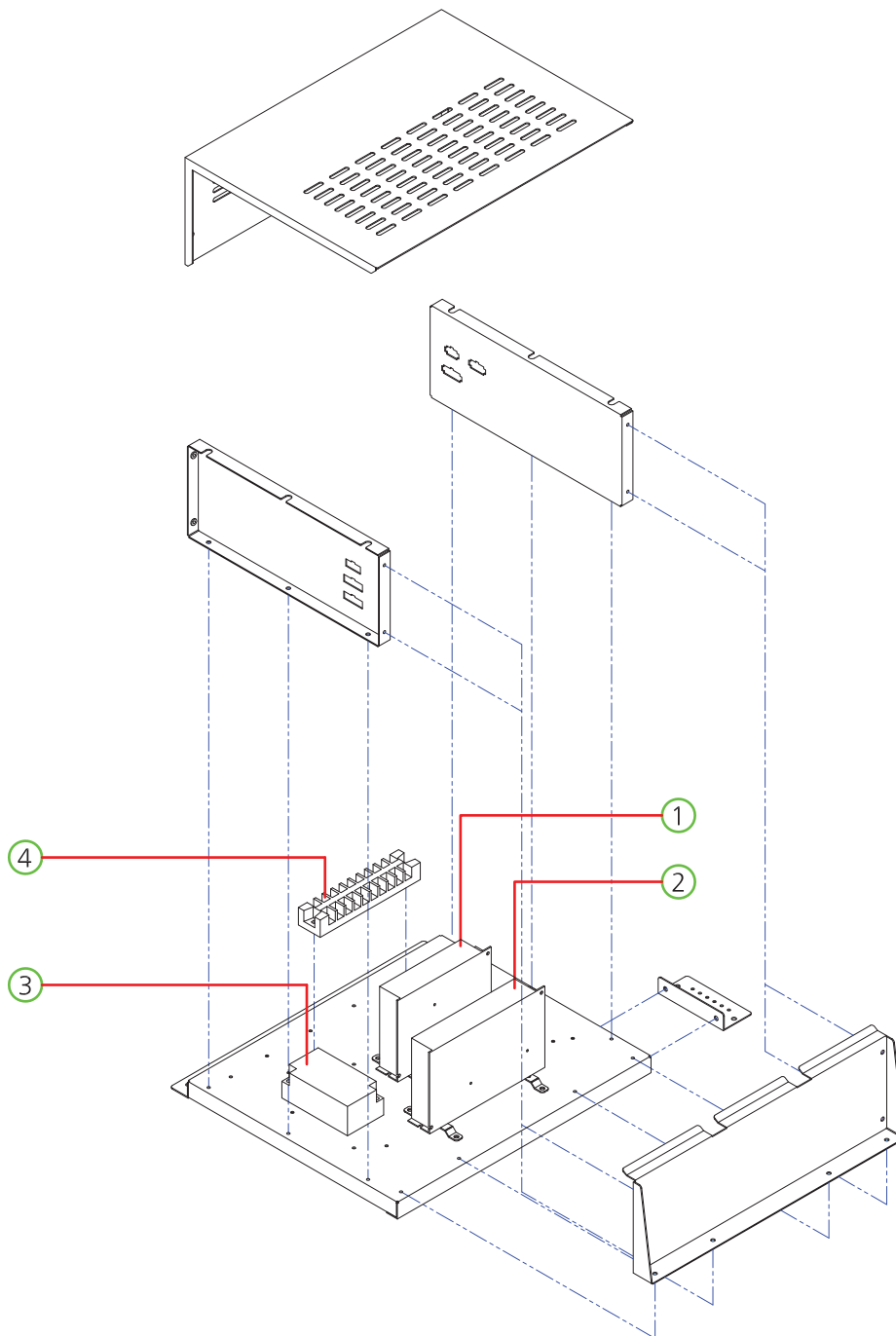
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	SPEAKER	MID4.5"+TW1/2" 8Ω	2	MZZZ0SPE021

