OPERATION MANUAL

VSPHOENIX S USER GUIDE

CONTENTS

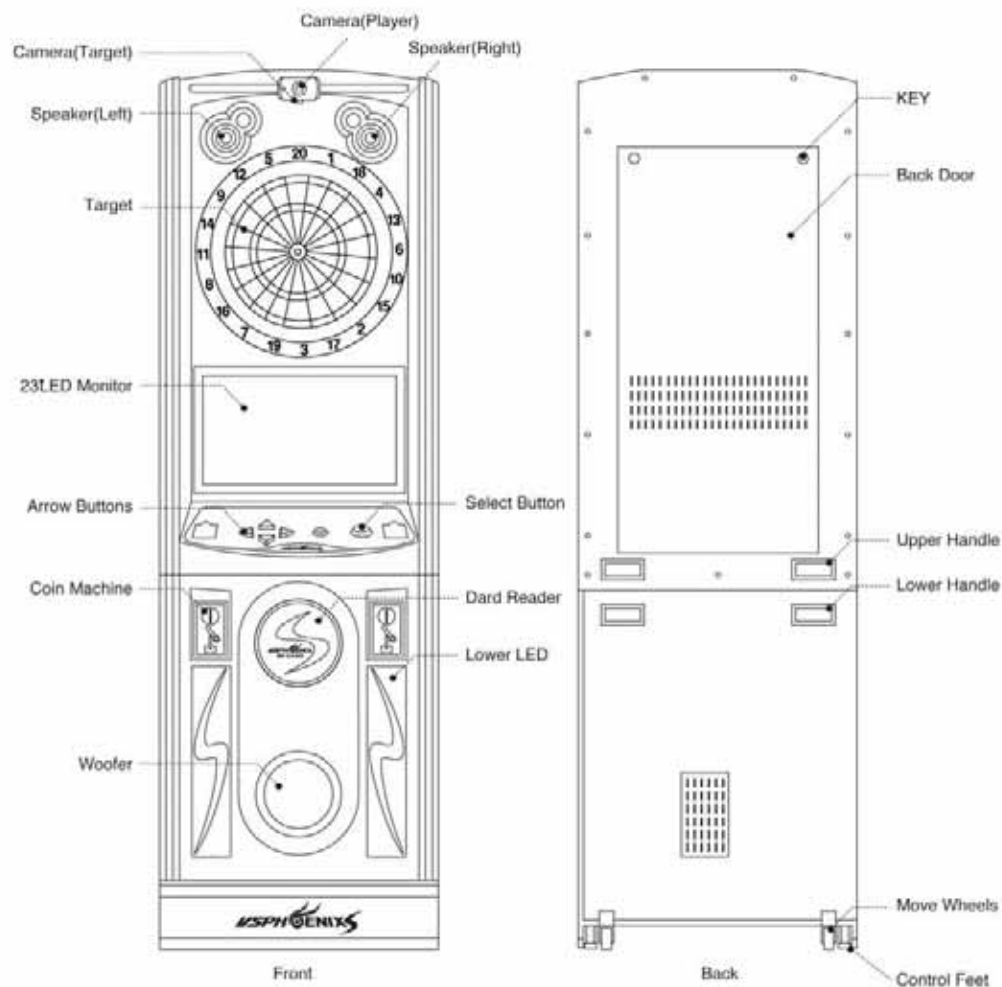# Safety Instructions

General safety instructions

1. Available voltage: AC 220V / 60Hz
2. Be careful not to bend or push the power cord.
3. Do not place the power cord in place where many passing through are allowed.
4. Unplug the power cord during a thunderstorm.
5. Do not touch any other areas except the designated area. There is risk of electric shock or short circuit.
6. The machine inspection when the electrics are charged should be done by store management administrator or technician.

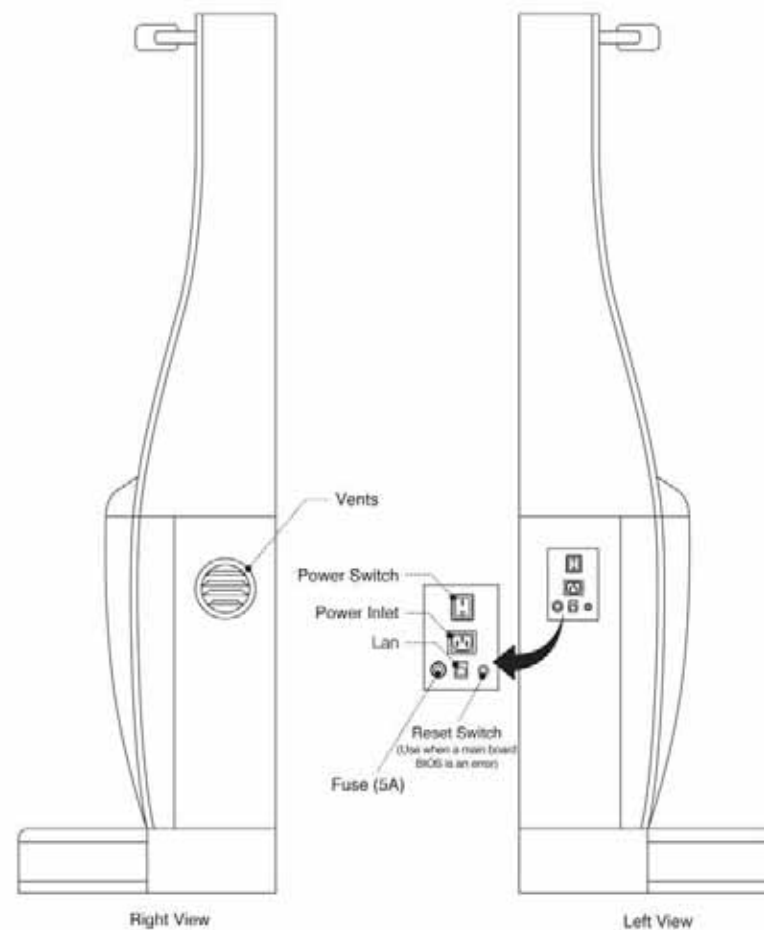## Attention before the installation

1. Installation place
   - Place the back of machine and the runway in their approximate final positioning leaving a 10 cm gap in between them for the protection against heat.
   - Avoid high temperature and moisture area.
   - Avoid the vibration and noisy area. (Make sure there is no speaker or amplifier near the machine.)
   - Choose solid and horizontal place to install for the stabilization of dart system.
   - In case of installing in other places except in the surface of the wall, the machine should be reinforced to not fall down by fixing with L bracket.
   - Make sure not to let machine touch each other when the installation place is confined.

2. To use safely,
   - The voltage of outlet should be larger than 220V.
   - If it exceeds the standard due to parallel connections or etc., it may causes fire.
   - Do not touch electrical wiring placed inside of the machine.
   - Do not alter or attempt to modify any parts of the machine in any way.
   ※ Our Company is not responsible for the damages or thunderstruck caused by customer's fault.

3. Safety instructions
   - There are high temperature and pressure areas inside the machine. Please be careful when inspecting inside of the machine.
   - Do not touch things not mentioned in the instruction.
   - Do not place any flammable agents near the machine and be aware of fire protection.

4 If any problems are occurred,
   - If the machine is not working properly, please turn off the power, remove the plug from the outlet and contact store management administrator.

5. about liability
   - Our company does not accept any temporary modification, repair and exchange to the contents that are not mentioned in the user's instructions.
   - Our company is not responsible for any accidents; thus, consumer's special attention will be needed.
   ※ A specification or design can be changed without any notices.

Name of each part of VSPHOENIX S

Camera(Player)

Camera(Target)

Speaker(Right)

Speaker(Left)

Target

12 5 20 1 18
9   4
14   13
11   6
8   10
16   15
7 19 3 17 2

23LED Monitor

Arrow Buttons

Select Button

Coin Machine

Dard Reader

Lower LED

Woofer

Front

KEY

Back Door

Upper Handle

Lower Handle

Move Wheels

Control Feet

Back

Name of each part of VSPHOENIX S

Vents

Power Switch

Power Inlet

Lan

Reset Switch
(Use when a main board
BIOS is an error)

Fuse (5A)

