

# Pandora's Box 6 Arcade Version Mainboard User Manual



**Dear customer:**

**Thank you for choosing and using the Pandora's Box Arcade Version.  
Hope you can better use the product, please read carefully the user  
manual. Let it bring you a better game experience.**

## Product Features:

- The “**Pandora’s Box Arcade Stick (PBAS)** “ comes with classic Retro Multiple Arcade Games . We have managed to bring these games after a number of hardware and software technology developments through our rich experience to match the expectations of the high level of enthusiasts players .
- **PBAS** has high quality optimization with open function in order to adapt to the requirements of high-definition display era.
- Supports Game Classification Function which is convenient for players to find games according to the Genre of Game (such as fighting Genre) OR Game Name (such as the name of the game beginning with A letter). The same type of game can be arranged in a unified manner.
- Supports Multi-Language (Simplified Chinese / Traditional Chinese / English)
- Supports high-quality two-channel HDMI/AUX audio output
- Supports Turbo Shooting function which enables you to enjoy the ultimate pleasure continuous shooting function
- Supports Game-Pause function even in Coin Mode which enables you to Pause /Resume your game play.
- Supports **Unlimited Games** feature on an External Storage Media so that players can easily add their own games of **FBA/MAME/PS1**.
- Support Replace background image function, highlight your personality and create your own game worlds
- Support Custom Button, The position of the button can be defined according to your needs.