6-5. TABLE PANEL PART



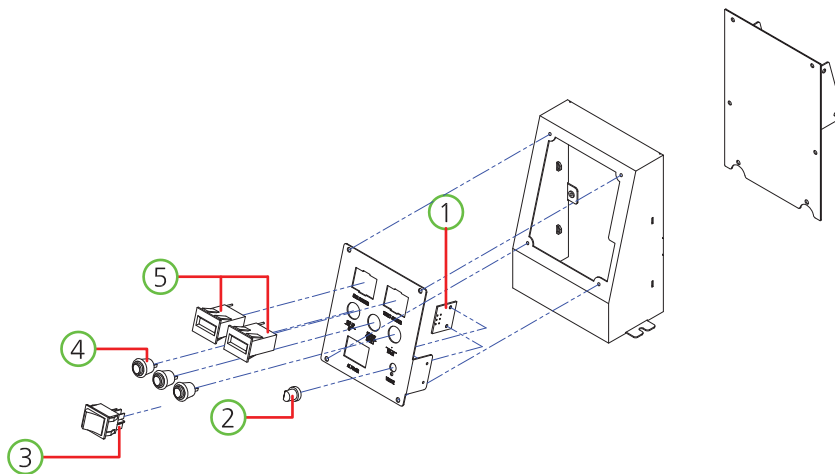
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	CONTROLLER SIDE LED ACRYL	ACRYL-10.0T	1	MMSC0ACR006
2	BUTTON COVER ACRYL	ACRYL-3.0T	2	AMSC0ACP004
3	CONTROLLER SIDE ACRYL L	ACRYL-3.0T	1	AMSC0ACP005
4	CONTROLLER SIDE ACRYL R	ACRYL-3.0T	1	AMSC0ACP006
5	CONTROLLER BOTTOM ACRYL	ACRYL-10.0T	1	MMSC0ACR004
6	CONTROLLER BOTTOM LED PET	PET-1.0T	1	MMSC0ACR012
7	FRONT TABLE LED ARC COVER	ACRYL-3.0T	1	MMSC0ACR007
8	BUTTON CENTER ACRYL	ACRYL-3.0T	1	AMSC0ACP003
9	CONTROLLER CENTER LED ACRYL	ACRYL-10.0T	1	MMSC0ACR010
10	CENTER BUTTON SUP PET	PET-2.0T	1	MMSC0ACR009
11	FLEX_WS2813B_20EA_NWP_LR	-	3	MELE0LED050
12	FLEX_WS2813B_33EA_NWP_L	-	1	MELE0LED051
13	LED BAR 12V ASS'Y	460mm	1	AZZZ0PCB124
14	BUTTON SWITCH	CWB 401-WHITE 100MM LED	1	MZZZ0BUT080

6-6. SMPS PART



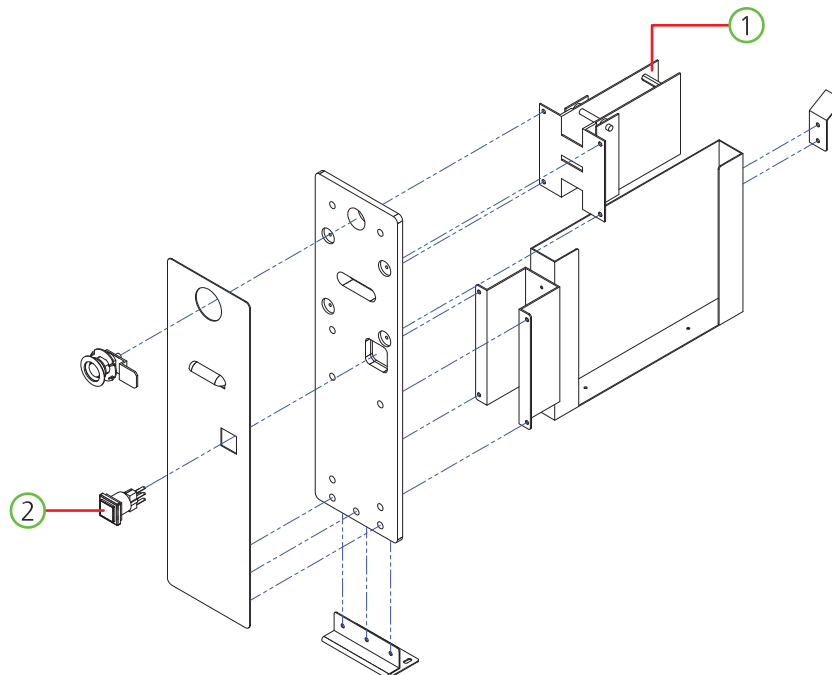
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	POWER SMPS	LRS-100-5	1	MELE0SMP095
2	POWER SMPS	LRS-150F-12	2	MELE0SMP090
3	NOISE FILTER	RNS-2010	1	MELE0NOI009
4	TERMINAL BLOCK	250V, 10P	1	MELE0TEB003