Right View

Left View

CONTENTS

Standard and Installation Methods

Online VS PHOENIX S

SETUP MODE

CREDIT SETUP

Other Management Methods

How to solve VS Phoenix-S problem
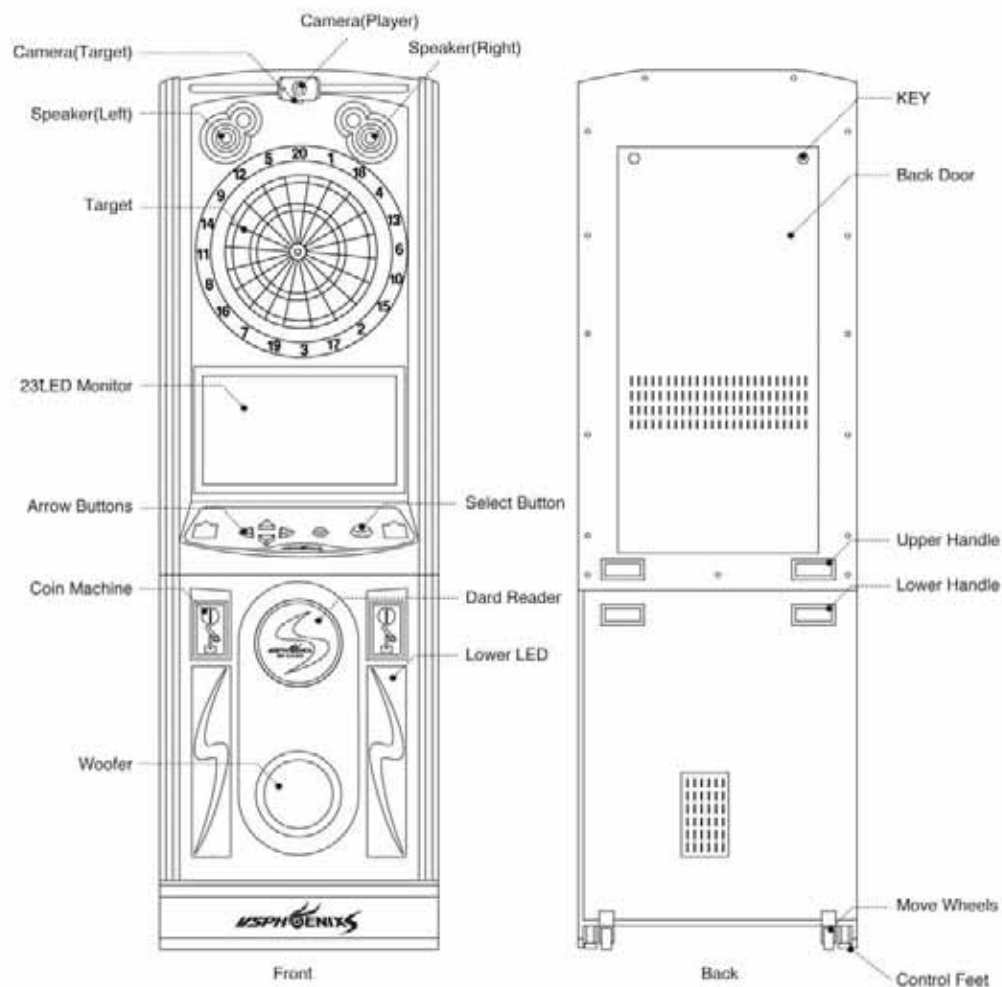
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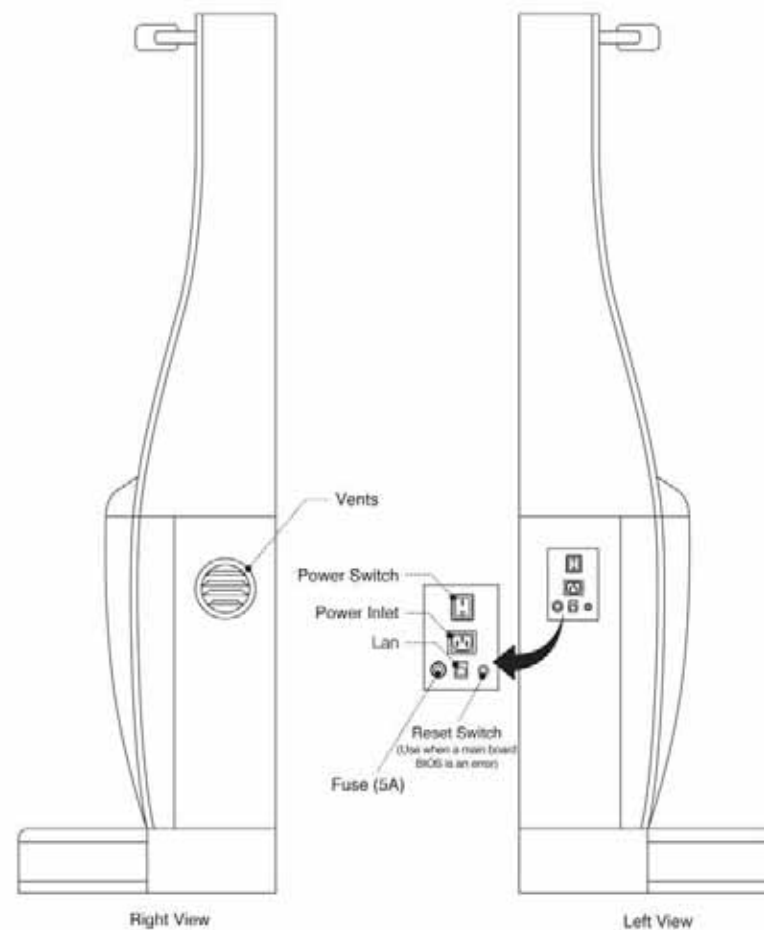## Attention before the installation

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Camera(Target)
Speaker(Right)
Speaker(Left)
Target
23LED Monitor
Arrow Buttons
Select Button
Coin Machine
Dard Reader
Lower LED
Woofer

Front

KEY
Back Door
Upper Handle
Lower Handle
Move Wheels
Control Feet

Back

Name of each part of VSPHOENIX S

Vents
Power Switch
Power Inlet
Lan
Reset Switch
(Use when a main board
BIOS is an error)
Fuse (5A)

Right View

Left View

VSPHOENIX S SIZE

<A TYPE>

<B TYPE>

2,150mm

2,470mm

700mm

600mm

700mm

VSPHOENIX-S Specification

■ A TYPE (Standard Type)

Height	2,150mm
Width	700mm
Depth	600mm(Including Foot Step)
Gross Weight	101kg
Power Consumption	165w

UPPER

Weight	
Height	

LOWER

Weight	63kg
Height	910mm
Depth	440mm(Not including Foot Step)
	600mm(Including Foot Step)

■ B TYPE (Modified Type)

Height	2,470mm
Width	700mm
Depth	600mm(Including Foot Step)
Gross Weight	110kg
Power Consumption	165w

UPPER

Weight	
Height	

LOWER

Weight	63kg
Height	910mm
Depth	440mm(Not including Foot Step)
	600mm(Including Foot Step)

Main Parts on the Lower Part

SETUP Button Cable Guide Sticker

COIN MECH

Card Reader

PC Box

Woofer Speaker

Coin Box (1 on both left and right)

COIN RAIL

<Inside of Lower Part>

<Back of Lower Part>

Main Parts of PC Box

Main Board SET

LED CONTROLL BOARD

LINE Connector Board(Black)

I/O Board(BLACK)

Camera, LED SMPS(Inner)
/ MODEL : NES - 75W /12V

Camera SMPS(Outer)
/ MODEL : NES - 50W / 24V

CAMERA Decoder(Assy)

HDD (320G)
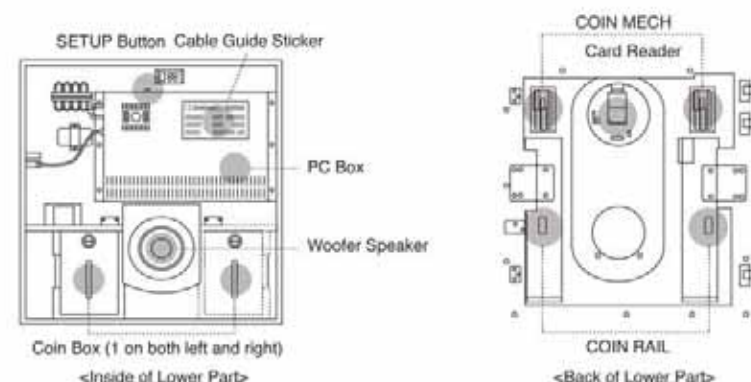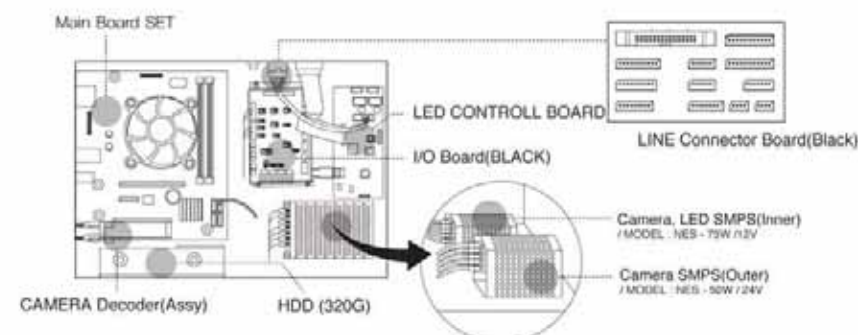
Other Parts

Hexagonal Headed Bolt : 12 ea
(Upper part connect to Lower part 4 pcs + Foot Step 8 pcs)

Master Key : 4 ea

Coin Key : 4 ea
(1ea for left and right coin box)

Power Cord : 1 ea

Wrench : 1ea

House Dart : 21ea(Including Tips)

THROW LINE : 1 ea

⚠ Notice before Installation

1. Be careful with camera and its support to avoid breakage.
2. After installation, please fix machine with machine foot.
3. Should be setup by 2 or more person for safety

A TYPE Assembly(Monitor in middle)

1 1. Assemble foot step and lower part.

2 Fasten the footboard to bottom part by using 8 of hexagonal headed bolt.

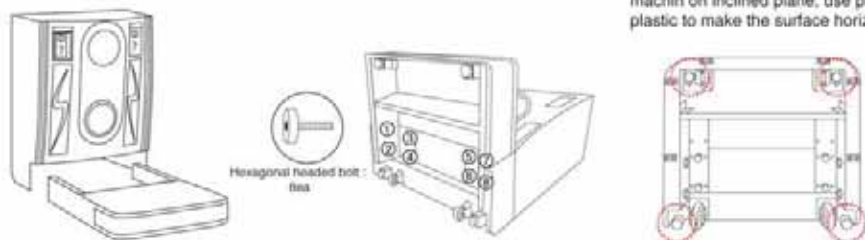Hexagonal headed bolt : 8ea

3 Make sure the 4 footsteps are horizontally on flat surface. If you have to install the machin on inclined plane, use paper or plastic to make the surface horizontal level.