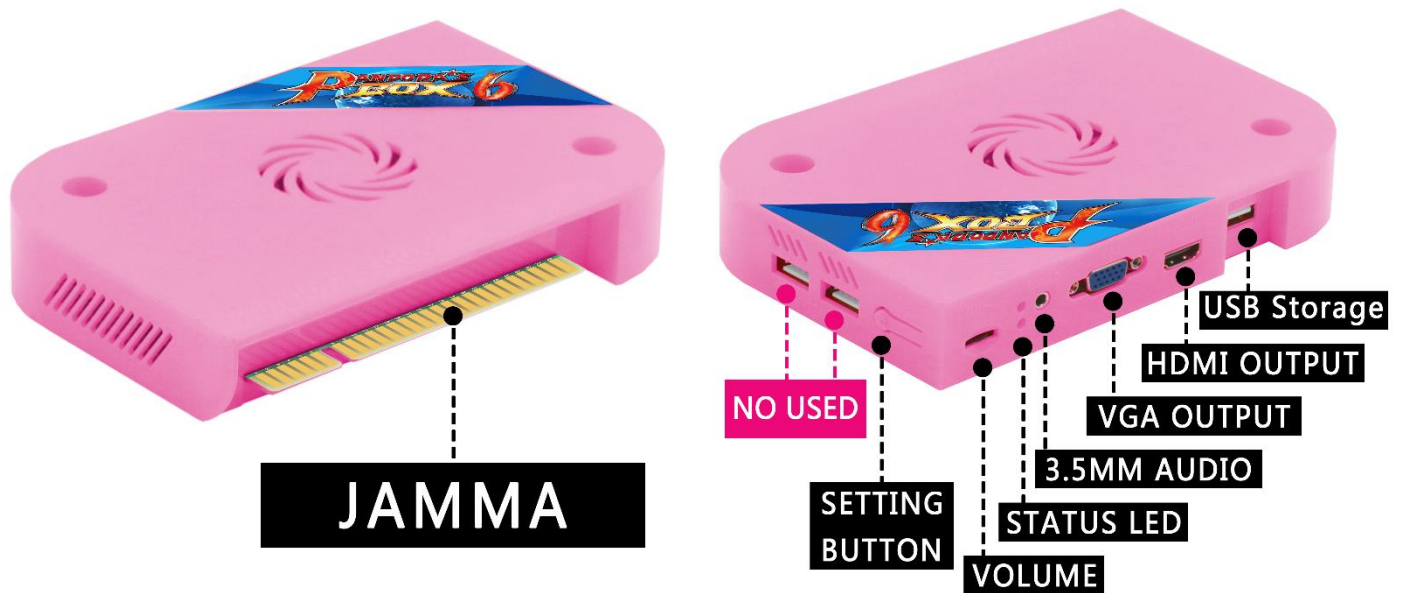
## A. 28 Jamma Pin

2P TABLE (SOLDER SIDE)		1P TABLE (PARTS SIDE)	
GROUND	A	1	GROUND
GROUND	B	2	GROUND
+5V	C	3	+5V
+5V	D	4	+5V
N/C	E	5	N/C
+12V	F	6	+12V
N/C	H	7	N/C
N/C	J	8	N/C
N/C	K	9	N/C
SPEAKE-	L	10	SPEAKE+
N/C	M	11	N/C
VIDEO GREEN	N	12	VEDIO REN
VEDIO SYNC	P	13	VEDIO BLUE
N/C	R	14	GROUND
N/C	S	15	N/C
COIN SWITCH #2	T	16	COIN SWITCH #1
2P START	U	17	1P START
2P UP	V	18	1P UP
2P DOWN	W	19	1P DOWN
2P LEFT	X	20	1P LEFT
2P RIGHT	Y	21	1P RIGHT
2P BUTTON #1	Z	22	1P BUTTON #1
2P BUTTON #2	A	23	1P BUTTON #2
2P BUTTON #3	B	24	1P BUTTON #3
2P BUTTON #4	C	25	1P BUTTON #4
2P BUTTON #5	D	26	1P BUTTON #5
2P BUTTON #6	E	27	1P BUTTON #6
GROUND	F	28	GROUND

## B. Mainboard Specification

Item	Description	
System Config	CPU	Quad-core Cortex-A7 1.2GHz
	GPU	Mali400MP2@600MHz
	RAM	DDR3/1866 2GB
	System Storage	MicroSD(TF)512MB & 8GB USB Storage
	Extended Stonge	8GB / 16GB / 64GB USB Storage
Support resolution	High-Definition Digital Output 720P / 1024X768 / 640x480 / 384x224(CRT)	
I/O	1xHDMI	
	1x VGA	
	1 x 2X280 Jamma	
	1 x 3.5mm AUX port	
	1 x USB ports for usb disk	
	1 x SettingButton	
Work Environment	C--45° C,30%--90°/o Humidity	
Dimension	175mm x 130mm x 40mm	
Packaged Weight	0.6Kg	
Net Weight	0.35Kg	

### C. Interface Definition :



Picture 1

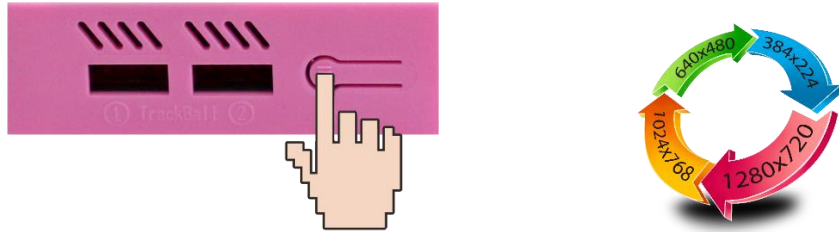
Volume Adjusts the overall output volume, including the JAMMA output, HDMI output and 3.5mm audio output volume, so to avoid repeated output, you can choose a separate sound output.

Please insert the USB storage device before use.