6-7. SERVICE PANEL PART



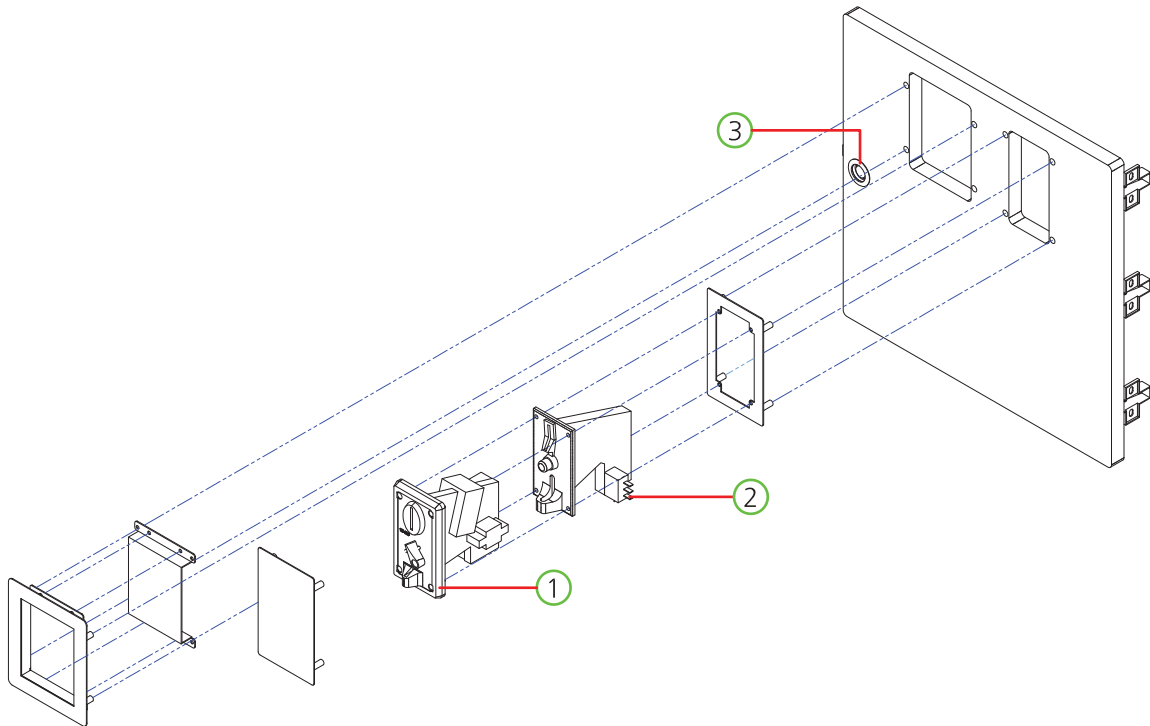
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	VOLUME PCB ASS'Y	1 VOLUME	1	AHM20PCB016
2	VOLUME KNOB	CAP BLUE	1	MELE0VOL007
3	ROCKER SWITCH	R595KDF	1	MELE0SWI021
4	PUSH BUTTON SWITCH	DS-412R ROSH	3	MELE0PUS006
5	COUNTER	OA127CL	2	MZZZ0COU002

6-8. TICKET DISPENSER PART



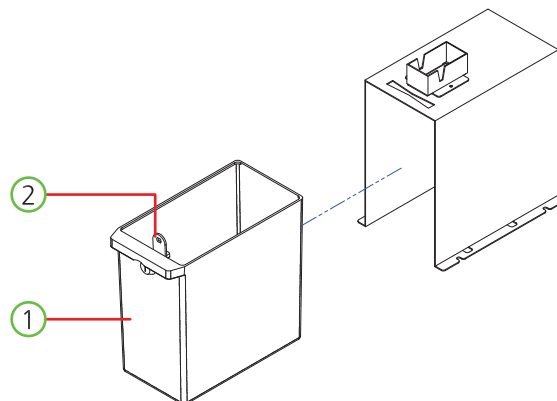
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	TICKET DISPENSOR	CLE CL-002Q	1	MZZZ0TID010
2	BUTTON SWITCH	TICKET AM1PB-26SH R12D	1	MMUM0BUT002

6-9. FRONT DOOR PART



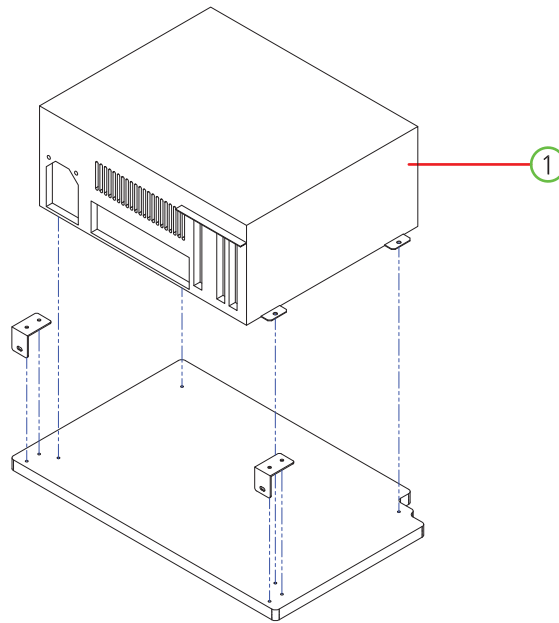
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	COIN SELECTOR [INT]	TW-389	1	MZZZ0COS052
2	COIN SELECTOR [CEC]	HS-03CS+SWITCH	1	MZZZ0COS028
3	KEY ASS'Y [INT]	7001	1	MZZZ0KEY076
	KEY ASS'Y [CEC]	CEC C581	1	MZZZ0KEY069

6-10. COIN BOX PART



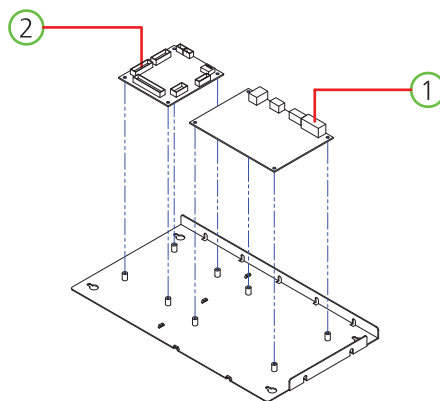
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	COIN BOX SMALL	BLACK	1	AZZZ0PLA012
2	KEY ASS'Y [INT]	6001	1	MZZZ0KEY075
	KEY ASS'Y [CEC]	CEC C581	1	MZZZ0KEY069

