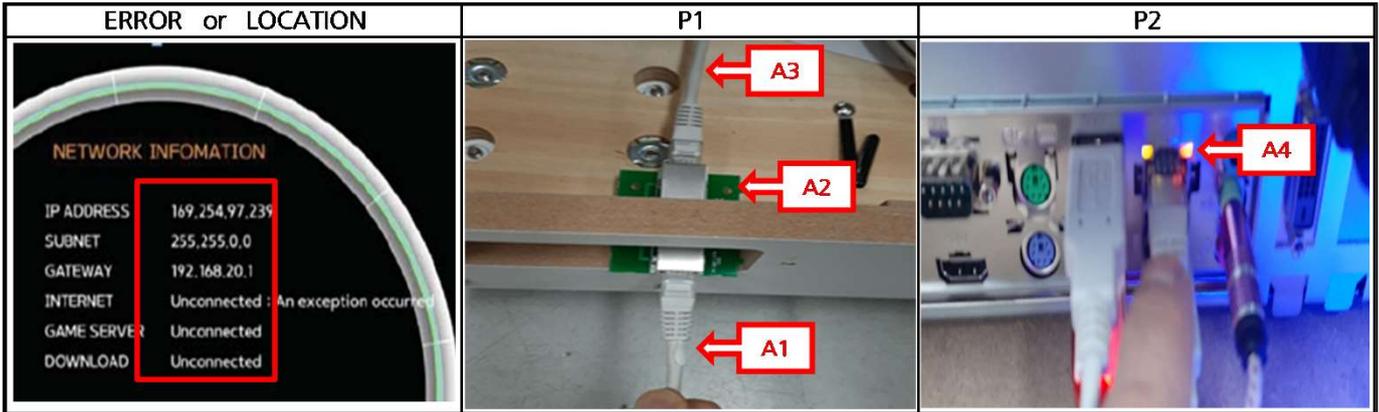


4 TROUBLE SHOOTING

4-1 When there is no internet connection

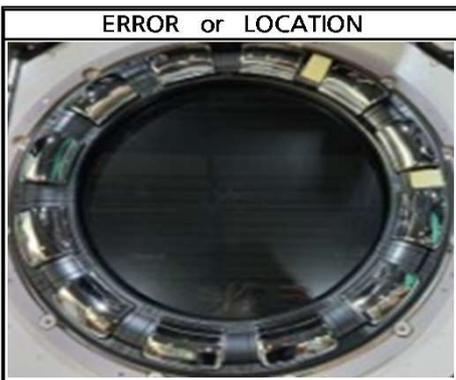


► SOLUTION

- 1 TEST : TEST MODE → NETWORK INFORMATION (VALUE CHECK)
- 2 CHECK
 - 1) A4 LED : If there is no flicker, check in the order of A3 → A2 → A1
 - 2) Check the connection status with LAN JOIN PCB and MAIN BOX connector (P1,P2)
 - 3) Check the connection status with LAN JOIN PCB (P1)
 - 4) Check the connection status with GAME CENTER INTERNET
 - 5) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
LAN JOIN PCB ASS'Y	AZZZ0PCB096	MAIN BOX ASS'Y	ACRO0ASS003
EXTRA CABLE_P27-1	MCRO0HAN086		