3 Prepare the upper part and lower part

4 Lift up the upper part and place it on top of the lower part.
(Should be setup by 2 or more person)

5 Remove steel plate on the back.

6 Tighten Hexa Bolts by using hex wrench.

7 Connect cables according to Cable guide sticker on the PC Box.

8 Completed assembly of the machine.
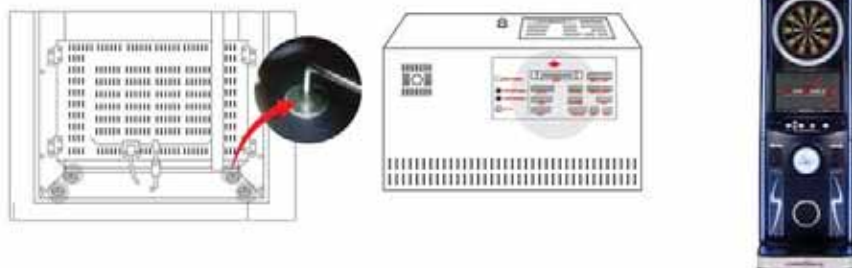
B TYPE Assembly(Monitor on top)

⚠ Should be setup by 2 or more person for safety.

Required Parts

Top Bracket 1ea / Wrench Bolts 4ea(Including Washer) / LED Monitor 1ea / Monitor Cable 3M 1ea / Wooden Pannel 1ea / AD paper 1ea / Protection Acrylic 1ea / Screw 4ea

1 Remove steel plate on the back

KEY

2 Remove wooden plate on the back
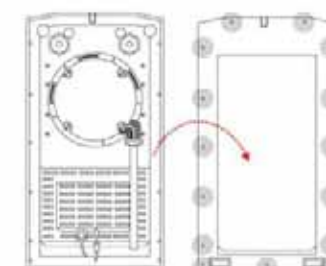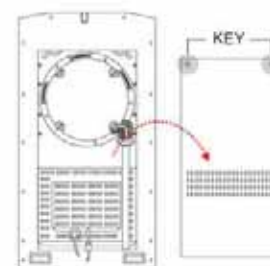
3 Disconnect Sensing PCB cables

4 Remove LED monitor
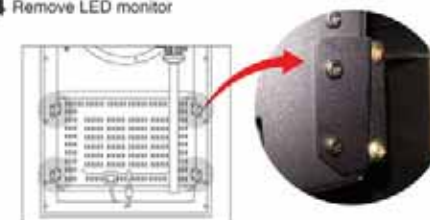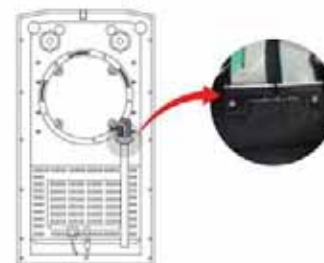
Separate LED monitor by loosening bolts of bracket

5 Attach the wooden pannel to where the monitor was placed.(Same size as LED Monitor)

6 Insert AD paper between wooden pannel and acrylic board.

<TIP> When you insert AD paper, it will be easier if you fix the bolts on the below beforehand.

7 Prepare LED monitor Bracket

Bracket A

Bracket A + Bracket B
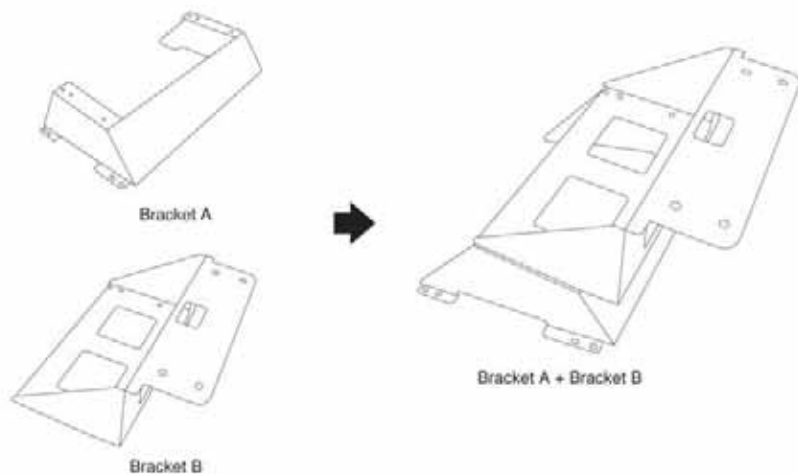
Bracket B

8 Attach monitor on bracket
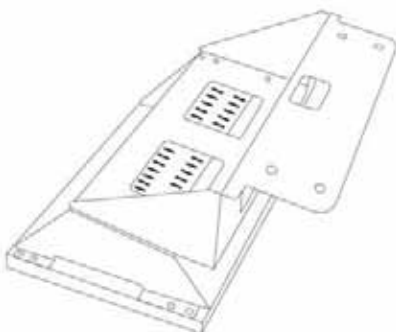
9 Change monitor cable(From 1.8m to 3m)

10 Put wooden pannel on the back
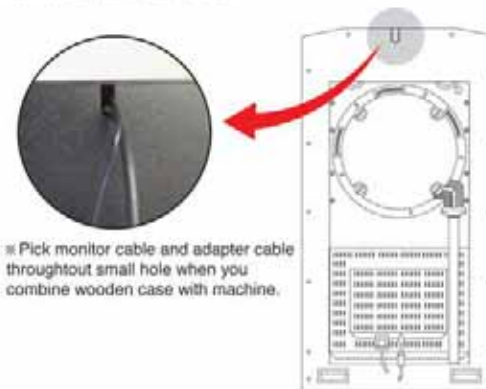
※ Pick monitor cable and adapter cable
throughtout small hole when you
combine wooden case with machine.

11 Combine monitor bracket with upper

1) Connect monitor cable to DVI. (Tighten the bolts to fix tightly.)
2) Connect monitor power cable.

※ Tighten the bolts to fix the monitor tight
before you connect the cables.

THROW LINE Distance Measurement

TARGET

BULL

2,980mm
The distance from the center of Bull to throw line

1,730mm
Height from floor to Bull center

1,886mm
Distance from edge of footboard to throw line

THROW LINE

2,430mm
Distance from a point which the prependicular from the Bull to floor, to throw line

56mm
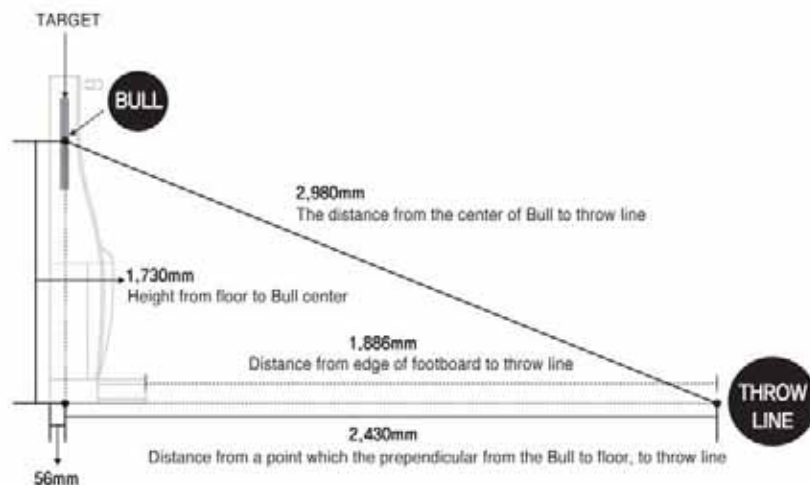
1 The diagonal distance from center of IM BULL to the starting point of throw line shoud be 2.983mm.
2 The throw line should be placed 1.970mm far away from the edge of VSPHOENIX S footboard.
3 Throw line should be perpendicular to the main body

VSPHOENIX S
BULL

1,886mm   2,430mm

THROW LINE

Mark the edge line of footboard

⚠ If you install them correctly, there will be a gap at the back of main body. Since there is a gap at the back, the main body can be dislocated as playing the game. In this case, the main body can be relocated to original place by tape or marking.

Mark the edge line

Midpoint
Start line

THROW LINE
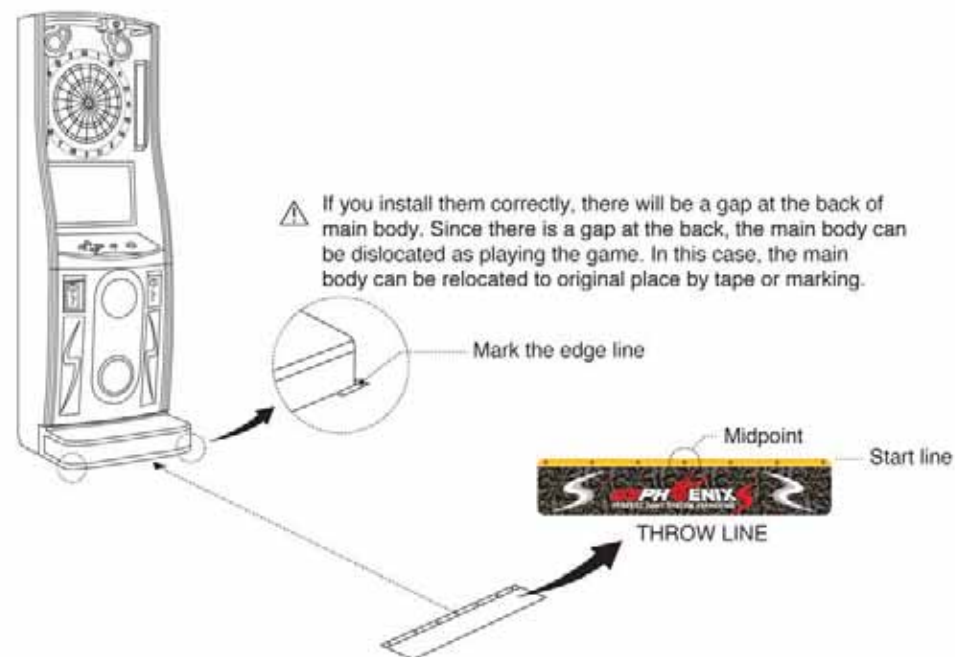
Router Connection

1. Before the installation, check if LAN cable and router is ready at the installation shop.
2. Connect LAN cable to router WAN; and after putting additional LAN orderly, connect them to VSPHOENIX S

⚠ We recommend the use of wired router to enjoy a smoth versus movie.
(VERSUS MOVIE can ne running abnormally if you use wire/wireless router.)