6-11. MAIN BOX PART



NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	MK BOX ASS'Y	MONSTER	1	ATIROSYS001

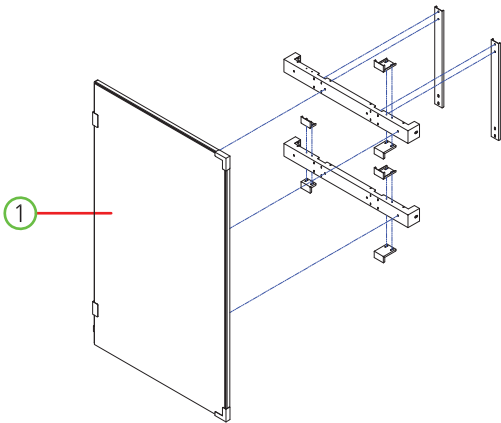
6-12. CABINET PCB PART



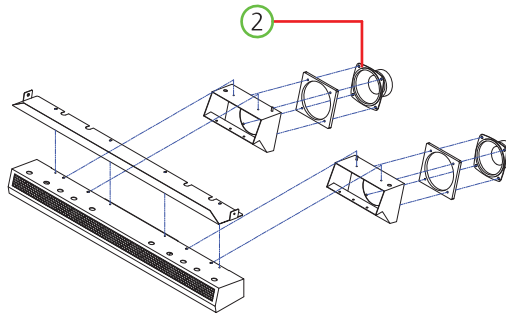
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	USB I/O PCB ASS'Y	-	1	ATTC0PCB001
2	WS2812B IO PCB ASS'Y	-	1	AZZZ0PCB152

