



PANDORA BOX 9D

Family Version User Manual

Dear customer:
Thanks for your love of Pandora box motherboard and game controller.
This manual is the instructions for use and installation instructions of Pandora box family version motherboard.

Motherboard Picture:



1

PANDORA BOX 9D Motherboard Specification	
Mainboard Model: PANDORA BOX 9D	Video port: HDMI*1 VGA*1
CPU: Quad-core Cortex-A7 1.5GHz	Audio Port: 1*3.5mm AUX port 1*2P Speaker output
GPU: Mali-400MP2	Control Interface: 1*40Pin Connector
Graphics Accelerators: 3600TI MPU 600MHz	Joystick Input: 2*USB2.0
RAM: 2GB DDR3/1800MHz	Power Input: DC 12V/2A
System Storage: MicroSD(TF) 16GB/EXTRA USB3.0	Work Environment: Temperature 5°C~40°C, Humidity 30%~90%
Resolution: 1280x720 / 720P / 1024x768	Mainboard Size: 175mm x 130mm x 40mm
Soundcard: 5.1 surround sound	Net. Weight: 0.35kg

2

Control Interface Description:

PS3	PC	Pandora Box	2P 1P	Pandora Box	PC	PS3
+5V	+5V	+5V	1 1	3.3V	3.3V	
SELECT	J	NC	2 2	NC	J	SELECT
1P	I	NC	3 3	NC	I	
R2	H	NC	4 4	NC	H	R2
R1	G	NC	5 5	NC	G	R1
L2	F	2P-F	6 6	1P-F	F	L2
L1	E	2P-E	7 7	1P-E	E	L1
D	D	2P-D	8 8	1P-D	D	
C	2P-C	9 9	9 9	1P-C	C	
B	2P-B	10 10	10 10	1P-B	B	
A	2P-A	11 11	11 11	1P-A	A	
RIGHT	RIGHT	2P-RIGHT	12 12	1P-RIGHT	RIGHT	RIGHT
LEFT	LEFT	2P-LEFT	13 13	1P-LEFT	LEFT	LEFT
DOWN	DOWN	2P-DOWN	14 14	1P-DOWN	DOWN	DOWN
UP	UP	2P-UP	15 15	1P-UP	UP	UP
START	START	2P-START	16 16	1P-START	START	START
NC	NC	PAUSE	17 17	COIN	NC	NC
GND	GND	GND	18 18	GND	GND	GND
DPAD/LS	NC	NC	19 19	NC	DPAD/LS	
	NC	NC	20 20	NC	NC	

3

Product Features:

- The "PANDORA BOX Arcade Stick (PBAS)" comes with classic Retro Multiple Arcade Games. We have revolutionized with a new feature called as "Unlimited Games" so that you can explore more variety of games. We have managed to bring these games after a number of hardware and software technology development through our rich experience to match the expectations of the high level of enthusiasts players. We researched to optimize the design and enhanced the capabilities of the product so that you enjoy vivid feel of playing a Retro Game as fast with precision.
- PBAS has high quality optimization with open function in order to adapt to the requirements of high-definition era. With a variety of resolution switching capabilities, including 1280x720, 1024x768 640x480. Meet the display needs of more players.
- Supports multi-language. (Simplified Chinese / Traditional Chinese / English)
- Supports high-quality two-channel HDMI/AUX/built-in speaker audio output, support use the setting menu ON/OFF the console built-in speaker function.
- Supports other famous console's controller like: PS3 / PC through built-in controller chip.
- Support 3Player and 4Player to play games, support single Joystick (Gamepad) or double Joystick insert USB control the games.
- Support Custom Button, The position of the button can be defined according to your needs.
- Supports Game-Pause function even in Coin Mode which enables you to resume your game play.

4

MotherBoard Function Setting Instructions

(1) Resolution Setting:
 In order to meet the needs of more players, this product exclusively supports 3 display resolutions: 1280x720, 1024x768, 640x480. 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.