Internal terminal

LAN Cable

Router
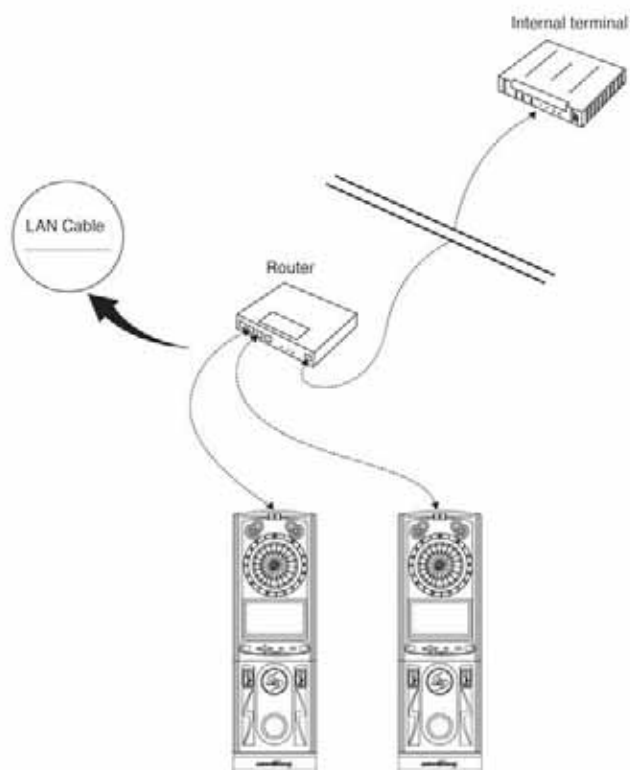
Example: VSPHOENIX S 2 units

ONLINE SET UP

MAIN SCREEN
Select the card at the game menu screen.

VS MODE
01 GAME
CRICKET
PRACTICE
FUN ZONE
i-ROBOT
LEAGUE
MATCH
CARD

Homepage

CARD
You canncheck your PHOENIX CARD information and change your nickname and home shop.

You need a PHOENIX CARD
in order to use features such as
checking and changing. Please
refer to the homepage for detailed
information of PHOENIX CARD

http://www.phoenixm1.sg
http://www.phoenixsdch.com.sg
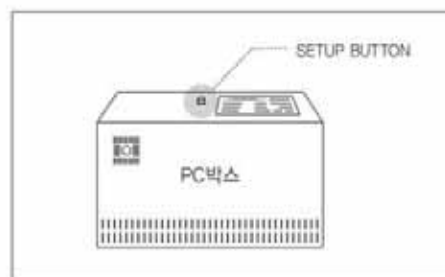
HOW TO GET INTO SET UP MENU
Open the lower part of VSPHOENIX S and press the setup button on the top of pc box.

SETUP BUTTON

PC박스

MAIN MENU - Step 1
Select the system setting at the main menu.

MAIN MENU
EASY SETUP
MENU SETTING
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
MACHINE STYLE
EXIT

Go back to previous munu

Arrow Button
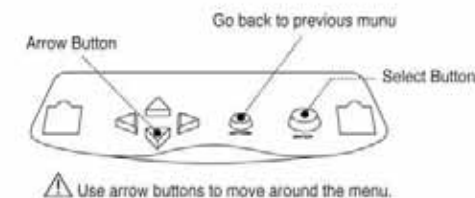
Select Button

⚠ Use arrow buttons to move around the menu.
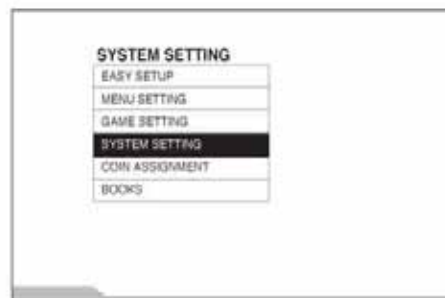
SYSTEM SETTING - Step 2
Select the system setting at the system setting screen.

SYSTEM SETTING
EASY SETUP
MENU SETTING
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS

SYSTEM SETTING

SYSTEM SETTING	
SET TIME	
SET NETWORK	
SET ADMIN CARD	
DEFAULT SETTING	
RESTART PHOENIX	

SYSTEM SETTING Step 3
Select the set network at the system setting screen.

SET NETWORK

SET NETWORK	
USE NETWORK	YES
DHCP	YES
IP ADDRESS	192.168.0.44
GATEWAY	192.168.0.1
MAC ADDRESS	00 1F D0 1A XX XX
DNS ADDRESS	WindowsDHCP

INPUT NUMBER   DART BOARD 1-8, 1900
DELE NUMBER   LEFT BUTTON
DOT ( )   BULL

SET NETWORK - Step 4
Set network

SET NETWORK

The ID Address and Gate way will be automatically set up when DHCP is in YES mode. However, if setting up manually, put DHCP in NO mode and enter the IP Address and Gate way.

SET NETWORK	
USE NETWORK	YES
DHCP	YES
IP ADDRESS	WindowsDHCP
GATEWAY	WindowsDHCP
MAC ADDRESS	00.1A.4D.57.09.D2
DNS ADDRESS	211.53.209.169

INPUT NUMBER   DART BOARD 1-8, 1900
DELE NUMBER   LEFT BUTTON
DOT ( )   BULL

Set up Use network as YES mode
This set up is for deciding whether you use an online or not. (You can change them as YES mode when you transfer the offline machine to online.)

Set up DHCP as NO mode
If you don't set up as No mode, you are not able to enter the IP Address and Gateway manually.

≡ How to enter the setting

1 → 1
BULL → .
10 → 0
2 → 2

Cancel Button

Rebooting selection-screen
If the selection screen is asking to restart, choose yes and press enter.
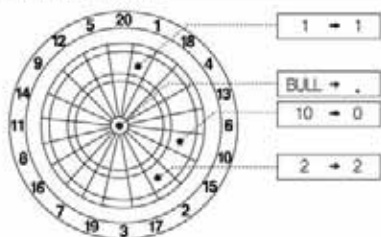
NET CONFIGURATION
The system is restarting
YES   NO

Automatic online update

GAME UPDATE

업데이트 중입니다.
전원을 절대 끄지 마세요.

As the picture on the left, the automatic online update will be installed as VSPHOENIX S is rebooted. The update may take approximately 5 to 10 minutes and you need to wait until the update is finished.

⚠ An automatic update will be installed only there is thing to update.

Rebooting is completed.
If the rebooting is completed, it will be marked as online at the right-top side. Then, select the card menu on the main menu.

VS MODE
01 GAME
CRICKET
PRACTICE
FUN ZONE
i-ROBOT
LEAGUE
MATCH
CARD

Homepage

CARD
You can check your PHOENIX CARD information and change your nickname and home shop.

Card touch screen
When a card touch screen is appeared, touch the online card to the card reader

CARD DATA

Check card touch

Your information will be shown at the card pane if a card is touched on.

If online setting is not working

If online setting is not working

Card-1 will be shown at the card nick name.

Set network FAQ

If online setting is not working, please refer to the below according to the signs.

1) When automatic update is not installing when rebooting,
→ The network may not be connected correctly. Please check the online status

2) If main screen is not showing up even the rebooting time is over,
→ Rebooting is OS reading and program update; thus, it may take approximately
5 to 10 minutes. If no changes are found even after 5 to 10 minutes,
please check the network.

3) If no response is occurred even the card touched the censor
→ The card or sensor might be defected. Please contact an administrator.

4) 4) When a card is touched on the reader; however, no response is found upon the screen and only beep sound is produced,
→ The card or sensor might be defected. Please contact an administrator.

5) 5) If card-1 is shown on your card ID on the card touch screen,
→ The network connection might be the problem. Please check the online status.

■ How to check the online
- Check if network modem and hub power are ON
- Check the LAN of modem/ hub/ phoenix for the connection of LAN cables.
- Start the online setting step again

■ If the LAN line is connected normally
Green light will be on and orange light will blink on and off below the internet connector on mainboard.

※ If these errors are continuously occurred, please contact the head company.