7. PART PICTURE

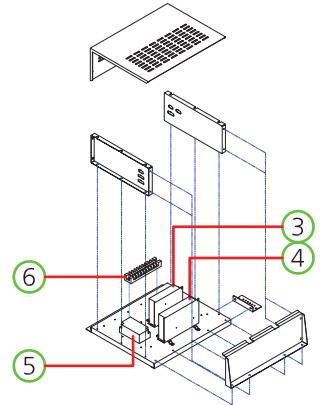
- MONITOR FRONT COVER PART



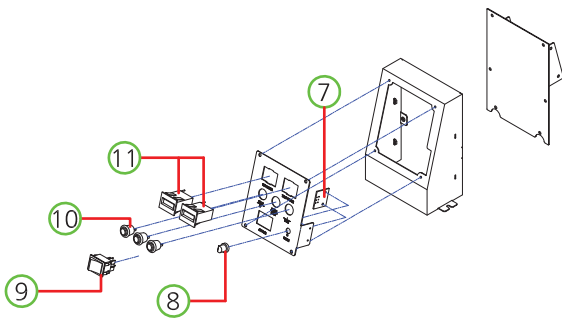
- SPEAKER COVER PART



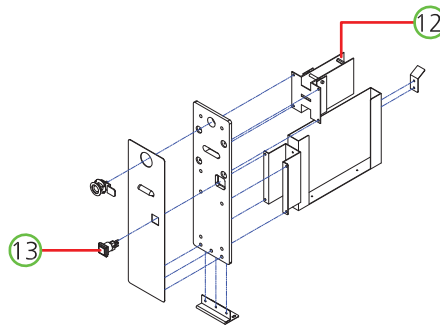
- SMPS PART



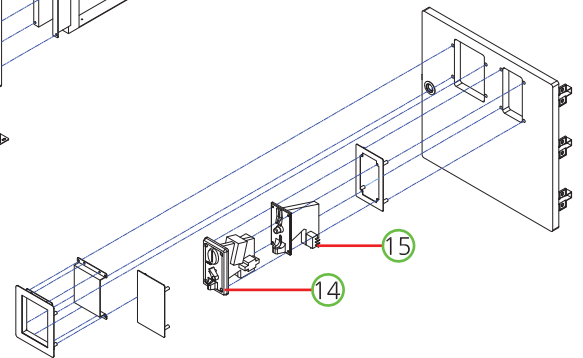
- SERVICE PANEL PART



- TICKET DISPENSER PART



- FRONT DOOR PART



MONITOR FRONT COVER PART

SPEAKER COVER PART

TABLE PANEL PART

FRONT DOOR PART

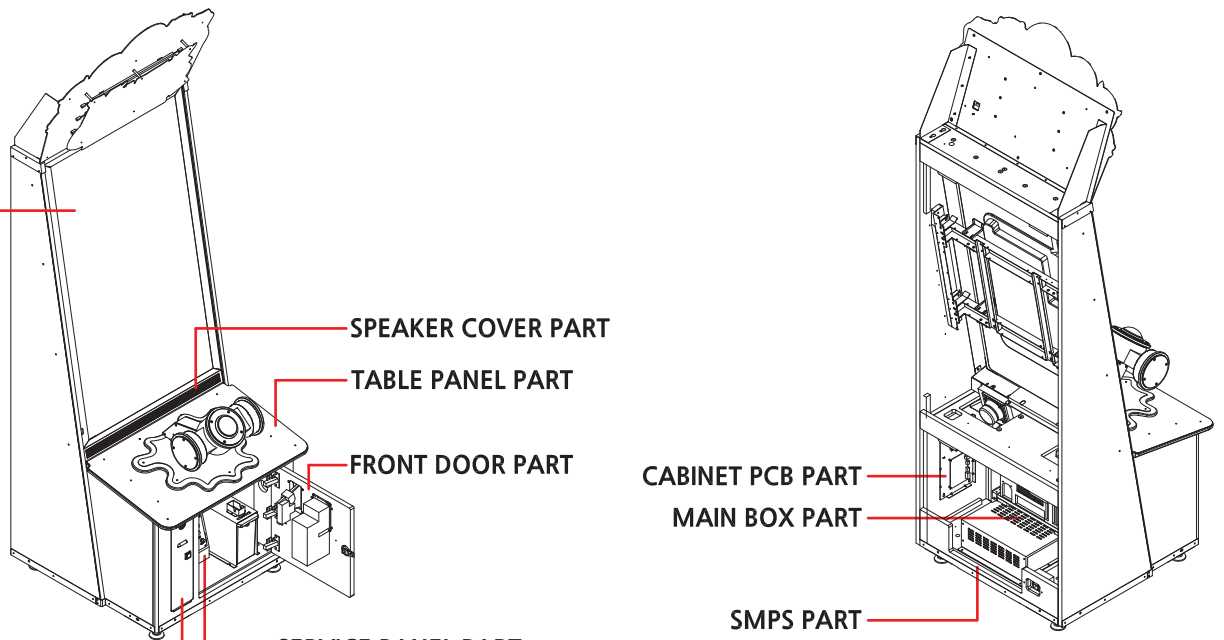
SERVICE PANEL PART

CABINET PCB PART

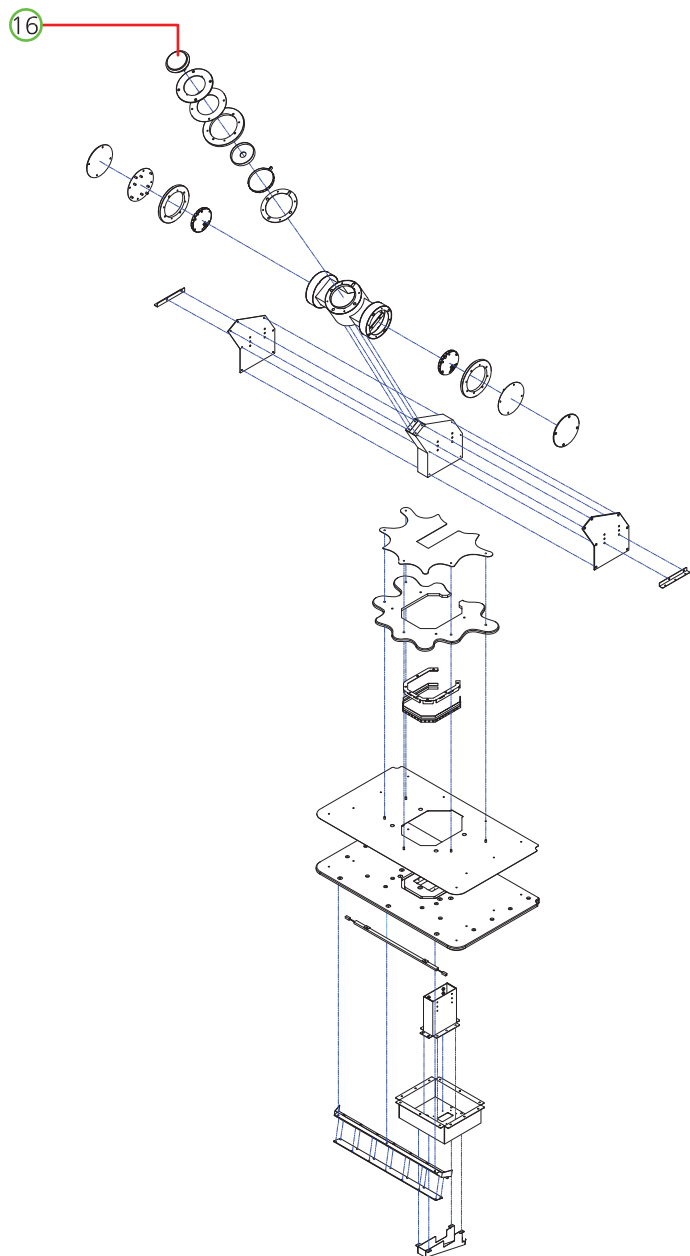
MAIN BOX PART

SMPS PART

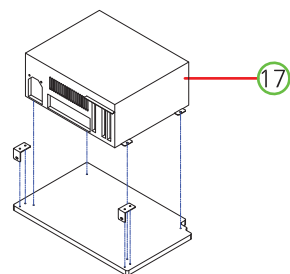
TICKET DISPENSER PART



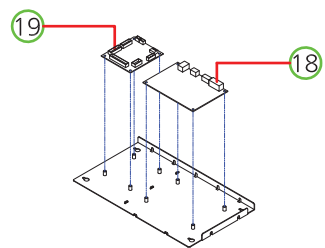
- MONITOR FRONT COVER PART



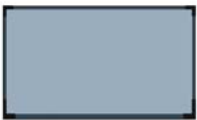





- MAIN BOX PART



- CABINET PCB PART



NO.	PIC	PART NAME	SPEC.	QTY	CODE NO.	WARRANTY	
						6 Month	One Year
①	○	LED MONITOR	LM5512	1	MZZZ0MON036		○
②	○	SPEAKER	MID4.5"+TW1/2" 8Ω	2	MZZZ0SPE021	N / A	N / A