4-2-1 When the monitor screen does not appear

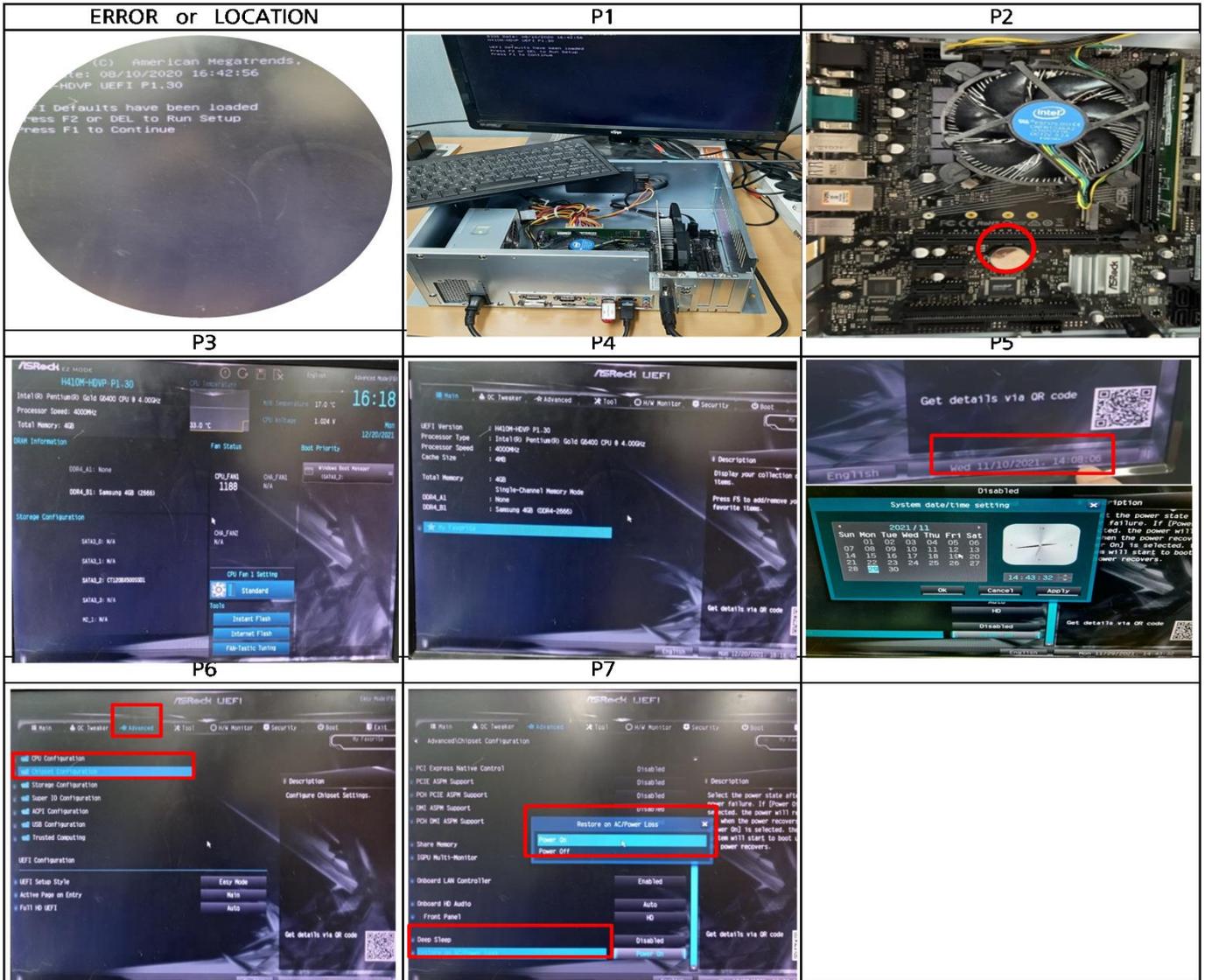


► SOLUTION

- 1 CHECK
 - 1) Check the monitor power cable connection status and reconnect
 - 2) Replace AD BOARD
 - 3) Replace 33' MONITOR

PART NAME	CODE	PART NAME	CODE
AD BOARD_33 INCH	AZZZ0MON009	33 INCH TOUCH MONITOR ASS'Y	AZZZ0000215

4-2-2 When "PRESS F1 CONTINUE" is displayed on the monitor screen



► SOLUTION

1 CHECK

- 1) Check disassembly and assembly (P1)
: Set up by connecting a separate monitor, keyboard, and power cable
- 2) Replace the battery after removing the VGA CARD (CR2032 applied) (P2)
- 3) Enter CMOS setting
- 4) Enter CMOS setup mode by pressing the DEL key when booting the MAIN BOX (P3)
- 5) Enter Advanced Mode by pressing the F6 KEY (P4)
- 6) Set today's date using TAP key, navigation key and ENTER key (P5)
- 7) Advanced Settings → Chipset Configuration → Set Restoration Mode to "POWER ON" in case of AC power loss (P6)
- 8) Select "Save Changes and Exit" in Exit Mode (P7)
- 9) Assemble the MAIN BOX to the SET and check again
- 10) Replace the MAIN BOX in case of the same symptoms