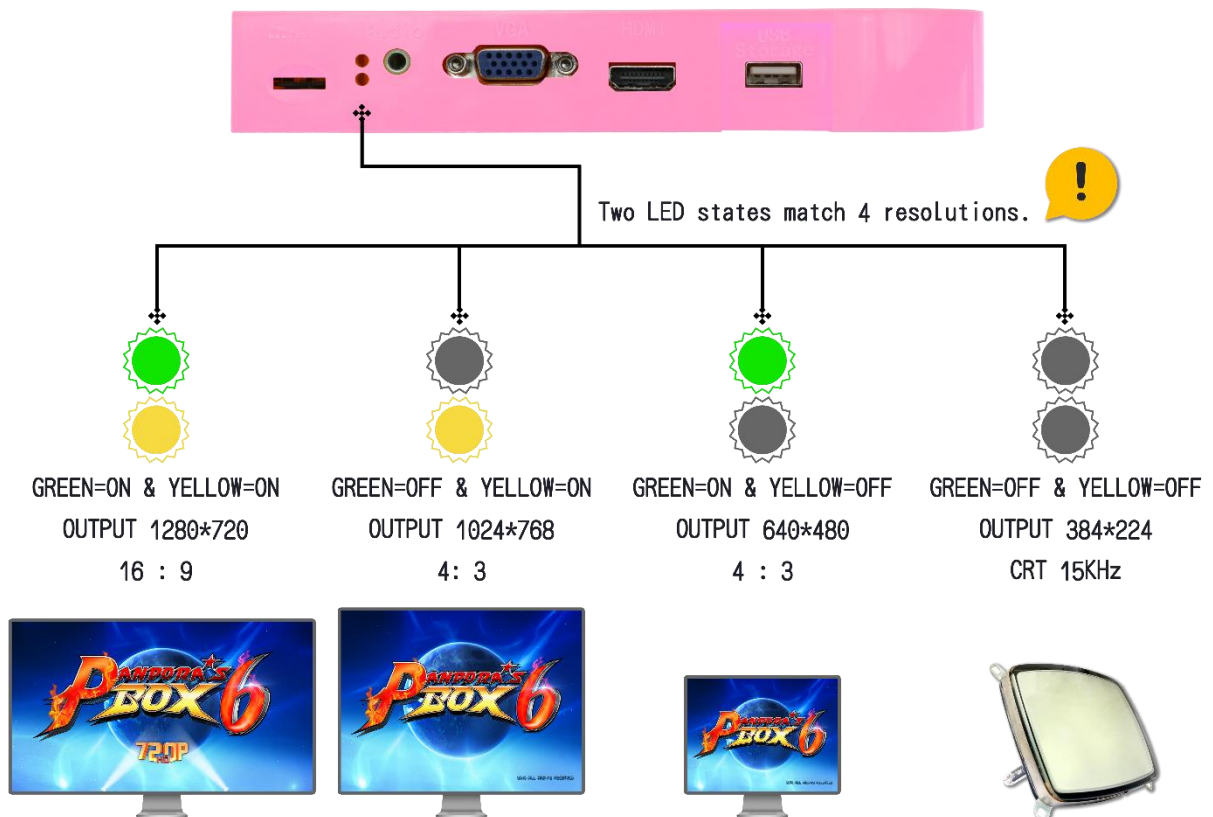
## D. Function Description

### a) Switch display resolution:

In order to meet the needs of more players, this product exclusively supports 3 display resolutions: 1280x720, 1024x768, 640x480, 384x224(CRT 15KHz). The default output is 1280x720.



Please press and hold the Setting Button and THEN turn ON the power and just after 2 seconds release the Setting Button in order to switch to next resolution.