1. How to get into SETUP MODE by pressing Setup button on PC Box

1. Open the lower door of VSPHOENIX S with power ON.

2. If you press the SETUP button on top of the PC Box, you will get into SETUP mode.

SET UP Button

PC Box
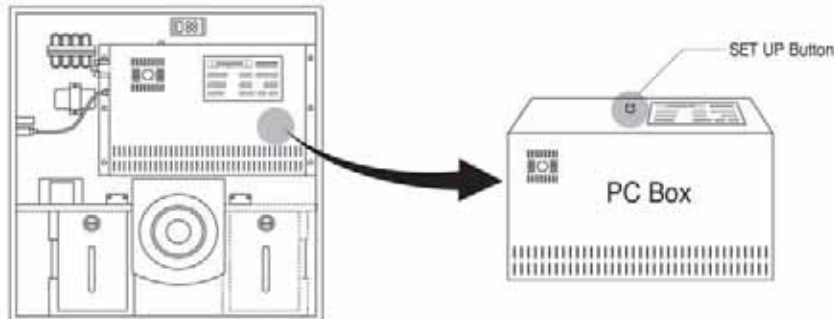
2. HOW TO SET ADMIN CARD

1. Check if the game screen of VSPHOENIX S LED monitor is the main screen.

2. Touch the ADMIN CARD at the card reder machine

VS MODE
01 GAME
CRICKET
PRACTICE
FUN ZONE
I-ROBOT

MATCH

CARD
This FUNCTION your PHOENIX CARD information and change your nickname and home shop.

⚠ If video is playing on screen, press a button to stop it.

HOW TO SET ADMIN CARD

You can enter into SETUP mode without opening top of VSPHOENIX S
There is 2 ways to do as followings.

1. OPERATOR: An operator has an authority to set up all things in setup menu including payment and setting.
2. LOCATION: Only EASY SETUP including volume, adjust and hardware test are allowed to setup.

HOW TO SET ADMIN CARD

1. Be ready to have a phoenix card can be used at the shop.
2. Open the VSPHOENIX S lower door. Press the setup button on top of the PC Box and enter into the main menu.
3. Select SYSTEM SETTING.
4. Select the SET ADMIN CARD at the system setting.
5. Select the set of OPERATOR (or LOCATION) and touch the phoenix card you previously have prepared.
6. When a card data at the right side is shown, select the SET and press the red button.

SET UP MODE CONTROL

MAIN MENU

EASY SETUP
MENU SETTING
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
MACHINE STYLE
EXIT

You can use arrow buttons to set the menu.

Up
Left   Right
Down
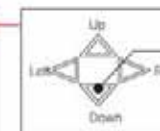
1. Arrow Buttons
Use the arrow keys to navigate the menu.

2. ENTER Button

※ Use the Arrow Buttons to navigate the menu. And select menu by pressing Enter Button. After selection, press Cancel Button to exit the menu.

※ To go to GAME screen from SETUP MODE, press Option button.

3. OPTION Button(Also as Cancellation Button)
It works as EXIT button.

SETUP MODE Screen Setting-1

SETUP MODE MAIN MENU

MAIN MENU

EASY SETUP
MENU SETTING
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
MACHINE STYLE
EXIT

SETUP MODE DETAILED MENU

EASY SETUP

INTRO MOVIE SOUND	OFF
SOUND TEST	0
MOVIE TEST	0
LOCAL RANK CLEAR	01 GAME
PLAYER CHANGE TIME(SEC)	DEFAULT
REMOVE DART TIME(SEC)	2.0
MAIN LIGHT SETTING	0
LED LIGHT SETTING	0
01 TARGET TYPE	1
CRICKET TARGET TYPE	1

MENU SETTING

VS MODE	+	ONLINE	ENABLE
BEGINNER	+	REVOLUTION	DISABLE
01 GAME	+		
CRICKET	+		
PRACTICE	+		
FUNZONE	+		
LEAGUE			
PERFECT	+		
MATCH	+		
CARD			

GAME SETTING

01 GAME
01 GAME
CRICKET
PRACTICE
FUN ZONE
BEGINNER
ETC

COIN ASSIGNMENT

HAPPY HOUR SETTING
OPTIONS

SYSTEM SETTING

SET TIME
SET NETWORK
SET ADMIN CARD
DEFAULT SETTING
RESTART PHOENIX

1. EASY SETUP : You can set up sound setting, hardware test and volume camera LED.
   (You can access to easy setup also with location card.)

2. MENU SETTING : You can check whole menus and under menus whether they are running or not.

3. GAME SETTING: You can set detailed contents of each game.

4. SYSTEM SETTING : You can setup the important setting of machine.

5. COIN ASSIGNMENT: You can set coin / credit.
   A. Coin setting
   B. Happy hour setting
   C. Option setting

SETUP MODE Screen Setting-2

SETUP MODE MAIN MENU

MAIN MENU

EASY SETUP
MENU SETTING
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
MACHINE STYLE
EXIT

SETUP MODE DETAILED MENU

BOOKS

BOOKS DISPLAY
CASH SETTLEMENT SETUP
CASH SETTLEMENT COLLECTION

EVENT VIEWER

VIEW EVENT LOG
DELETE LOG FILE

MACHINE STYLE SETTING

MENU STYLE	PHOENIX
REVOLUTION	1ST STAGE

6. BOOKS : You can check coin and game date

A. BY EARNING : Add up the coin date in applicable period

B. BY TIME & DATE : Record the coin date according to date and day

C. BY GAMES : Record the coin date of each game

7. EVENT LOG : You can check error history.

8. EXIT : Go back to the demo screen from SETUP MAIN MENU

9. MACHINE STYLE : You can set main menu styles for whole machine. You can set it as a Normal Machine or a Perfect Machine.

Explaining EASY SETUP screen

EASY SETUP Menu

EASY SETUP

INTRO MOVIE SOUND	OFF
SOUND TEST	0
MOVIE TEST	0
LOCAL RANK CLEAR	01 GAME
PLAYER CHANGE TIME(SEC)	DEFAULT
REMOVE DART TIME(SEC)	2.0
MAIN LIGHT SETTING	0
LED LIGHT SETTING	0
01 TARGET TYPE	1
CRICKET TARGET TYPE	1

1. INTRO MOVIE SOUND : You can set an intro movie sound.
   A. If you set this "ON", it will make a sound when intro movie is playing.
   B. If you set this "OFF" it will not make a sound when intro movie is playing.

2. SOUND TEST : You can check all sound types that are playing at the VSPHOENIX S. Using a left/right button, select the sound effect; and play that sound by pressing enter button.

3. MOVIE TEST : You can watch all videos that are playing at the VSPHOENIX S.

4. LOCAL RANK CLEAR : Delete the game ranking you have selected.

5. PLAYER CHANGE TIME(SEC) : Set up the player replacement time.c

6. REMOVE DARTS TIME(SEC) : You can set the time of preparing darts.

7. MAIN LIGHT SETTING : You can adjust brightness of LED lights. Higher number is brighter. (Between : 30~100)

8. LED LIGHT SETTING : You can adjust brightness of LED lights on the sides. Higher number is brighter. (Between : 1~ 10)

9. 01 TARGET TYPE : You can designate the style of number light from type 1 or 2.

10. CRICKET TARGET TYPE : You can designate the style of number light from type 1~4.

Explaining MENU SETTING screen

MENU SETTING

VS MODE	+	ENABLE
BEGINNER	+	ENABLE
01 GAME	+	ENABLE
CRICKET	+	ENABLE
PRACTICE	+	ENABLE
FUNZONE	+	ENABLE
LEAGUE		DISABLE
PERFECT	+	ENABLE
MATCH	+	ENABLE
CARD		ENABLE

1. You can select menu by using up/down buttons and make it enable or disable by using left / right buttons.

MENU SETTING

VS MODE	+	ONLINE	ENABLE
BEGINNER	+	REVOLUTION	DISABLE
01 GAME	+		
CRICKET	+		
PRACTICE	+		
FUNZONE	+		
LEAGUE			
PERFECT	+		
MATCH	+		
CARD			

2. If press Select Button on VS MODE, you will see the screen on left.
   ※ REVOLUTION is possible to choose only when tournament period.

GAME SETTING Screen Explanation

GAME SETTING MENU

GAME SETTING

①	01 GAME
②	CRICKET
③	PRACTICE
④	FUN ZONE
⑤	BEGINNER
⑥	INOKI
⑦	ETC

④ **FUN ZONE**

GOLD HUNTING
KUNITORI
3 IN LINE
JUMP UP
HYPER JUMP UP
BOXER
CARNIVAL

① **01 GAME**

301 GAME
501 GAME
701 GAME
901 GAME
1101 GAME
1501 GAME

⑤ **BEGINNER**

COUNT UP LIGHT	ENABLE
CRICKET LIGHT	ENABLE
3 IN LINE LIGHT	ENABLE
TEKICHU	ENABLE

② **CRICKET**

STANDARD CR.
CUT - THROAT CR.
RANDOM CR.
PICK THROAT CR.
HIDDEN CR.

⑥ **INOKI**

INOKI CHANCE

③ **PRACTICE**

COUNT - UP
CR COUNT UP
BULL SHOOT
HALF - IT
VS ARCHERY
OVER

⑦ **ETC**

ONLINE VS CREDIT(S)	1
FREE ROBOT CREDIT	YES
GOLD BATTLE	ENABLE

SYSTEM SETTING Screen Explanation 2

GAME SETTING ▶ 301 GAME

301 GAME

CREDIT(S)	1
HAPPY HOUR CREDIT(S)	1
ROUND LIMIT	1
BULLS EYE	25/50
BUST LIMIT	NO
ROUND EXTEND COIN	NO
ROUND EXTEND ROUND	NO

※ The settings of the other games are same as 301 GAME.

1. CREDIT(S) : You can set up the number of credit per one game.

2. HAPPY HOUR CREDIT(S) : You can set up the happy hour credit.
   ※ It changes to set up credit on happy hour.

3. ROUND LIMIT : You can set up the number of round.

4. BULLS EYE : You can set up the bull (single and double) score. (25/50, 50/50)

5. BUST LIMIT : If you select the number of bust and the designated number of bust are came up during the game, that game will be Busted.
   Example : When 3 players are playing a game and setting bust limit as 3, the player who bust 3 times is not able to throw the darts any more.
   ※ BUST LIMIT MENU applies only on 01 GAME.