PART NAME	CODE	PART NAME	CODE
BATTERY CR2032	MELE000027	MAIN BOX ASS'Y	ACRO0ASS003

4-2-3 When "NO CABLE, NO SIGNAL" FAN is operated on the monitor screen

ERROR or LOCATION	P1	
		

► SOLUTION

- 1 TEST : Check whether the fan inside MK BOX is working (CPU , VGA , BOX FAN) (P1)
- 2 CHECK
 - 1) Remove and reconnect the RAM and check
 - 2) After removing the VGA CARD and recombining it, check the VGA CARD
 - 3) Replace VGA CARD
 - 4) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
VGA CARD 415603	MZZZ0PCB082	MAIN BOX ASS'Y	ACRO0ASS003

4-2-4 When " NO CABLE , NO SIGNAL " FAN does not work on the screen



► SOLUTION

- 1 TEST : Check whether the fan inside MK BOX is not working (CPU , VGA , BOX FAN)
- 2 CHECK
 - 1) Check disassembly and assembly (P1)
 - : Set up by connecting a separate monitor, keyboard, and power cable
 - 2) Short the two PINs in the red box (P2)
 - 3) Enter CMOS setting
 - 4) Enter CMOS setup mode by pressing the DEL key when booting the MAIN BOX (P3)
 - 5) Enter Advanced Mode by pressing F6 KEY (P4)
 - 6) Set today's date using TAP key, navigation key and ENTER key (P5)
 - 7) Advanced Settings → Chipset Configuration → Set Restoration Mode to “POWER ON” in case of AC power loss (P6)
 - 8) Select "Save Changes and Exit" in Exit Mode (P7)
 - 9) Assemble the MAIN BOX to the SET and check again
 - 10) Replace the MAIN BOX in case of the same symptoms

PART NAME	CODE	PART NAME	CODE
33 INCH TOUCH MONITOR ASS'Y	AZZZ0000215	VGA CARD 415603	MZZZ0PCB082
MAIN BOX ASS'Y	ACRO0ASS003		

4-3 When the touch screen and buttons do not work

ERROR or LOCATION	P1	
		

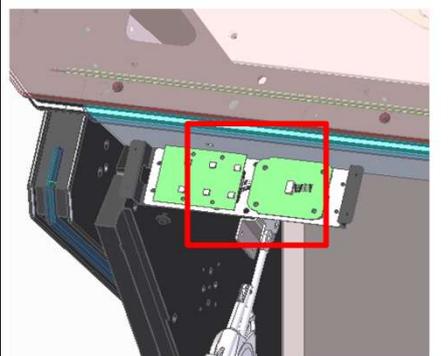
► SOLUTION

1 CHECK

- 1) Change and check the USB port connected to the MAIN BOX
- 2) Replace TOUCH PCB
- 3) Replace MONITOR
- 4) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
33 INCH TOUCH MONITOR ASS'Y	AZZZ0000215	TOUCH CONTROL PCB ASS'Y	AZZZ0MON008
MAIN BOX ASS'Y	ACRO0ASS003		