Please press and hold the setting button and then turn on the power and just after 2 seconds release the setting button to switch to next resolution

(2) SYSTEM SETTING:

Press the setup button to into the system setup menu(Picture8)

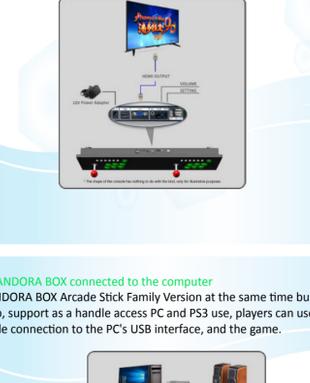


Picture 8

5

IO TEST :

This option can test the machine's coin selector, joystick, buttons connection PANDORA BOX is correct.(Picture9)



Picture 9

CUSTOM BUTTON:

This option allows the player to custom button definition as needed

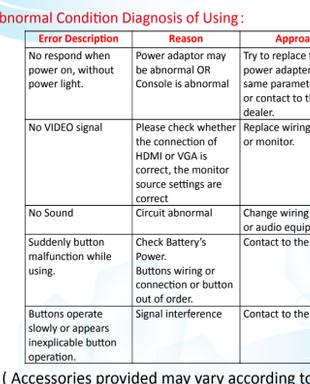
(1)DEFAULT KEY MAP : Move joystick left can be switched to default button configuration. This is the factory button installation standard. If custom error needs to be restored to factory default button configuration, please select this item. Press 1P Start + A to save and return system setting menu(Picture10).

(2)CURRENT KEY MAP: This option is the matching relationship of the current button. If unchanged, it will be the same as the default button. If you need to customize your favorite button habits, you can hold 1P Start 3 seconds or hold 2P Start 3 seconds to enter their respective button definitions menu.follow prompt, define the A-F key, and press 1P Start + A to save and return to the setting menu(Picture 11).

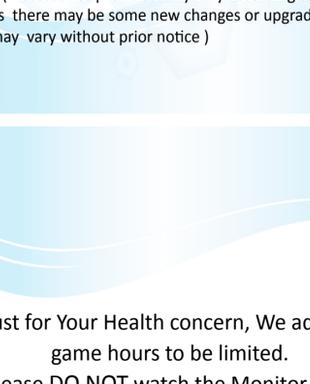
(3)JOYSTICK SETTING: Joystick has many keys, so support 8 keys definition. The 1-6 key match arcade Game A-F button, and the other 7 and 8 keys are used as extensions to meet standard home games. In this screen, you can directly start to define joystick key 1, move down definition. In your 2, key 3,...key 8, press joystick Start key to save and return to the setting menu(Picture 12).



Picture 10



Picture 11



Picture 12

6

SYSTEM CONFIG:

(1) CREDIT SETTING:

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



Picture 13

(2)EXIT GAME MODE:

[MENU EXIT]: Can set Pause menu ON/OFF, and can store coins to enter and exit the game menu. [START+COIN]:Hold 1P start button then insert coin will exit game.it can not store coins to enter and exit the game

Picture 14

(3)AUTO EXIT:

ON: If joystick and button are not operated for 3 minutes in the game, it will auto return game menu.OFF:this function will be closed, it will not auto exit game menu.

(4)SELECT GAME MODE:

WITH COIN: After insert coin, just can move joystick to select gamesANY.Can without insert coin and select game at any time

(5)QUALITY OPTIMIZATION:

ON: Game Screen Using Graphic Card Software to Calculate Output of High Quality.OFF: Output game screen using original scanline.

(6)GAME TIME:

No use

8

(7)JOYSTICK SETTING:

1P + 2P: This mode use 1P and 2P arcade joystick and button(40p gpio) + two gamepads to play games, and support 4P arcade joystick play games at the same time.1P+2P joystick and button=1player+2player Two gamepads=3player+4player

1P: This mode use 1P arcade joystick and button + two gamepads to play games, and support 3players play games at the same time.1P joystick and button=1player Two gamepads=2player+3player

2P: This mode closed 1P and 2P arcade joystick and button just use two gamepads to play games. Two gamepads=1player+2player

GAME SETTING

(1)DIFFICULT&LIVES

Press A button to enter into the difficult & lives setting menu . Move the joystick to choose the game you want to set, press A button to set the difficult; press B button to set the lives(The game cannot be set without number display); Press C button will set the selected game as a unified standard setting; press D button to exit the setting.