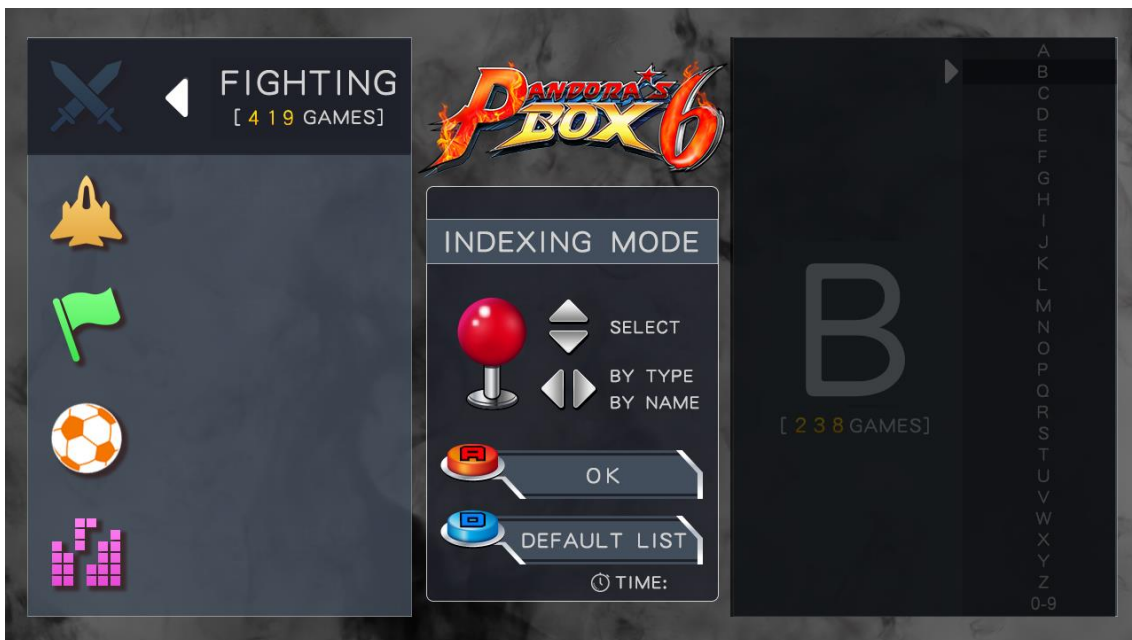


Picture 2

### b) Game classification function:

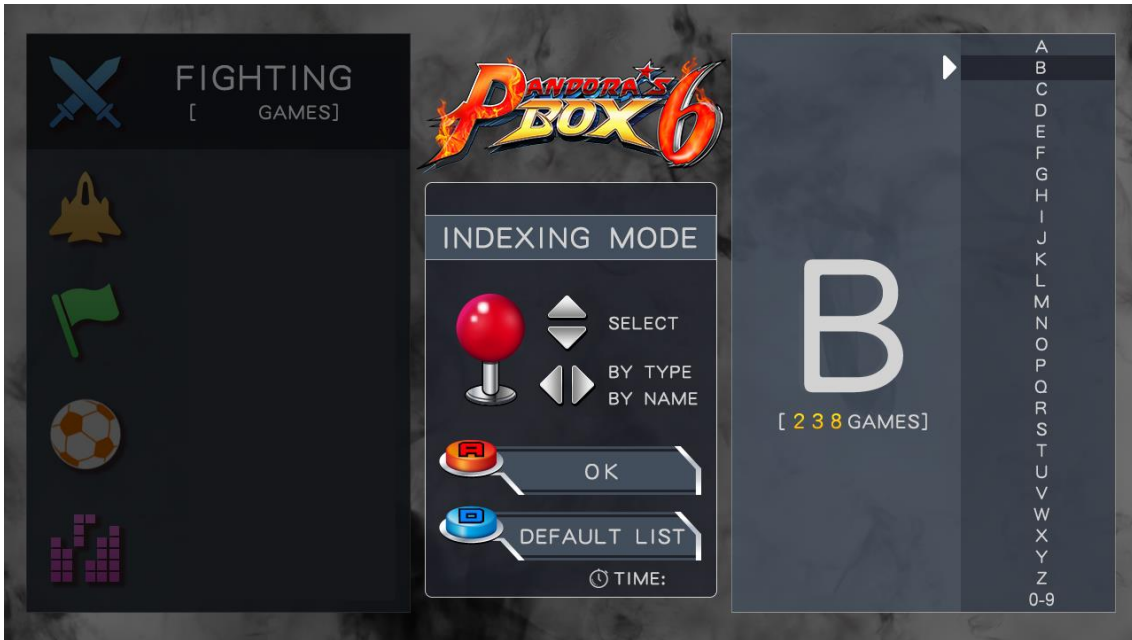
This product features a new Game Classification Function, which greatly facilitates the player to search for the game that he wants to play and at the same time quickly displays

the same Genre of Game. Press the 1P Start button in the main menu of the game to enter the Game Classification interface. There are 2 classification methods: 1. depending on the Genre of the game and 2. sorting according to the letter of the Game Title. The Genre of Games are divided into FIVE categories: [Fighting], [Action], [Shooting], [Sports], and [Puzzle]. Each Genre of game has its own icon that appears above the sequence number in the default sort. Press A to choose to return to the Main Menu and the Game List will show the first game of the selected type.



Picture3

Move Joystick to the Right in the interface to enter the alphabet sorting selection, press A to select one of the letters, then after return to the main menu the game list will be displayed the first game of the letter(Picture 10 ):