③	○	POWER SMPS	LRS-100-5	1	MELE0SMP095		○
④	○	POWER SMPS	LRS-150F-12	1	MELE0SMP090		○
⑤	○	NOISE FILTER	RNS-2010	1	MELE0NOI009	N / A	N / A
⑥	○	TERMINAL BLOCK	250V, 10P	1	MELE0TEB003	N / A	N / A
⑦	○	VOLUME PCB ASS'Y	1 VOLUME	1	AHM20PCB016	N / A	N / A
⑧	○	VOLUME KNOB	CAP BLUE	1	MELE0VOL007	N / A	N / A
⑨	○	ROCKER SWITCH	R595KDF	1	MELE0SWI021	N / A	N / A
⑩	○	PUSH BUTTON SWITCH	DS-412R ROHS	3	MELE0PUS006	N / A	N / A
⑪	○	COUNTER	OA127CL	2	MZZZ0COU002	N / A	N / A
⑫	○	TICKET DISPENSOR	CLE CL-002Q	1	MZZZ0TID010	N / A	N / A
⑬	○	BUTTON SWITCH	TICKET AM1PB-26SH R12D	1	MMUM0BUT002	N / A	N / A
⑭	○	COIN SELECTOR [INT]	TW-389	1	MZZZ0COS052	N / A	N / A
⑮	○	COIN SELECTOR [CEC]	HS-03CS+SWITCH	1	MZZZ0COS028	N / A	N / A
⑯	○	BUTTON SWITCH	CWB 401-WHITE 100MM LED	1	MZZZ0BUT080	N / A	N / A
⑰	○	MK BOX ASS'Y	TIGHT ROPE	1	ATIR0SYS001		○
⑱	○	USB MAIN PCB ASS'Y	STAND IO	1	AZZZ0PCB144		○
⑲	○	WS2812B IO PCB ASS'Y	-	1	AZZZ0PCB152		○