4-4 When the card reader is not recognized

ERROR or LOCATION	P1	P2
		

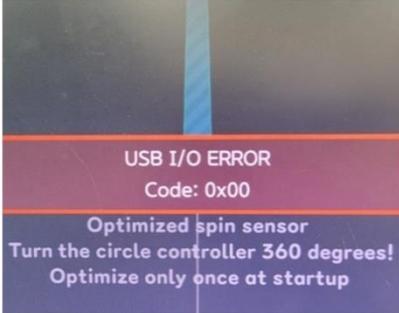
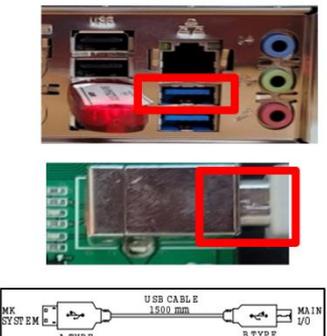
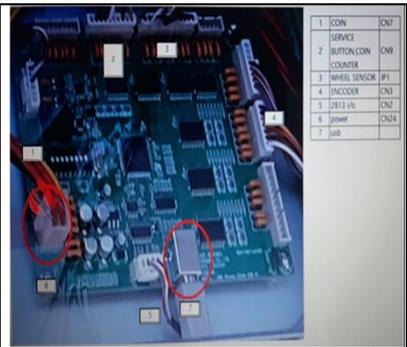
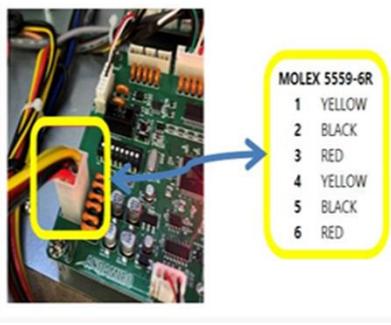
► SOLUTION

1 TEST : TEST MODE → MACHINE TEST → I/O TEST → Check if it is recognized by CARD READER TEST

2 CHECK

- 1) Reconnect after checking the USB CABLE and connector connection status (P1)
- 2) Check by changing the MAIN BOX USB PORT (P2)
- 3) Replace CARD READER PCB
- 4) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
CARD READER PCB ASS'Y	AELE0CAD002	MAIN BOX ASS'Y	ACRO0ASS003

ERROR or LOCATION	P1	P2																					
																							
P3	P4	P5																					
		<table border="1" data-bbox="1109 649 1404 952"> <thead> <tr> <th>핀</th> <th>전압</th> <th>설명</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12V</td> <td>VCC</td> </tr> <tr> <td>2</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>3</td> <td>5V</td> <td>VCC</td> </tr> <tr> <td>4</td> <td>12V</td> <td>VCC</td> </tr> <tr> <td>5</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>6</td> <td>5V</td> <td>VCC</td> </tr> </tbody> </table>	핀	전압	설명	1	12V	VCC	2	GND	GND	3	5V	VCC	4	12V	VCC	5	GND	GND	6	5V	VCC
핀	전압	설명																					
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5	GND	GND																					
6	5V	VCC																					

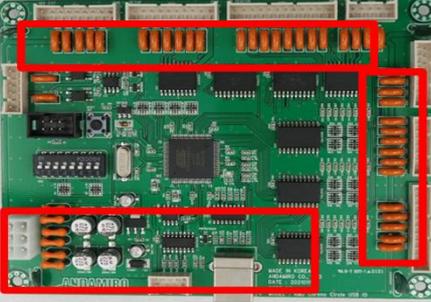
▶ SOLUTION

1 CHECK

- 1) ERROR CODE CHECK
- 2) Reconnect wiring_between USB I/O and Main box (P1)
- 3) Check by connecting another USB CABLE to PORT (P1)
- 4) Replace USB cable
- 5) USB I/O PCB → RED Flashing lights (P2)
- 6) If the LED does not flicker, measure the USB I/O power (P5)
 - 5V not output → Replace 5V SMPS
 - 12V not output → Replace 12V SMPS
- 7) (P3)Only 4 connectors 3, 4, 6, 7 are connected on the USB I/O PCB →
 - Check if an error occurs after power on → Check for errors by connecting connectors 1, 2, 5 one by one
- 8) Replace USB IO PCB
- 9) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
USB CABLE	MCRO0HAN086	SMPS (LRS-150F-5)	MELE0SMP096
SMPS (LRS-150F-12)	MELE0SMP090	USB I/O PCB ASS'Y	AELE0CAD002
MAIN BOX ASS'Y	ACRO0ASS003		