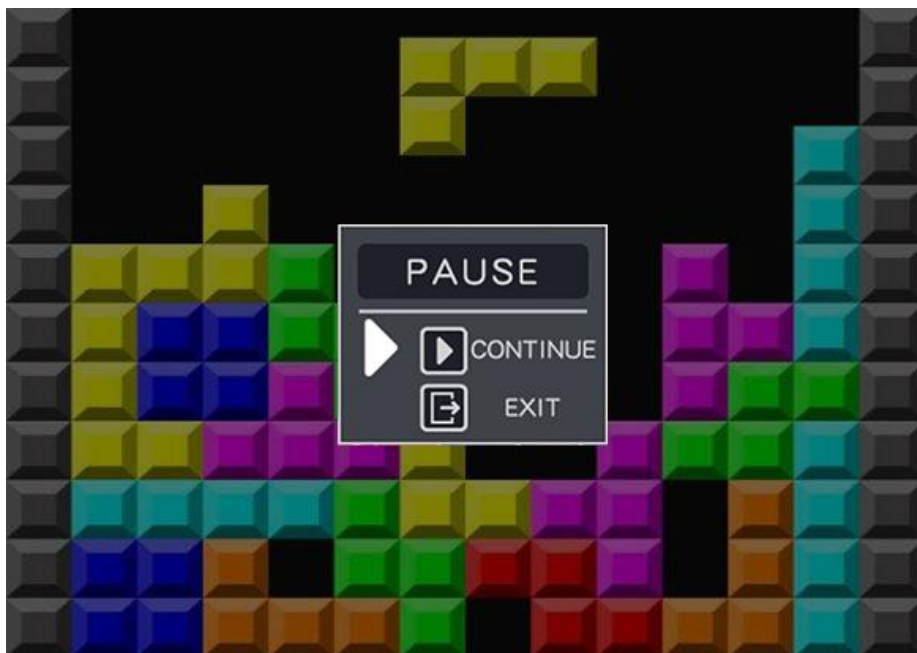


Picture4

If you want to return to the default list, press the D button on the category interface.

**c) Pause Game Function :**

This product with the function of pause game. Such as when playing game for a long time and want to have rest, but do not want to stop the game, you can use the pause function, press the [PauseButton], will appear pause menu. In a suspended state, will not lose the progress of the game, and has been looking forward to your return field. The screen is as follows (Picture 11) :



Picture 5



#### d) Turbo shooting function

In the game, hold down the START button and press A to turn ON/OFF auto fire,  
After open please hold down A button keep auto fire .

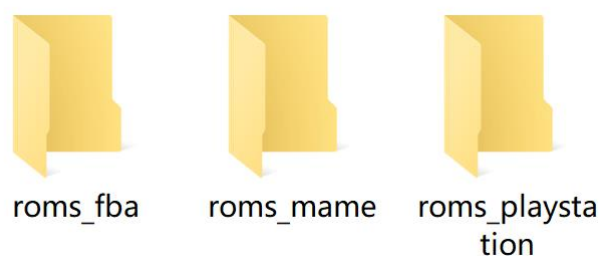


Picture6

#### e) game expansion function

The games supported by the motherboard itself are rigorously tested and run normally, and users can add their favorite games to the external storage device. Support for FBA/MAME/PS1 simulator games.

According to the simulator, the user copies the game ROMS file to the [roms\_fba], [roms\_mame], and [roms\_playstation] folders in the root directory of the external storage device. The homemade MV files are placed in the [movies] folder. Reboot to scan out the newly added game and place it at the end of the list.



Picture7

**f) Replace background image function:**

**In order to highlight the personality, you can use your favorite background image. You only need to pass the image file through PS and other image processing software, and output it as 4 kinds of BMP images. The image files at each resolution are independent. , so you need to output 4 files.**

**The file must be in Bmp format , the file name :**

**1280x720.bmp;**

**1024x768.bmp;**

**640x480.bmp;**

**384x224.bmp;**

**Then copy the 3 files to the root directory of the Usb storage device.**



384x224.bmp



640x480.bmp



1024x768.bmp



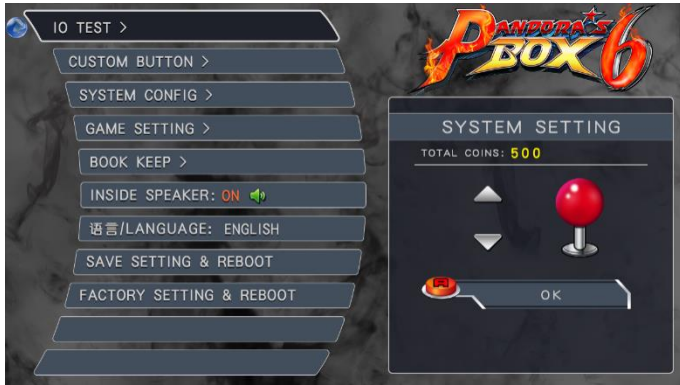
1280x720.bmp

Picture8

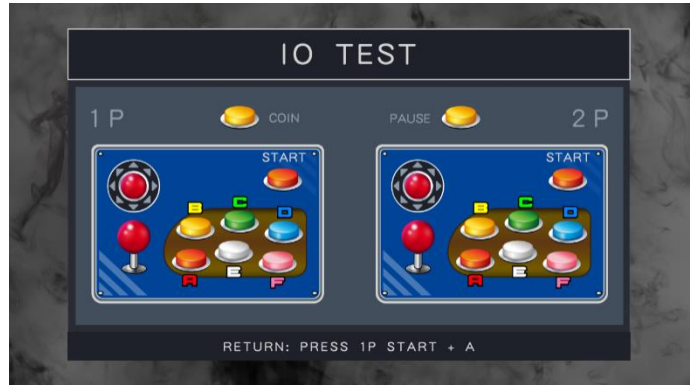
## Console Function :

### 1. Console Setting :

Press the setup button to into the system setup menu



Picture 9



Picture 10

#### (1) IOTEST :

This option can test the machine's coin selector, joystick, buttons connection Pandora's Box is correct.