Picture 15

Picture 16

9

(2)DISPLAY/HIDE GAME

Press B button enter into the display/hide a game setting menu . Move the joystick to choose the game you want to set, press A button to display/hide game, after hidden the game menu will appear [stop] select; press B button will display all game. If you just want to run a game, select it and press C button hide all game, every time after the turn on the power will auto run this game; press D button exit the setting

Picture 17

(3)EDIT FAVORITE FUNCTION

If there are some games you like very much, you can favorite it, press A button can add stars in front of the game name, it will display on top of the game menu. You can favorite of 100 games.

Picture 18

10

(4)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 book keeping. 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 enter coin records and change the password. Then select new password, enter your old password to confirm, and then enter a new password.

Picture 19

Picture 20

11

(5)INSIDE SPEAKER:

Mainboard support 2pin audio output to the speaker, also support 3.5mm AUX audio output and HDMI 2pin audio output. If you connect to the speaker, you can choose ON/OFF the speaker.

(6)LANGUAGE:

Game menu supports four languages, including Simplified Chinese/Traditional Chinese/English/ Korean.

(7)SAVE SETTING & RBOOT

Press A button to save the setting, it will show YES/NO, If you need to save all the settings you just set, please select Yes, without save please select No, then the screen will show SAVING. when show SAVING please do not turn off the power. The mainboard will auto restart and show the game menu.

Picture 21

(8)FACTORY SETTING&RBOOT

Select YES will restore the factory settings. Select NO without any settings.

Picture 22

12

An example of motherboard matching extension product (home console)

Multi-Function Controller	User Manual	Power plug
USB Type A to Type A Cable	DC 12V/3A Power Adapter	HDMI Cable

Controller button area map:

Standard version area map (console shape has nothing to do with actual use, for reference only):

13

Deluxe version area map (console shape has nothing to do with actual use, for reference only):

Connect the external device Definition:

1.PANDORA BOX connect to the TV PANDORA BOX Arcade Stick Family Version built a variety of exciting games, players can directly connect the display device for the game, the connection is simple and easy.

14

2.PANDORA BOX connected to the computer

PANDORA BOX Arcade Stick Family Version at the same time built-in gamepad chip, support as a handle access PC and PS3 use, players can use the USB TYPE-A cable connection to the PC's USB interface, and the game.

PANDORA BOX connect to the computer Steps :

(1)Connect the console by the USB cable in the accessory (USB cable both connector are same), connect PANDORA BOX console to computer, and dial the dial shi to the right, which is PS3 mode.

(2)Press Home button, the computer will begin to identify the arcade stick, the first time you connect you can observe the hardware-driver installation reminder in the lower right corner of the system status.

15

(3)After the hardware driver is installed, can enter [Control Panel] = [Game Controller]to check the status of the control panel and button test (For XP system, system in WINDOWS 7 or latest, please enter and check [Device and Printer]

(4)Open the game or simulator you want to play, enter the button settings, buttons mapping, after completion can play the game smooth. The below Picture shows the button settings interface of the FBA game simulator.

3.PANDORA BOX + PS3 Connect to TV

When the player needs to use the PS3 game, you can use the USB type-a cable connection to the PS3 USB interface

16

Product and PS3 Console Connection Steps:

(1)Connect the console by the USB cable in the accessory (USB cable both connector are same), connect PANDORA BOX console to PS3 console, and dial the dial shi to the right, which is PS3 mode.

(2)Press Home button, PS3 console will begin to identify the arcade stick. Approximately after 1 second can identify successfully, then can operate it. Definition of each button as follows

Abnormal Condition Diagnosis of Using:

Error Description	Reason	Approach
No respond when power on, without power light.	Power adaptor may be abnormal OR Console is abnormal	Try to replace the power adapter with the same parameters or contact to the dealer.
No VIDEO 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 while using.	Check Battery's Power. Buttons wiring or connection or button out of order.	Contact to the dealer
Buttons operate slowly or appears inexplicable button operation.	Signal interference	Contact to the dealer

* (Accessories provided may vary according to the version as there may be some new changes or upgrades of it , so it may vary without prior notice)

17

Just for Your Health concern, We advise the game hours to be limited.
 Please DO NOT watch the Monitor / TV for a long time in a dark environment and take rest at different time intervals.

Thank you for buying and using our product.
 Have a nice day!

PANDORA BOX 9D

Enjoy PANDORA BOX® WISH YOU HAVE A NICE TIME

18