4-5-2 Wheel motion not recognized

ERROR or LOCATION	P1	P2																												
																														
<p data-bbox="339 521 371 544">P3</p>  <table border="1" data-bbox="371 555 579 880"> <thead> <tr> <th>PIN</th> <th>5559-GR</th> <th>전압</th> <th>설명</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>YELLOW</td> <td>12V</td> <td>VCC</td> </tr> <tr> <td>2</td> <td>BLACK</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>3</td> <td>RED</td> <td>5V</td> <td>VCC</td> </tr> <tr> <td>4</td> <td>YELLOW</td> <td>12V</td> <td>VCC</td> </tr> <tr> <td>5</td> <td>BLACK</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>6</td> <td>RED</td> <td>5V</td> <td>VCC</td> </tr> </tbody> </table>	PIN	5559-GR	전압	설명	1	YELLOW	12V	VCC	2	BLACK	GND	GND	3	RED	5V	VCC	4	YELLOW	12V	VCC	5	BLACK	GND	GND	6	RED	5V	VCC		
PIN	5559-GR	전압	설명																											
1	YELLOW	12V	VCC																											
2	BLACK	GND	GND																											
3	RED	5V	VCC																											
4	YELLOW	12V	VCC																											
5	BLACK	GND	GND																											
6	RED	5V	VCC																											

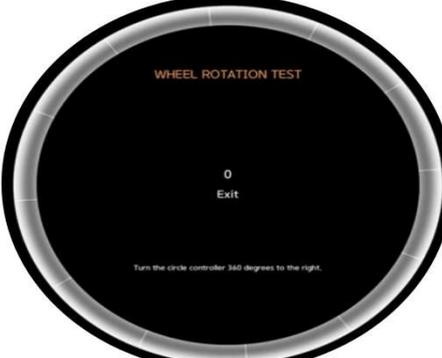
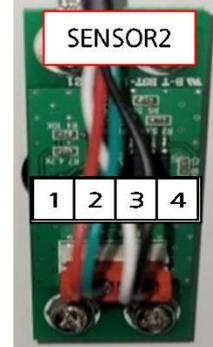
▶ SOLUTION

1 CHECK

- 1) Power off
- 2) USB I/O PCB all connector reconnector (P1)
- 3) DIP SWITCH off check : no 1~8 (P2)
After turning on the product, check if the red LED on the USB I/O PCB is blinking (P2)
- 4) USB I/O power measurement when not blinking (P3)
5V not output → Replace 5V SMPS
12V not output → Replace 12V SMPS
- 5) Replace USB IO PCB
- 6) Replace ROTARY ENCODER
- 7) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
SMPS (LRS-150F-5)	MELE0SMP096	SMPS (LRS-150F-12)	MELE0SMP090
ABSOLUTE ROTARY ENCODER ASS'Y	AELE0SEN003	USB I/O PCB ASS'Y	AELEOCAD002
MAIN BOX ASS'Y	ACRO0ASS003		

4-5-3 When the button and touch monitor area do not match when rotating the wheel

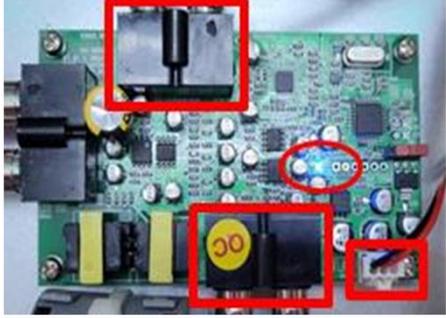
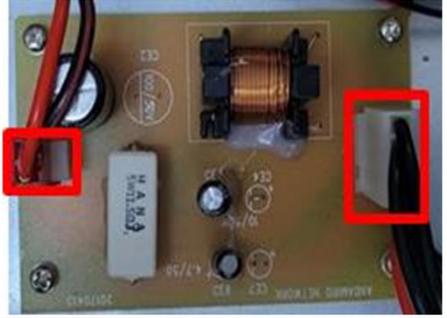
ERROR or LOCATION	P1		P2			
			PIN	5264-4P	전압	설명
			1	RED	5V	VCC
			2	GREEN	0.6V	ENABLE
			3	WHITE	3.7V	SENSING ON
					0.6V	SENSING OFF
4	BLACK	GND	GND			