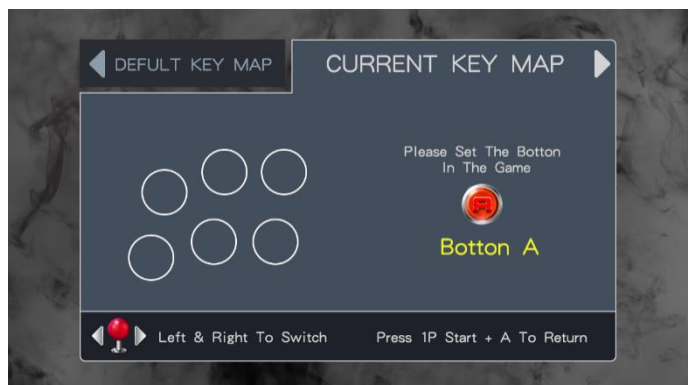
#### (2) CUSTOM BUTTON:

This option allows the player to custom button definition as needed

- 1.) **CURRENT KEY MAP:** Show the map in using. Press 3 seconds 1p or 2p start to custom 1p or 2p button. Then press a button to set the button in game, for A button – F button.



PICTURE 11



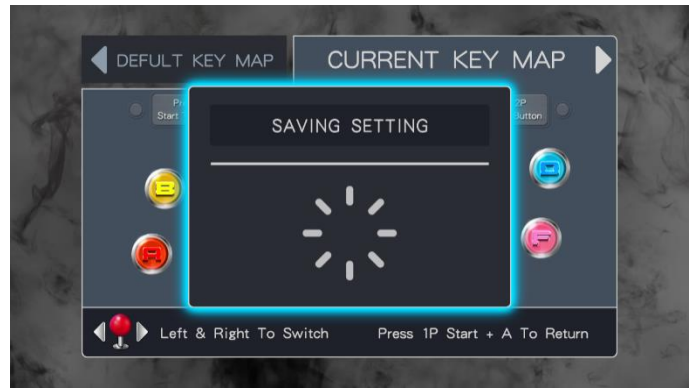
PICTURE 12

When the custom is completed .Press 1P and 2P start button to save and return.

- 2.) **DEFULT KEY MAP:** Move left to switch the default key map, Press 1P and 2P start button to save and return.

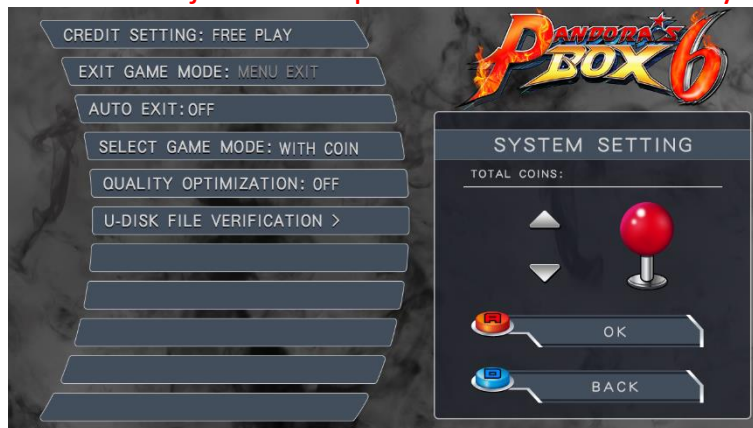


PICTURE 13



PICTURE 14

**(3) System settings: various adjustment options for the included system**



PICTURE 15

**A. CREDIT MODE:**

Press A button to select credit mode (1:1 – 9:1, 1:2 – 1:9, Freeplay), if need not insert coin to Play games, please set to Free Play

**B. EXIT GAME MODE:**

Press A button to select exit game mode.

[MENU]:press [MENU·PAUSE] button will show pause menu; [START+COIN]:hold P1 start button and insert coin will exit game.

**C. AUTO EXIT:**

Press A button to select. AFTER 3 MINUTES/will exit game if no playing over 3 minutes; OFF/this function will be closed.