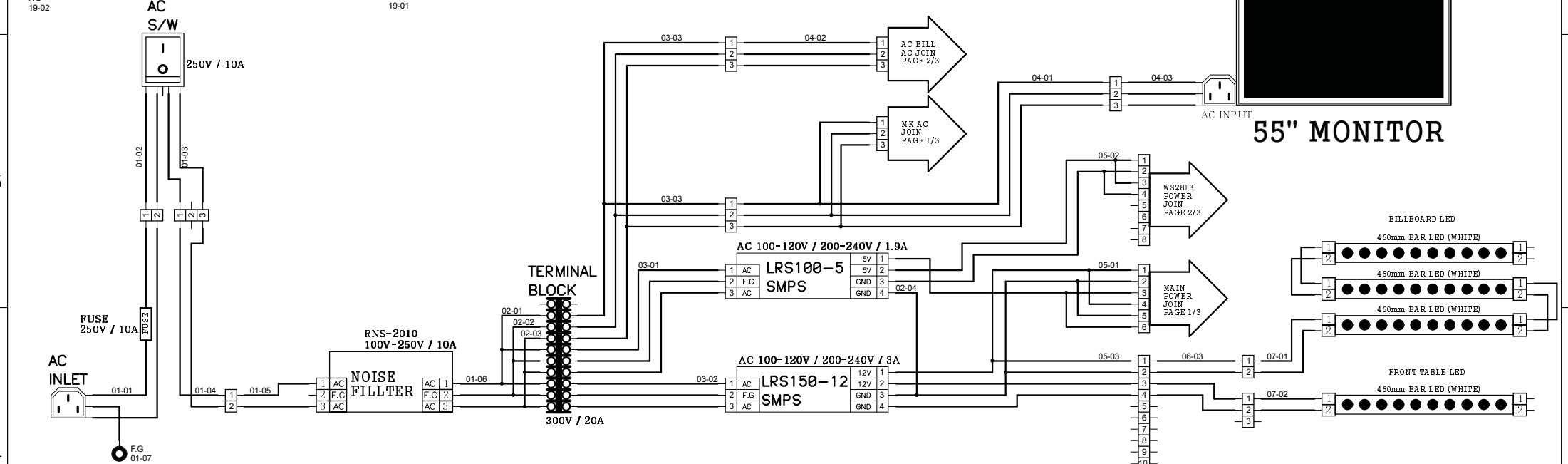
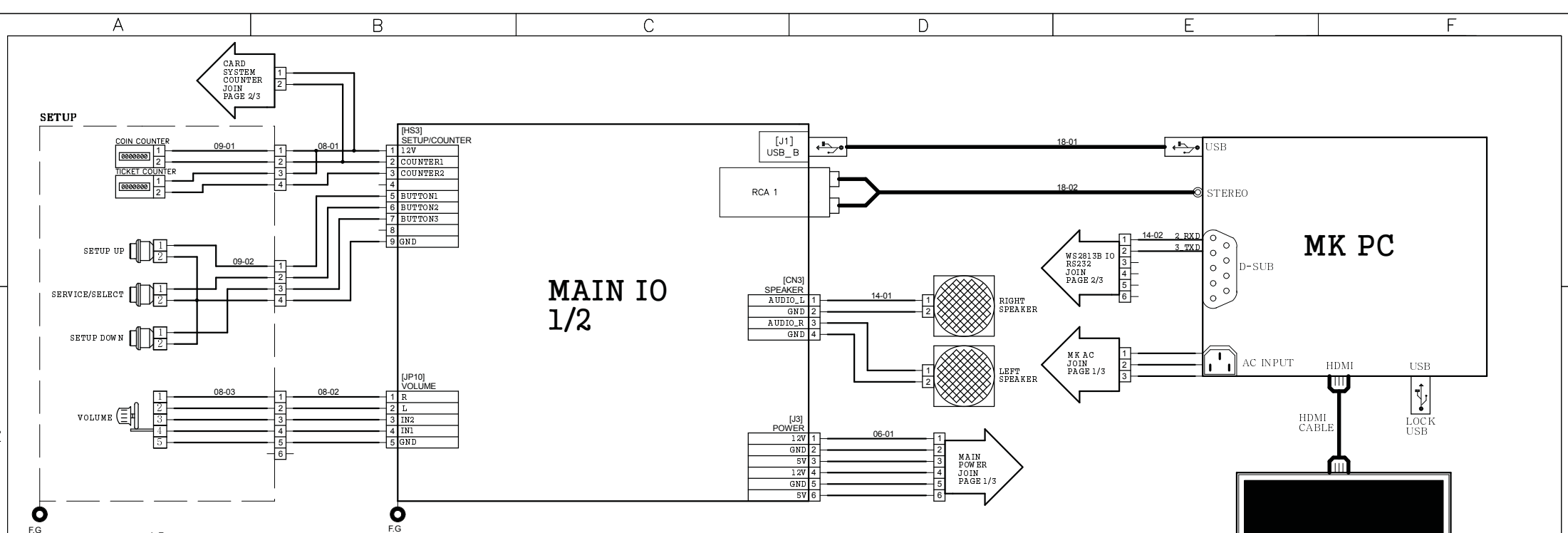
1	2	3	4	5	6
					
MZZ0MON036	MZZ0SPE021	MELE0SMP095	MELE0SMP090	MELE0NOI009	MELE0TEB003

7	8	9	10	11	12
					
AHM20PCB016	MELE0VOL007	MELE0SWI021	MELE0PUS006	MZZ0COU002	MZZ0TID010

13	14	15	16	17	18
					
MMUM0BUT002	MZZ0COS052	MZZ0COS028	MZZ0BUT080	ATIR0SYS001	AZZZ0PCB144

19

AZZZ0PCB152

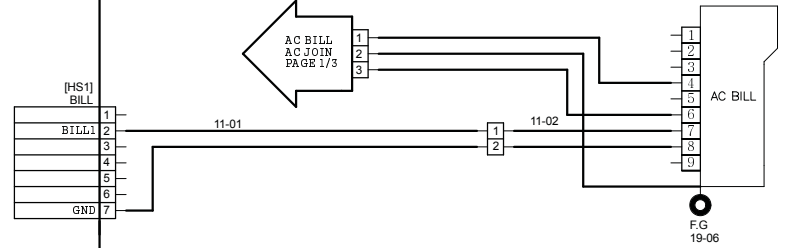
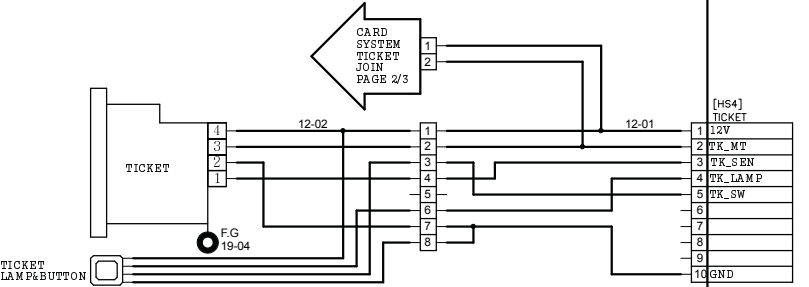
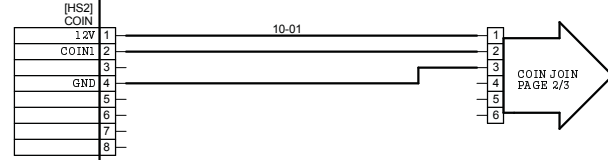
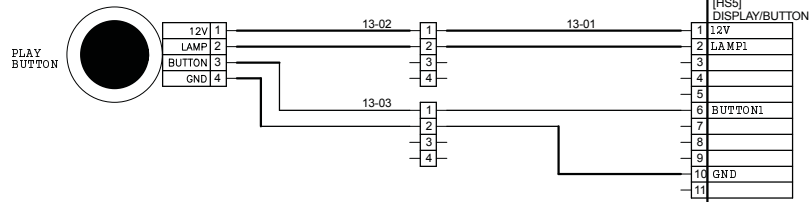