▶ SOLUTION

- 1 TEST : TEST MODE → MACHINE TEST → WHEEL ROTATION TEST (Two red dots occur while rotating)
- 2 CHECK
 - 1) Reconnect after checking the connector cable connection status (P1)
 - 2) SENSOR PCB voltage measurement (P2)
 - 3) Replace SENSOR PCB
 - 4) Replace USB I/O
 - 5) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
WHEEL IR SENSOR PCB ASS'Y	ACRO0PCB002	USB I/O PCB ASS'Y	AELEOCAD002
MAIN BOX ASS'Y	ACRO0ASS003		

4-6 When there is no sound

ERROR or LOCATION	P1	P2																																																
																																																		
	<table border="1" data-bbox="596 562 823 837"> <thead> <tr> <th>PIN</th> <th>전압</th> <th>설명</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>2</td> <td>24V</td> <td>VCC</td> </tr> </tbody> </table> <table border="1" data-bbox="596 685 823 837"> <thead> <tr> <th>PIN</th> <th>전압</th> <th>설명</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>2</td> <td>24V</td> <td>VCC</td> </tr> </tbody> </table>	PIN	전압	설명	1	GND	GND	2	24V	VCC	PIN	전압	설명	1	GND	GND	2	24V	VCC	<table border="1" data-bbox="1054 551 1230 860"> <thead> <tr> <th>PIN</th> <th>전압</th> <th>설명</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>VCC</td> <td>5V</td> </tr> <tr> <td>2</td> <td>MA VOL</td> <td>2.0kΩ</td> </tr> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>TB VOL</td> <td>2.0kΩ</td> </tr> <tr> <td>6</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>WF VOL</td> <td>2.0kΩ</td> </tr> <tr> <td>9</td> <td>GND</td> <td>GND</td> </tr> </tbody> </table>	PIN	전압	설명	1	VCC	5V	2	MA VOL	2.0kΩ	3			4			5	TB VOL	2.0kΩ	6			7			8	WF VOL	2.0kΩ	9	GND	GND
PIN	전압	설명																																																
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8	WF VOL	2.0kΩ																																																
9	GND	GND																																																

▶ SOLUTION

- 1 TEST : TEST MODE → SOUND SETTINGS → DSP SETTING → After completion, proceed with the SPEAKER TEST to check the output and replace the MAIN BOX
- 2 CHECK (TOP , MIDDLE , WOOFER SPEAKER)
 - 1) MAIN BOX : Connect an earphone to the MAIN BOX FRONT SPEAKER PORT to check the audio output and replace the MAIN BOX
 - 2) DSP SOUND DVI PCB
 - : Reconnection of 5 types of wiring - Check whether the LED is on
 - PCB replacement when LED is not lit (P1)
 - 3) DIGITAL AMP 100W PCB
 - ① Reconnection of 6 types of connector → If there is no sound, replace the pcb
 - ② If LED1 is still on, reset DSP SETTING and replace the PCB (P3-yellow circle)
 - ③ If LED2 is not lit, check the power and replace the SMPS_RSP 320-24 (P3,P4)
 - ④ VOLUME PCB connector pin-specific resistance and voltage measurement (P3,P5)
 - ▶ Replace the VOLUME PCB when the resistance value is different (measure the resistance value after the power is turned off)
 - ▶ Replace DIGITAL AMP PCB if voltage value is different
 - 4) SPEAKER NETWORK PCB (P2)
 - : Reconnection of 2 types of connector → If there is no sound, replace the pcb
 - 5) TOP SPEAKER 10 W
 - : Measure resistance (TOP SPEAKER - 4 ohm) → Replace SPEAKER if measurements are different
 - 6) MIDDLE SPEAKER 40W
 - : Measure resistance (MIDDLE - 4 ohm) → Replace SPEAKER if measurements are different