**D. SELECT GAME MODE:**

Press A button to select. WITH COIN/can only select game after insert coin; ANY/can select game without insert coin.

**E. QUALITY OPTIMIZATION :**

This option is when set up the game image quality use optimization enhancements function, image quality enhancement function is the Pandora's Box series products 'exclusive function, which was agreed and approved by a number of arcade

game players with 15 years' experience. Can greatly enhance the visual effects to reach the new era of image standards. Can set up [Switch on] or [Switch off].。

#### (4) GAME CONFIGURATION



Picture 16



Picture 17

##### 1.) Difficult &Lifes

Press A button enter into the difficult &lifes setting menu . Move the joystick to choose the game you want to setup, press A button to set the difficult; press B button to set the lifes(can not modify if the game doesn't have this option); press C button to unified all games' setting same as current game; press D button to exit the setting.

##### 2.) Display / Hide game

Press B button enter into the display/hide setting menu . Move the joystick to choose the game you want to setup. Press A button to display/hide game, after hidden the game menu will appear [stop] icon; press B button will display all games. If you only want to show a game, the cursor choose this game, press the C button, is only run this game other all hide, every time after the open power will automatically run this game; press D button exit the setting



Picture 18



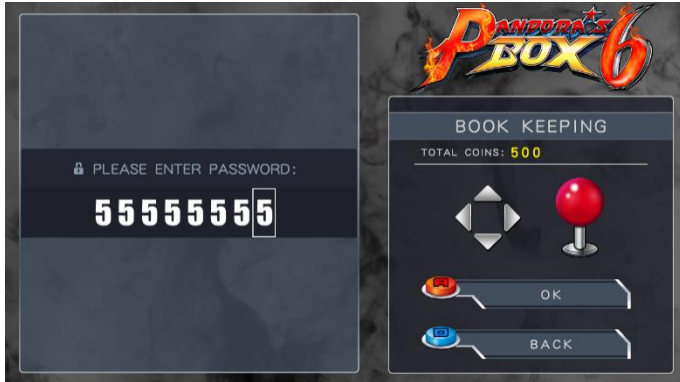
Picture 19

##### 3.) Edit Favorite Function

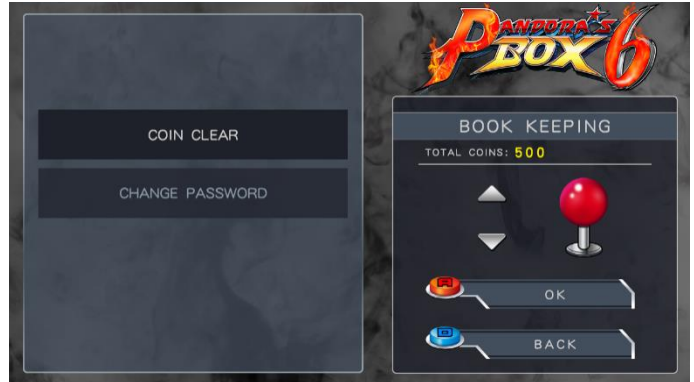
If you like to play a game, but it's sort of a comparison on the back, welcome to use the collection function. In the interface of [ Game Setting] , press button B to enter [Edit Game List] , after entered edit collection game list, press button A choose the game, its serial number will become an asterisk, which means it has been collected. Collected game will be display at the top of the game list; other game list will be behind, so you can quickly and easily choose the game. The maximum collected games is 30. Press button C to cancel all the collection.

## (5) BOOK KEEPING

Game board can record all the number of insert coin, displayed in the top right-hand corner of the system menu, if you need to clean the total coin records, into the bookkeeping, Then prompt the enter password, The default password is 55555555, joystick up & down change the number, left & right is next and return. after into can clean coin records and change the password.

