

MANUAL

CAUTION

- ①This board is equipped with custom CPU and back-up batteries. Removing the custom CPU or causing a short in the batteries will result in the board not functioning. This, in turn, will mean machine down-time and repair expenses.
- ②If the machine remains unused for a month or longer, the back-up batteries will be drained of power and the board will not operate.
- 3 Parts of the wiring in the cabinet can cause interference to the service switch sensitivity to the coin chute. In such cases, use the machine without the service switch circuit.



OLAYOUT

OCRT Monitor

Horizontal Screen

OControl Panel







Paddle Controller



Horizontal 2-Player Control Panel

**Please layout the shot button to the left of the paddle controller for good playability.

OHow to play

• Paddle Controller

used to move the paddle left and right

· Shot button

used to shoot a ball or to skip the demo

sequence

OMaximum number of credit is 9

TEST SWITCH

This board uses a different set up from the former DIP SW system for Test Programming, Difficulty Levels, etc. The process is carried out in a single operation while watching the screen. This is a new system made possible by the Test Switch.

OPERATION OF TEST SWITCH

(TEST MENU)

*GAME ANALYZER
GAME INFORMATION
COLOR TEST
IN & OUTPUT TEST
DOT CROSS HATCH
SOUND & VOICE TEST

- O Turn power switch to ON. Then press the Test Switch located on the board.
- The display pictured at left will appear on the screen.
- Shift the (*) mark on the screen with the paddle controller to select mode. Then press 1P-SHOT button. The respective TEST displays will appear.

NOTICE: Selected mode turns orange.

 Press 1P START and 2P START button simultaneously at each TEST display. The MENU display will appear. If EXIT is chosen at this point, game commences.

GAME ANALYZER

EXIT

O Choose GAME ANALYZER at MENU screen and GAME ANALYZER screen will appear. Detailed income information will be shown.

COIN COUNTER	Total number of the coins			
CREDIT COUNTER	Total number of the credits			
POWER ON TIME	Total operated hours of the board			
GAME COUNT	Total number of game play for 1P and 2P			
GAME TIME	Total hours of game play for 1P and 2P			
AV. TIME	Averaged play time for 1P and 2P			

^{** 1} Blue: Information for NORMAL course Red:: Information for BEGINNER course

^{※ 2} All data will be reset when 1P SHOT and 2P SHOT are pressed simultaneously.

GAME INFORMATION

- OWith MENU displayed on screen, select GAME INFORMATION and GAME INFORMATION screen will appear.
- OVarious settings including DIFFICULTY LEVEL can be changed in this screen. Move (*) mark with the paddle controller to your required item. Then press IP-SHOT button to change the setting.

OWhen the setting is completed, move (*) mark and select EXIT. The MENU screen will appear again.

START	1 COIN 1 CREDIT	1 COIN 2 CREDITS	1 COIN 3 CREDITS	1 COIN 4 CREDITS	1 COIN 6 CREDITS	2 COINS 1 CREDIT	3 COINS 1 CREDIT	4 COINS 1 CREDIT	
CONTINUE	The number of coins required to continue								
CONTINUE COIN	ON:Game starts with 2 COINS and continues with 1 COIN regardless of the setting of "START"				OFF .				
PLAYER	1	2	3	4	5	6	7	8	
FLIP FLOP	ON	OFF				<u> </u>			
LEVEL MODE A	1	2	3	4	5	6	7	8	
LEVEL MODE B	1	2	3	4	5	6	7	8	
LEVELS MODE A: As the number gets bigger, the ball gets faster. MODE B: As the number gets smaller, the paddle gets harder.									
EXTEND	1ST 50000 EVERY 100000		1ST EVER	70000 / 150000	1ST 100000 EVERY 200000		NO EXTEND		
FREE PLAY	ON	OFF						480	
DEMO SOUND	ON	OFF		, , , , , , , , , , , , , , , , , , ,					
CONTINUE	ON	OFF							

Meshed area indicates the factory setting.

OTHER PROGRAMS

OCOLOR TEST

For color adjustment

OIN & OUTPUT TEST

Programs for checking control panel, coin counter, etc.

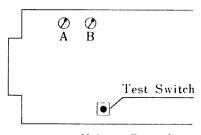
ODOT CROSS HATCH

For H:V ratio adjustment

OSOUND & VOICE TEST

For sound and voice check

●Test Switch Volume Position



A: Total Volume Control

B: Voice Volume Control