AIR BUSTER

## OPERATION MANUAL

KANEKO

●Specifications

◇Name of Game   : AIR BUSTER

◇Control Panel   :One-sided 2 P

    Lever Switch   : 2 (8directions: one each 1 P and 2 P)

    Button   : 2 (fire button:one each 1 P and 2 P)

◇PC BOARD   PRIEST

◇Edge Connector   :JAMMA Standards

◇Monitor   :Side monitoring

●Operation Precautions

◇Each player uses an 8 -directional lever and button.
Do not connect the second and third buttons.

◇Unlike Conventional games, the sound is one the important factors for attracting customers.
Set the sound volume a little higher (so that players hear the game clearly)

◇Be sure to disconnect the power from the enclosure before installing or removing the PC Board.

◇Use extreme care not to drop any metal objects such as a nail or clip onto the PC Board. This can result in damage to the Board.

◇When transporting the PC Board, wrap it in aircap or sponge and secure it in a corrugated carton box.

steart buttn

1 P   2 P

control panel

fire button (push 1)

control bar (8 direction)
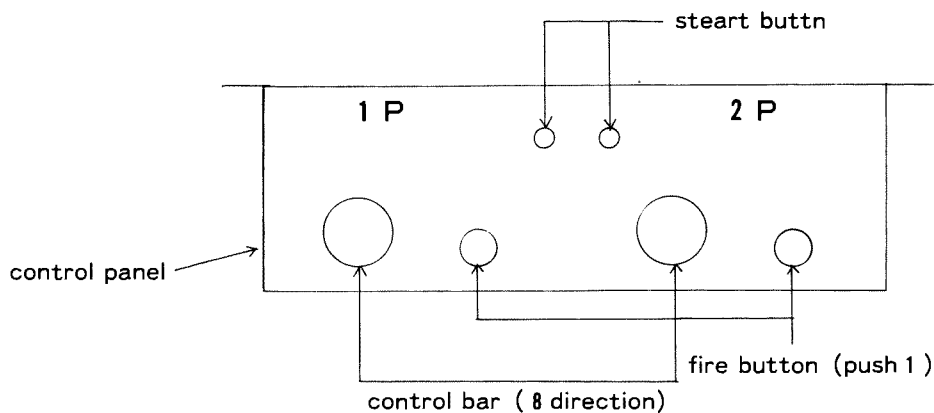
| Caution |

Commercial use of this machine is restricted outside Japan.

Export, sale or operation of this machine whithout our approval is strictly prohibited by law.

●Table of PC Board Connectors

(1) Required Power Supply

+ 5 V ± 5 %	M I N 4 . 0 A
+12V ± 5 %	M I N 1 . 0 A

(2) Standard of Edga Connector

JAMMA Standards

(3) Edge Connector Terminal Layout

Soldered Side	Terminals		Parts Side
G N D	A	1	G N D
G N D	B	2	G N D
+ 5 V	C	3	+ 5 V
+ 5 V	D	4	+ 5 V
	E	5	
+ 12 V	F	6	+ 12 V
Wrong Insertion Protection Key	H	7	Wrong Insertion Protection Key
Coin Counter 2	J	8	Coin Counter 1
Coin Lockout 2	K	9	Coin Lockout 1
Speaker (−)	L	10	Speaker (+)
Audio (GND)	M	11	Audio (+)
Video GREEN	N	12	Video RED
Video SYNC	P	13	Video BLUE
Service Switch	R	14	Video GND
Tilt Switch	S	15	Test Switch
Coin Switch 2	T	16	Coin Switch 1
Start Switch 2	U	17	Start Switch 1
2P Control 1 UP	V	18	1P Control 1 UP
2P Control 2 DOWN	W	19	1P Control 2 DOWN
2P Control 3 LEFT	X	20	1P Control 3 LEFT
2P Control 4 RIGHT	Y	21	1P Control 4 RIGHT
2P Control 5 PUSHI	Z	22	1P Control 5 PUSHI
	a	23	
	b	24	
	c	25	
	d	26	
G N D	e	27	G N D
G N D	f	28	G N D

※For optimum use of this machins, supply desijnated voltage where applicable.

●DIP Switch

◇Switch A−1, 4 ／B− 3 and 8 are not used. Turn them OFF.

◇A− 2 reverses the screen. When it is turned on during play, the screen may be turbulent. Turn the power off once when A− 2 is turned on.

◇When the power is connected with A− 3 turned on, the machine reverts to the test mode and the test pattern is displayed. when the 1P Start is pressed with this screen, a system menu is displayed. Follow the instructions displayed for further operation.

◇With A− 5 through A− 8, the game fee can be set for each coin slot, A and B.

◇B− 1 and B− 2 sets the player levels of the entire game.

◇B− 5 and B− 6 sets the number of players at the start of the game.

◇B− 7 turns the sound on and off during demonstration.

※Basically, the standard settinjs are all the switches that are turned off.

DIP Switch

⟨DIP SWITCH A⟩　　　　　　　　　　　　　　　　　Bolr face indicates standard setting.