6. ROUND EXTEND COIN : Current Service is not available.

7. ROUND EXTEND ROUND : Current Service is not available.

SYSTEM SETTING Screen Explanation - 1

SYSTEM SETTING MENU

SYSTEM SETTING

① SET TIME
② SET NETWORK
③ SET ADMIN CARD
④ DEFAULT SETTING
⑤ RESTART PHOENIX

④ SYSTEM SETTING

SET TIME

CONFIG INITALIZE

SYSTEM INITIALIZATION

YES   NO

① SET TIME

20XX - XX - XX_15.27.00

YEAR	2011
MONTH	1
DAY	28
HOUR	15
MIN	27

⑤

VSPHOENIX S
PERFECT DART SYSTEM VSPHOENIX

RESTART

② SET NETWORK

USE NETWORK	YES
DHCP	YES
IP ADDRESS	192.168.2.44
GATEWAY	192.168.2.1
MAC ADDRESS	00:1F:D0:1A:XX:XX
DNS ADDRESS	WindowsDHCP
GAME SERVER	211.42.105.203
GAME PORT	5042

INPUT NUMBER   DART BOARD 1-9 1003
SOLE NUMBER   LEFT BUTTON
INPUT   BULL

③ SET ADMIN CARD

OPERATOR

CARD

SET
CLEAR

LOCATION

CARD

SET
CLEAR

SYSTEM SETTING Screen Explanation - 2

SYSTEM SETTING MENU

SET TIME

YEAR	2011
MONTH	1
DAY	30
HOUR	15
MIN	27

SET TIME

You can set up and change the date and time.

SET NETWORK

USE NETWORK	YES
DHCP	YES
IP ADDRESS	
GATEWAY	
MAC ADDRESS	
DNS ADDRESS	Windows DHCP
GAME SERVER	211.63.108.205
GAME PORT	5042

SET NETWORK

You can set up the network. The IP address and Gateway will be automatically given when connecting the router.

SET ADMIN CARD

CARD — SET / CLEAR

CARD — SET / CLEAR

SET ADMIN CARD

1. Top operator has an authority to set up all in the main menu.
2. Below location can set up only EASY SETUP

DEFAULT SETTING

CONFIG INITALIZE

System Initialization

YES   NO

DEFAULT SETTING

System Initialization

SYSTEM SETTING

SET TIME
SET NETWORK
SET ADMIN CARD
DEFAULT SETTING
RESTART PHOENIX

RESTART PHOENIX

Restart VSPHOENIX S

COIN ASSIGNMENT Screen Explanation

COIN ASSIGNMENT MENU

COIN ASSIGNMENT

HAPPY HOUR SETTING
OPTIONS

COIN ASSIGNMENT SETTING

You can set up happy hour setting and option.

COIN ASSIGNMENT ▶ HAPPY HOUR

HAPPY HOUR SETTING

HOUR	SUN	MON	TUE	WED	THU	FRI	SAT
0	HAPPY	—	—	—	—	—	—
1	HAPPY	—	—	—	—	—	—
2	HAPPY	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—

HAPPY HOUR SETUP

You can set up the time for happy hour.
The coin setting at the happy hour can be setting up at the setting screen of each game.
The setting screen is composed of day and time.
If you move a cursor to
changed time and press the select button, you can designate as following.

► — : Normal payment
► HAPPY : Set happy hour

COIN ASSIGNMENT ▶ OPTIONS

OPTIONS

FREE PLAY	NO
FREE CREDITS	0

CLEAR CREDITS

COIN	1
CREDITS	1
BILL	1
CREDITS	2

OPTIONS

You can set up the option related to coin.

1. FREE PLAY : You can set up the FREEPLAY.
2. FREE CREDITS : You can add free credit (1 to 12).
3. CLEAR CREDITS : You can remove the credit remaining at current game machine.
4. COIN / CREDITS : You can set up the number of credit according to the inserted coin (you can set up 1 to 3).

BOOKS Screen Explanation - 1

BOOKS MENU SCREEN

BOOKS DISPLAY
① BOOK DISPLAY
② CASH SETTLEMENT SETUP
③ CASH SETTLEMENT COLLECTION

(1-1) SORTED BY EARNING

FROM : 20XX/XX/XX   TO : 20XX/XX/XX

COIN	CURRENT	LIFETIME
TOTAL	2315	2316

TYPE	CREDIT	GAME
NORMAL	2371	737
FREE	12	3
FREE PLAY	289	175
TOTAL	2952	915

TYPE	CREDIT
VSO	77
ROBOT	43
MATCH	799
LEAGUE	2
STARTS	17

① BOOKS DISPLAY
SORTED BY EARNING
SORTED BY TIME AND DATE
SORTED BY GAMES

(1-2) SORTED BY TIME AND DATE

FROM : 20XX/XX/XX   TO : 20XX/XX/XX

ALL DAYS	TIME	CREDIT	%	TIME	CREDIT	%
SUNDAY	00:00~	0	0	00:00~	0	0
MONDAY	01:00~	0	0	01:00~	0	0
TUESDAY	02:00~	0	0	02:00~	0	0
WEDNESDAY	03:00~	0	0	03:00~	0	0
THURSDAY	04:00~	0	0	04:00~	0	0
FRIDAY	05:00~	0	0	05:00~	0	0
SATURDAY	06:00~	0	0	06:00~	0	0
	07:00~	0	0	07:00~	0	0

② CASH SETTLEMENT SETUP

FROM : 20XX/08/YE   TO : 20XX/XX/XX

SERVICE	ONLINE	UPDATE	A/S
FEE	0	0	0
REVENUE	AFTER	AFTER	AFTER
LOCATION'S SPLIT(%)			0

(1-3) SORTED BY GAMES

GAME NAME					
NORMAL CREDIT					
FREE CREDIT					
TOTAL CREDIT					
GAME COUNT					

FROM : 20XX/XX/XX
TO : 20XX/XX/XX

③ CASH SETTLEMENT COLLECTION

SUMMER COIN CURRENT COLLECTION
FROM 20XX/08/20 TO 2011/01/00
163 DAYS
TOTAL REVENUE : 221900
- FEES BEFORE SPLIT : 0
BALANCE TO SPLIT : 221900
LOCATION COMMISION : 0
- FEES AFTER SPLIT : 0
LOCATION REVENUE : 0
OPERATOR REVENUE : 221900
CLEAR / COMPLETE COLLECTION

BOOKS Screen Explanation - 2

BOOKS DISPLAY MENU SCREEN

BOOKS DISPLAY
① SORTED BY EARNING
② SORTED BY TIME AND DATE
③ SORTED BY GAMES

① SORTED BY EARNING

FROM : 20XX/XX/XX   TO : 20XX/XX/XX

COIN	CURRENT	LIFETIME
TOTAL	0	0

TYPE	CREDIT	GAME
NORMAL	0	0
FREE	0	0
FREE PLAY	0	0
TOTAL	0	0

TYPE	CREDIT
VSO	0
ROBOT	0
MATCH	0
LEAGUE	0
STARTS	0

SORTED BY EARNING

You can check the number of credit and coin in certain period.

1. CURRENT : You can check the number of coin in relevant period.
2. LIFE TIME : You can check total number of coin from the date started to use up to now.

② SORTED BY TIME AND DATE

FROM : 20XX/XX/XX   TO : 20XX/XX/XX

ALL DAYS	TIME	CREDIT	%	TIME	CREDIT	%
SUNDAY	00:00~	0	0	00:00~	0	0
MONDAY	01:00~	0	0	01:00~	0	0
TUESDAY	02:00~	0	0	02:00~	0	0
WEDNESDAY	03:00~	0	0	03:00~	0	0
THURSDAY	04:00~	0	0	04:00~	0	0
FRIDAY	05:00~	0	0	05:00~	0	0
SATURDAY	06:00~	0	0	06:00~	0	0
	07:00~	0	0	07:00~	0	0

SORTED BY TIME & DATE

You can check the number of coin by time and day.

③ SORTED BY GAMES

GAME NAME					
NORMAL CREDIT					
FREE CREDIT					
TOTAL CREDIT					
GAME COUNT					

FROM : 20XX/XX/XX
TO : 20XX/XX/XX

SORTED BY GAMES

You can check the number of coin in each game.

BOOKS Screen Explanation - 3

BOOKS CASH SETTLEMENT SCREEN

BOOKS DISPLAY

BOOK DISPLAY
CASH SETTLEMENT SETUP
CASH SETTLEMENT COLLECTION

CASH SETTLEMENT SETUP

FROM : 20XX/XX/XX   TO 20XX/XX/XX

SERVICE	ONLINE	UPDATE	A/S
FEE	0	0	0
REVENUE	AFTER	AFTER	AFTER
LOCATION(%) SPLIT(%)			0

CASH SETTLEMENT SETUP

This feature will automatically calculate the online, A/S and update costs, and coin profit distribution.

If you change the setting here, You can check your calculation result at the CASH SETTLEMENT COLLECTION menu.

BOOKS CASH SETTLEMENT COLLECTION SCREEN

BOOKS DISPLAY

BOOK DISPLAY
CASH SETTLEMENT SETUP
CASH SETTLEMENT COLLECTION

CASH SETTLEMENT COLLECTION

SUMMARY FOR CURRENT COLLECTION
FROM 2010/08/30 TO 2014/01/20
182 DAYS
TOTAL REVENUE : 221890
-FEES BEFORE SPLIT : 0
BALANCE TO SPLIT : 221890
LOCATION COMMISION : 0
-FEES AFTER SPLIT : 0
LOCATION REVENUE : 0
OPERATOR REVENUE : 221890

CLEAR / COMPLETE COLLECTION

CASH SETTLEMENT COLLECTION

The profit distribution is automatically calculated in this screen.