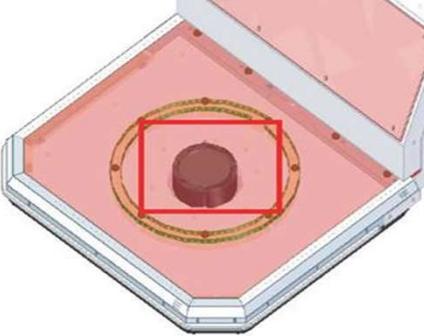
► SOLUTION

7) WOOFER SPEAKER - 8 INCH

: Measure resistance (WOFFER - 8 ohm) → Replace SPEAKER if measurements are different

PART NAME	CODE	PART NAME	CODE
MAINBOARD ASROCK	MZZZ0PCB094	MAIN BOX ASS'Y	ACRO0ASS003
DSP SOUND DVI PCB ASS'Y	APLX0PCB012	DIGITAL AMP PCB ASS'Y	APUJ0PCB002
SMPS (RSP-320-24)	MELE0SMP101	VOLUME PCB ASS'Y	APUJ0PCB005
SPEAKER NETWORK PCB ASS'Y V2	AZZZ0PCB213	SPEAKER 8 INCH	MZZZ0SPE036
SPEAKER BOX 4ohm 10W	MZZZ0SPE049	SPEAKER BOX 4ohm 40W	MZZZ0SPE048

4-7 When Shaker is not working

ERROR or LOCATION	P1	
		

► SOLUTION

1 TEST : TEST MODE → MACHINE TEST → I/O TEST Check operation 9 times after entering

2 CHECK

1) DIGITAL AMP PCB

: Reconnection of 4 types of connector → Check whether the LED is on
→ PCB replacement when LED is not lit (P1)

2) BASS SHAKER

: Measure resistance (BASE SHAKER - 4 ohm)

① Replace SHAKER if measurements are different

② SHAKER replacement when LED is not lit

PART NAME	CODE	PART NAME	CODE
MAIN BOX ASS'Y	ACRO0ASS003	DIGITAL AMP PCB ASS'Y	APUJ0PCB002
BASS SHAKER	MZZZ0SPE047		

4-8 USB DONGLE ERROR

ERROR or LOCATION		
		

► SOLUTION

1 TEST : Check with ERROR CODE that occurs after power on

2 CHECK

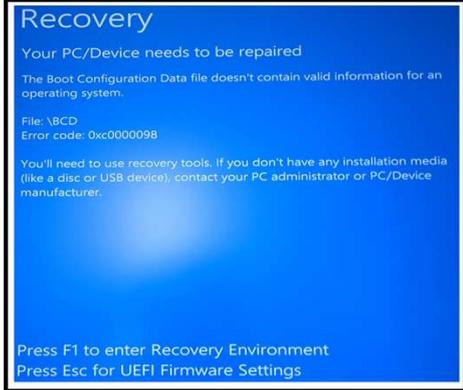
- 1) NEED TO REGISTER CODE : 0x01
: Occurs in case of unregistered USB LOCK
- 2) ABNORMAL DONGLE Code: 0x02
: Occurs in case of abnormal USB LOCK
- 3) GAME DONGLE NOT FOUND Code: 0x03
: Occurs when there is no USB LOCK
- 4) GAME CODE NOT MATCHING Code: 0x04
: Occurs when it is not a USB LOCK for CHRONO CIRCLE
- 5) GAME DONGLE WATCHING FAILED Code: 0x0d
: Occurs when the game USB LOCK check fails

3 Solutions

- 1) Reinsert USB and change USB PORT to insert
- 2) Check if SSD and USB serial number are the same and replace with SET
- 3) Replace MAIN BOX