		1	2	3	4	5	6	7	8
....	....	OFF							
Reversed screen	Normal Reversed		OFF ON						
Test-mode	Normal Test-mode			OFF ON					
CREDIT Coin− A	1 Coin 1 Play 2 Coin 1 Play 1 Coin 2 Play 1 Coin 6 Play				OFF	OFF ON OFF ON	OFF OFF ON ON		
CREDIT Coin− B	1 Coin 1 Play 2 Coin 1 Play 1 Coin 2 Play 1 Coin 6 Play				OFF			OFF ON OFF ON	OFF OFF ON ON
CREDIT Coin− A	1 Coin 1 Play 2 Coin 1 Play 1 Coin 3 Play 1 Coin 4 Play				ON	OFF ON OFF ON	OFF OFF ON ON		
CREDIT Coin− B	1 Coin 1 Play 2 Coin 1 Play 1 Coin 3 Play 1 Coin 4 Play				ON			OFF ON OFF ON	OFF OFF ON ON

⟨DIP SWITCH B⟩

		1	2	3	4	5	6	7	8
Game level setting Normal	Normal Easy Difficult Very Difficult	OFF ON OFF ON	OFF OFF ON ON						
....	....			OFF					
Pause	Normal at Normal				OFF				
Setting of the number of unit by players	3 units 4 units 5 units 7 units					OFF ON OFF ON	OFF OFF ON ON		
Demonstration sound	ON OFF							OFF ON	
....	....								OFF

●Instuction of the PC Board

(1) Selection Stereo or Monaural, and Connection

◇To connect to the Cabinet in Monaural mode, connect the jumper to the Monaural side (see sketch of the PC Board)

◇To connect to the Cabinet in Stereo mode and its speakers, connect the jumper to the stereo side (see sketch of the PC Board), and connect the speakers (see shetch of the Pc Board).

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(2) PC Board

DIP Switch

B — OFF ON (1 2 3 4 5 6 7 8)

A — OFF ON

Sound Volume Control
∗ Set the volume a little higher
(see operation precautions)

Increase

External speaker output

○ ○ ○ ○
(+) (−) (−) (+)
L L R R

| ○━○ ○ | JAMMA Connector |
| ○ ○━○ | External Speaker |

Selection of jumper output
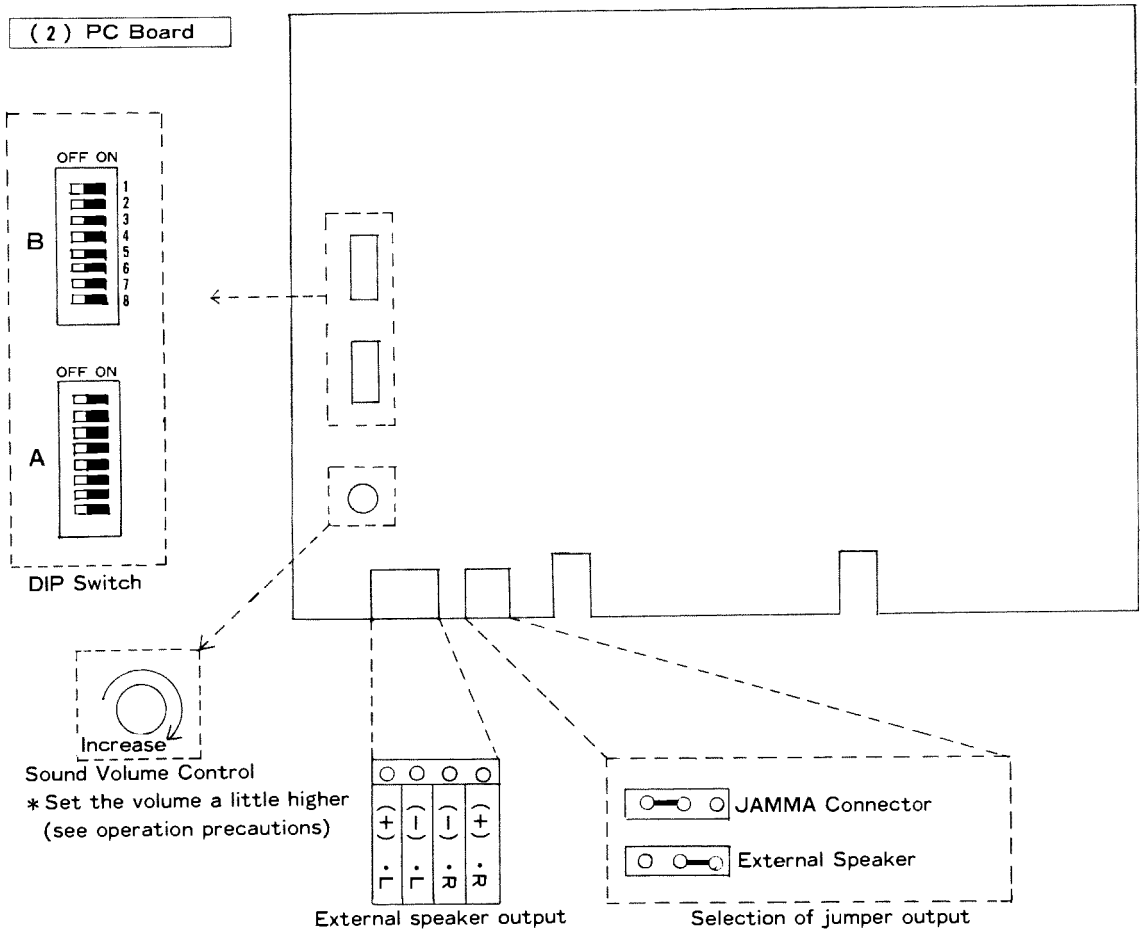
Should the unit be modified without prior approval,
we are not liable for any damage incurred.

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