If you enter whatever the price at the CASH SETTLEMENT SETUP, the calculation results will be shown automatically. You can delete the data after the coin calculation by date unit.

EVENT VIEWER SETUP

EVENT VIEWER SCREEN

EVENT VIEWER

VIEW EVENT LOG
DELETE LOG FILE

EVENT VIEWER

You can view a LOG data.

1. VIEW EVENT LOG : You can check the hardware and error status.
2. DELETE LOG FILE : You can delete a LOG file.

VIEW EVENT LOG

Page [1/10]

MACHINE STYLE SCREEN EXPLANATION

MACHINE STYLE SETTING

MENU STYLE	PHOENIX
REVOLUTION	1st

MACHINE STYLE SETTING

You can setup whole style of VSPHOENIX S MENU

1. MENU STYLE : You can setup Normal Mode / Perfect Mode / Revolution Final Mode.
2. REVOLUTION : You can setup each 1st / 2nd / 3rd Stage.

MACHINE STYLE SETTING

MENU STYLE	PERFECT
REVOLUTION	1st

MACHINE STYLE SETTING

MENU STYLE	REVOLUTION
REVOLUTION	THE FINAL

HOW TO SETUP CREDIT

Coin Machine Setting

Open the door at the lower of VSPHOENIX S and insert the coin (500won) into the coin selector.

⚠ If you use coins on bad condition, the machines will not response properly.

Setup the number of credit per each game

1. Select the GAME SETTING at the SETUP MODE main menu.
2. Set up the number of credit per one game of each game.

MAIN MENU

EASY SETUP
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
EXIT

IP Address :
Server :

HAPPY HOUR SETTING

1. Select the COIN ASSIGNMENT at the SETUP MODE main menu
2. Select the HAPPY HOUR SETTING.
3. Setup the date and time.

MAIN MENU

EASY SETUP
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
EXIT

IP Address :
Server :

What is HAPPY HOUR?

This feature is to operate the game at the shop in designated date and time with additional fee.

1) Select the GAME SETTING at the main menu of SETUP MODE and set up the number of credit per one game of each game.
2) Set up YEAR / MONTH / DAY / HOUR / MIN at Set time of SYSTEM SETTING.

❉ Happy hour will be automatically applied according to the time setting.

⚠ If the date and time of system is wrong, HAPPY HOUR setting will be also wrong.
   Therefore, please setup the correct date and time on SET TIME of SYSTEM SETTING MENU.

PAYMENT SETTING - FREE PLAY

MAIN MENU

EASY SETUP
GAME SETTING
SYSTEM SETTING
COIN ASSIGNMENT
BOOKS
EVENT LOG
EXIT

IP Address :
Server :

FREE PLAY SETUP

Select the COIN ASSIGNMENT.

OPTIONS

FREE PLAY	YES
FREE CREDITS	0
	CLEAR CREDITS

COIN	CREDIT
500 WON	1

OPTION SETUP

Set up FREE PLAY as YES mode at the OPTION.

❉ If you set up as above, the Credit in the left side of main menu will be changed to free play.

Segment Manage,emt Methods

1. The tip being stuck on the segment will be expanded as time goes by. As the tips are expanding, the segment also will be expanded. The expanded segment can be stuck on the spider (frame) and this may cause an error.

2. If above situation continues, the response of segment will be worse and the dart will be hard to remove. Also, the expanded segment due to the remaining and broken tips will make the hole near the plugged area smaller. Thus, throwing darts cannot be sticking.

3. In results, an athletic performance of player will be lowered since the points without regard to the throwing toward whatever the target, will be reflected.

⚠ The segment influences the dart game to the most. Since the condition of segment, whether it's good or bad effects the players' satisfactions and their images, you need to do manage the daily and inspection regularly.

Daily management

In case of the tip is broken and remaining

Nippers

In case of the tip is broken and stuck

Remover

※ The target segment can be broke if you push in too hard.
Please be careful when pulling them.

⚠ VSPHOENIX S target has a cover on the back so even if you push the tip into the target, the broken tips will be gathered inside the target due to it is designed to reduce target errors.

Order of Regular Scheduled Inspection

1. Open the door of the back of VSPHOENIX S and disconnect the sensing PCB cables.
2. Disassemble the back board by loosening the 4 of fly nuts.
3. After disassembling the back board, disassemble the sensing PCB, sensing rubber and segment
4. If the sensing rubber is worn out, change them with new one.
5. Remove the tips sticking on disassembled segment.
6. After the inspection, assemble them by opposite order.
7. Go into the SETUP MODE and test the sensor at the HARDWARE TEST of EASY SETUP. Check if all things are working properly.

Segment   Sensing PCB   Sensing Rubber

Fly nut / Washer

Back Board

Sensing PCB Cable

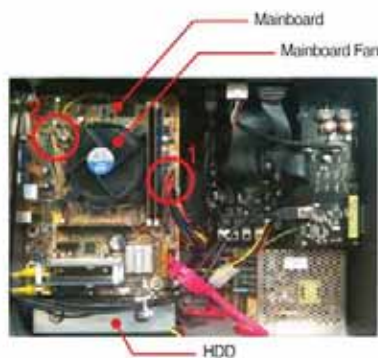⚠ Use washer when you tighten fly nuts.

Fly nut   Washer

1. When all power is not working (lights are included)

1. Check the power whether it is plugged well.
2. Open the cover of fuse and check the fuse.
   (If the fuse color is black or disconnected, please change the fuse for 220V/5A.)
3. Check all the cables inside of lower part.

Power Switch
Power Inlet
LAN
Reset Switch
(Use when a main board
BIOS is an error)
Fuse (5A)
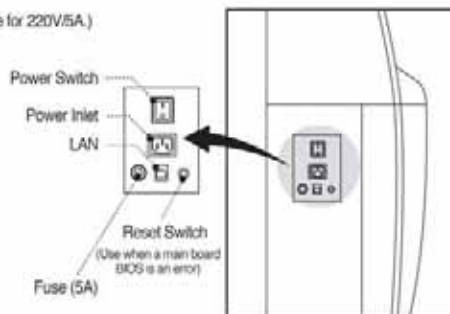
2. If the machine is not working but the light is on

Mainboard
Mainboard Fan
HDD

1. Check if the cable of no.1 power supply is connected properly.
2. Check if the cable of no.2 power supply is connected to the mainboard properly.
3. Check the power of mainboard(Fan) and then press reset switch on the side of machine.
4. If the problem is not solved, then change Power Supply.
5. If the problem is not solved with above solutions, change mainboard.

※ If you can see the screen and button light,
   - Check mainboard and I/O board cables

※ If you can't see screen but the lights are working on the buttons,
   - Check Memory / CPU / Mainboard/ DVI(RGB) Cable / Check LED Monitor

※ Check HDD (If you see 'Reboot and Select' on screen even you reconnect power cable and SATA cable, it is HDD defect.) and if there is a problem in HDD, please change HDD or Mainboard.e

3. If the screen is not working

1. Chsck DVI(RGB) is connected to the mainboard or LED monitor.
2. Check the monitor power cable is connected to LED monitor.
3. If there is no screen but you can hear the sound when you press any button of VSPHOENIX, change DVI(RGB) cable / LED Power cable / LED Monitor.

DVI Cable
RGB Cable

DVI (RGB) Cable
LED Monitor Power Cable
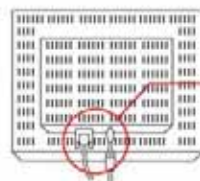
Check if the cables are connected to LED monitor well.

4. Target a specific part of recognition errors

1. Check if the target is combined correctly and re-combine them if there is problem.
2. Change the Sensing PCB and sensing rubber if there is problem.
3. Check and change the I/O Board. If the problem is continuing, check if it combined correctly, again.
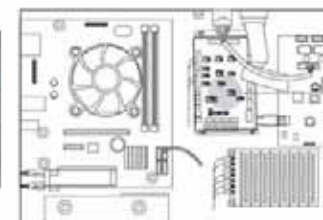
Sensing Rubber   Sensing PCB   Back Board   I/OBoard (Black)
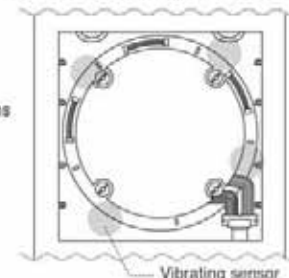
5. MISS recognition error

1. Check the reception control button of I/O board. When the problem continues, check the vibrating sensor cable.
2. You need to change the cable if there is problem with vibrating sensor cable.
   ※ Disassemble each of all 4 (white) cables at the left bottom side and check. (If 2 are ok among al 4, the miss recognition will be available.)
   ※ If you use the defected sensor after disassembling the cable, the miss recognition will be available.)
3. Change the vibrating sensor if no problem with I/O board is found.
   ※ If the sensor makes error, check where the point is show on screen and disconnect the cables one by one from vibrating sensor and then check where the noise come from.
   ※ Change the vibrating sensor which is making noise.
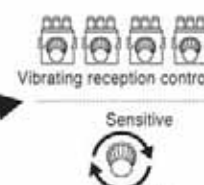
Vibrating sensor cable
I/O Board
Vibrating reception control buttons
Sensitive
Insensitive
Vibrating sensor