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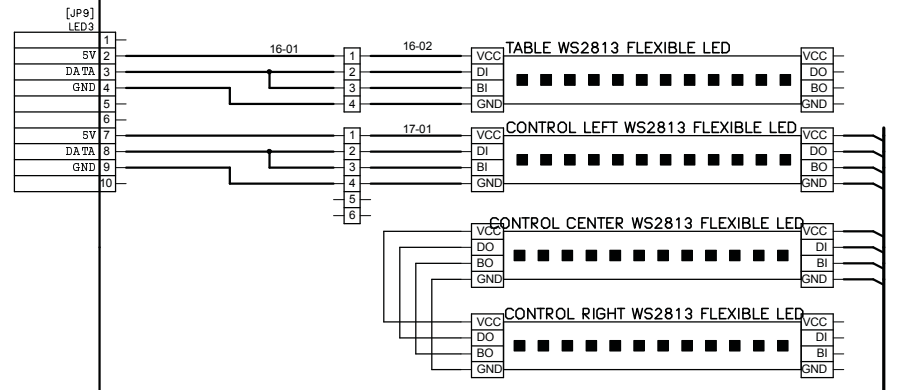
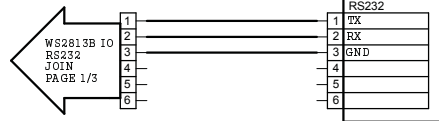
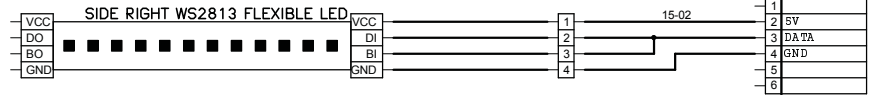
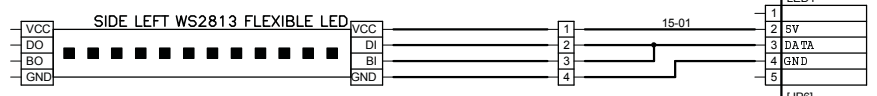
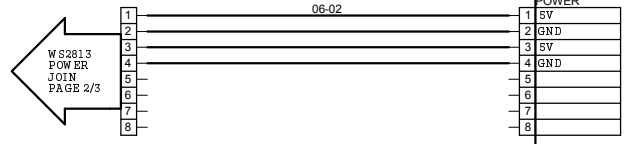
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H/W	H.W.CHOI			PAGE	1 of 3
				DATE	2018.08.06





MAIN IO 2/2



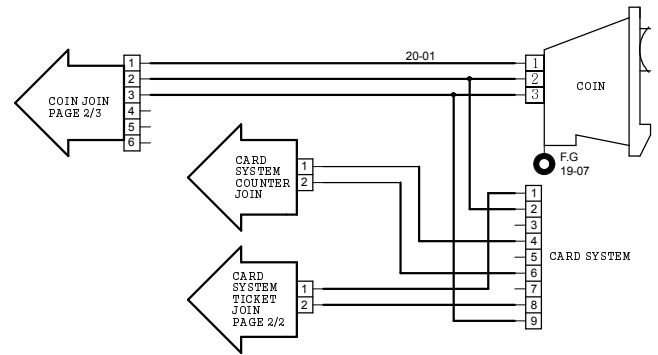
WS2813B IO

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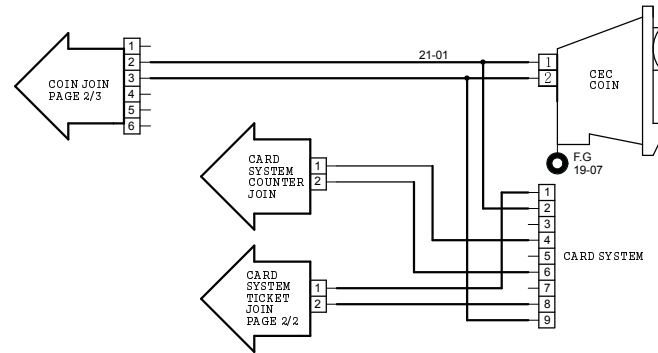
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H/W	H.W.CHOI			PAGE	2 of 3
				DATE	2018.08.06





GENERAL COIN



CEC COIN

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H/W	H.W.CHOI			PAGE	3 of 3
				DATE	2018.08.06



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.



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