PART NAME	CODE	PART NAME	CODE
SSD	MZZZ0MEM033	LOCK KEY (USB LOCK)	MZZZ0MEM021
MAIN BOX ASS'Y	ACRO0ASS003		

4-9 When a Windows Error Occurs

ERROR or LOCATION		
		

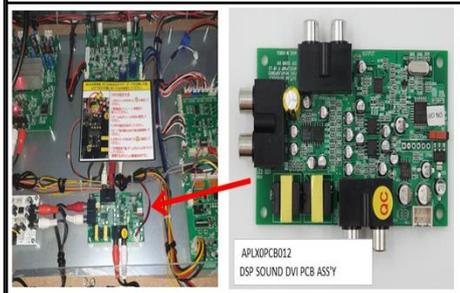
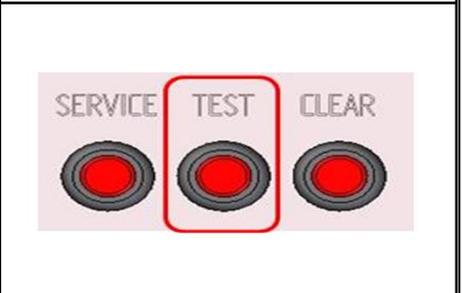
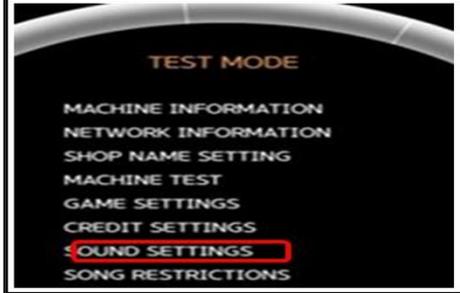
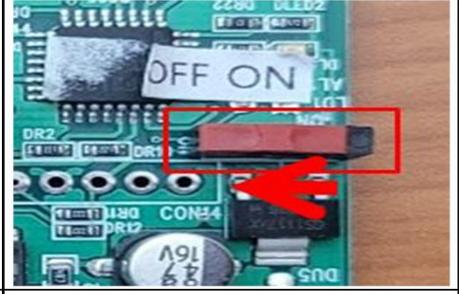
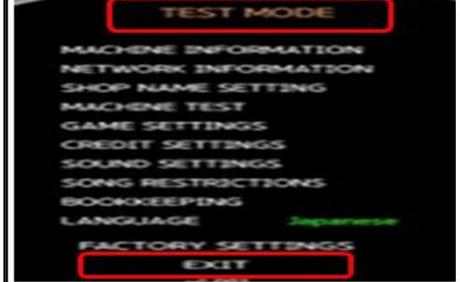
► SOLUTION

1 CHECK

1) SSD is damaged

: Send SSD and LOCK to us or our branch for exchange

PART NAME	CODE	PART NAME	CODE
SSD	MZZZ0MEM033	LOCK KEY (USB LOCK)	MZZZ0MEM021

<p>ERROR or LOCATION</p> 	<p>P1</p> 	<p>P2</p> 
<p>P3</p> 	<p>P4</p> 	<p>P5</p> 
<p>P6</p> 	<p>P7</p> 	<p>P8</p> 
<p>P9</p> 		

► SOLUTION

- 1 When setting is required
 - 1) MAIN BOX replacing
 - 2) DSP SOUND DVI PCB ASS'Y replacing
- 3) When the sound is irregular
- 2 How to set
 - 1) S/W MOVE : Move the switch to ON (P1)
 - 2) Press the button : Test mode → SOUND SETTINGS → DSP SETTING (P2,P3,P4)
 - 3) TOUCH_DSP SETTING : SET → GAME VOLUME 80, TOUCH THE PLAY (P5)
 - 4) WAIT_20 SECOND : Wait until it automatically changes to STOP (P6)
 - 5) S/W MOVE : Move the switch to OFF (P7)
 - 6) TOUCH : SOUND SETTINGS MODE → SAVE AND EXIT (P8)
 - 7) TOUCH : Test mode → EXIT (P9)