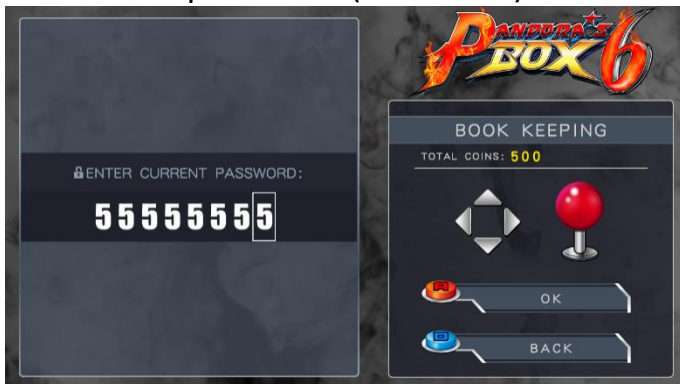


Picture 20

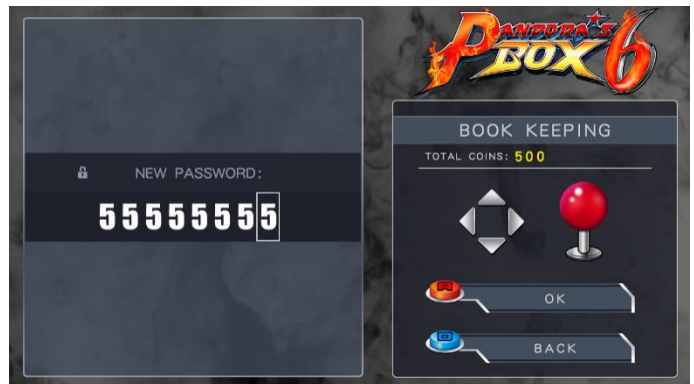


Picture 21

Select change password, enter your old password need to confirm (Picture 25), and then enter a new password. (Picture 26)



Picture 22



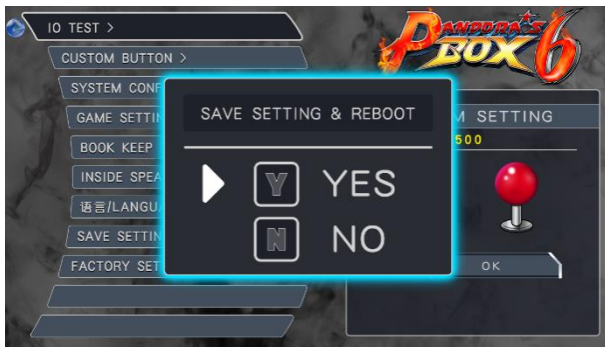
Picture 23

(6) Built-in speaker: When the user needs to turn off the built-in speaker, only use the audio port or HDMI audio. It will take effect after saving and restarting.

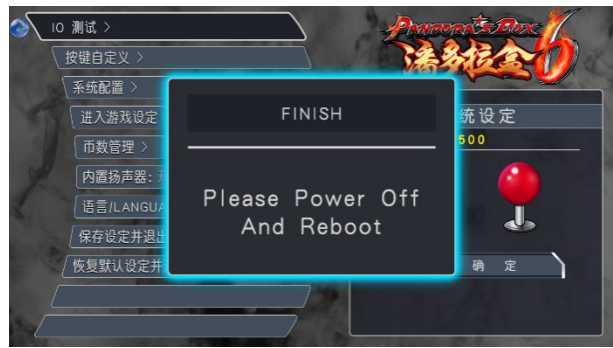
(7) Language/language: Users can choose the language they want according to their needs, including Simplified Chinese/Traditional Chinese/English.

## (8) SAVE SETTING & RBOOT

Press A button will pop up save the settings check box(Picture 27), save please select Yes, do not save please select No. then will show SAVING.Do not turn off the power at this time. When finished, you will be prompted to power off and restart. At this time, please turn off the power for 3 seconds and restart.



Picture 24



Picture 25

### (9) FACTORY SETTING&RBOOT

Press A button will pop up save the FACTORY check box(Picture 27), save please select Yes, do not save please select No. then will show SAVING.Do not turn off the power at this time. When finished, you will be prompted to power off and restart. At this time, please turn off the power for 3 seconds and restart.



Picture 26



Picture 27

## Abnormal Condition Diagnosis of Using :

<b>Error Description</b>	<b>Reason</b>	<b>Approach</b>
No respond when power on, without power light.	Power adaptor is abnormal Console is abnormal	Try to replace the power adapter with the same parameters or contact to the dealer.
No signal	Please check whether the connection of HDMI or VGA is correct, the monitor source settings are correct	Replace wiring harness or monitor.
No Sound	Circuit abnormal	Change wiring harness or audio equipment
Suddenly button malfunction in using.	Battery is no enough. Buttons wiring connection get loose.	Contact to the dealer
Buttons operate slowly or appears inexplicable button operation.	Signal interference	Contact to the dealer

**\*(Please prevail the product in kind, if there are new changes or upgrades of it; please forgive me without prior notice)**

**For your health, please moderate the game. Do not watch the monitor / TV for a long time in a dark environment, and rest for 5 minutes every half hour.**

**Thank you for buying and using this product, wish you a happy hours.**