6. In case of the scores are not recognized

1. Check the connection of cable relating the target. If there is problem, you need to reconnect or change the cable. If no problem is found, check the side board.
2. If no problem is found with side board, check the I/O board. Check the I/O board and need to change I/O board if there is problem. If no problem is found, check the connection of cable relating the target again.
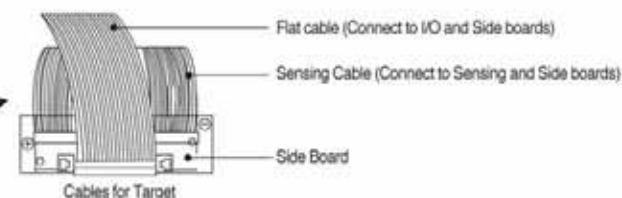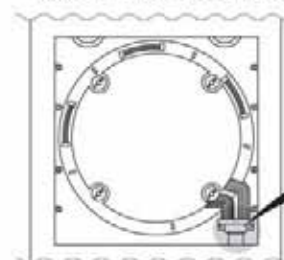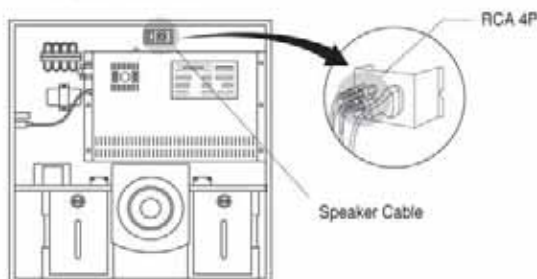
Flat cable (Connect to I/O and Side boards)
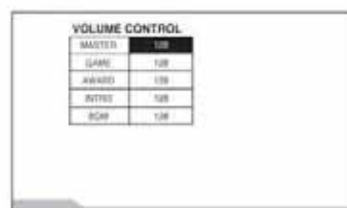Sensing Cable (Connect to Sensing and Side boards)
Side Board
Cables for Target
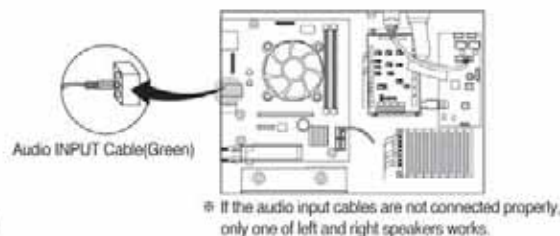
7. If sound is not working

1. Check the speaker cable and re-connect and change the cable if there is problem. If no problem is found, check the volume setting at the setup mode.

RCA 4P

Speaker Cable

2. If there is problem with test mode, adjust the volume. If the problem is continuing, check the audio input cable (green) at the main board.

VOLUME CONTROL	
MASTER	128
GAME	128
AWARD	128
INTRO	128
BGM	128

Audio INPUT Cable(Green)

SETUP MODE ▶ EASY SETUP ▶ VOLUME CONTROL

※ If the audio input cables are not connected properly, only one of left and right speakers works.

3. If there is no problem is found in audio input cable, check the woofer at the bottom.
※ Check the woofer status: Power/ adjust volume / cable connection status

Woofer

If only one speaker is working.

1. Check the speaker cables on both right and letf back sides of target.
2. Check upper and lower of the speaker cables on middle of upper part.
3. Check lower woofer speaker cable.
4. If the problem is not solve with the above solution, change the broken speaker.
5. Check solderings of RCA 4P.
6. Change mainboard

4. If there is problem with woofer at the bottom, change the woofer. If there is no problem, change the main board or HDD.

HDD
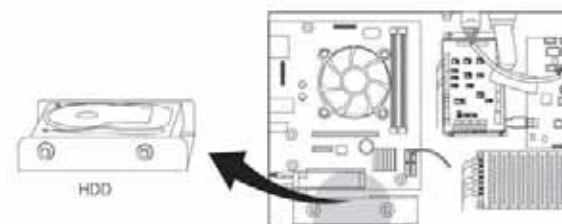
8. If it doesn't recognize the coin

1. Chack if the sample coin is placed properly in coin machine.
2. Check the cable connection. Reconnect the cable if there is problem.
3. Check the coin machine. Change the coin machine if there is problem.
4. Check an I/O board. Change the I/O board if there is problem.
5. You need to change the cable if the problem continues.

Coin Machine Cables

Coin Machine
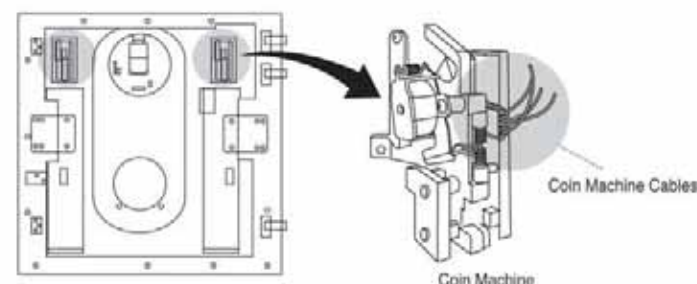
9. Sticking during the game (it will mark as OO MATRIX STUCK)

1. Check the I/O board and need to change if there is problem.
2. Remove the dart tip or clean the target. But, you need to change the target if there is problem with target itself.

10. If the coin is not inserted in

Check the coin control screw at the back of coin machine. Adjust the size of coin hole if there is problem.

Coin Control Screws
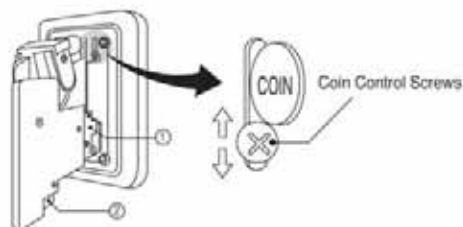
COIN

※ Push the red plastic stick (no.1) on right side in the coin machine.
Pull no.2 which is on the bottom and check any coin is stucked.

## 13.If a camera is not working correctly

1. Check the camera decoder first. If there is problem, clean them after disassembling them. If problems are still occurring, the decoder needs to be changed.
2. Check the camera SMPS whether DC12V on no.4 and 5. The SMPS needs to be changed if there is problem.
3. Check the camera connector board. It needs to be changed if there is problem.
4. Check the camera (target/player) parts. It needs to be changed if there is problem.

Player Camera

Camera Connector Board

Target Camera

Camera Decoder

Camera SMPS

Camera SMPS
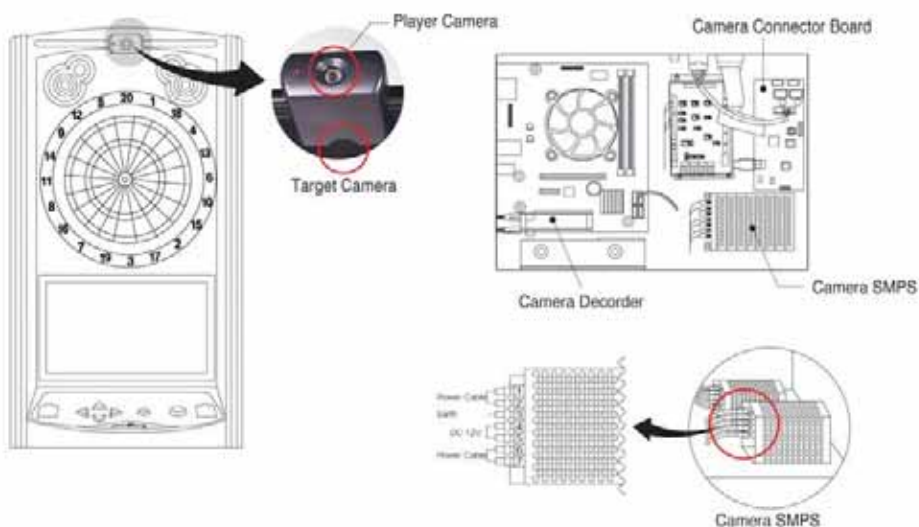
14. If a phoenix card is not recognized

1. Check the card reader cable. If there is problem, try to reconnect or change the cable.
2. Check the card reader. It needs to be changed if there is problem.

※ If the red light is ON at the board lamp, the power is providing properly.

Card Reader Cable

Card Reader
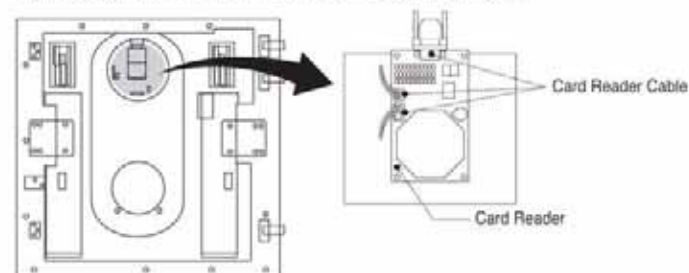
15. If online is not working

1. Check the action status of router or hub. If it doesn't work, you need to reboot or change them
2. Check the LAN. You need to reconnect them if there is problem with LAN itself.(Example: If the green LED which is under the LAN connector of mainboard is not on.)
3. Check if IP address can be tracked at the test menu.
4. Check the main board and LAN connector. You need to change the main board or LAN connector if there is problem.
※ After removing LAN connector, you need to connect the LAN to the main board directly.

16. If versus movie is not working

1. Check if the router is correctly setting up.
2. After checking the VSERSUS MOVIE connection time, please confirm the MAC ADDRESS and camera whether its power is On or Off with an administrator.

FCC Information

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

    (1) This Device may not cause harmful interface, and

    (2) This device must accept any interference received, including interference that may cause undesired operation.

> Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:
>   1.1. Reorient or relocate the receiving antenna.
>   1.2. Increase the separation between the equipment and receiver.
>   1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
>   1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority operate the equipment.