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MANUAL

WARNING

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CAPCOM®

19-0019

WARNING

THIS GAME MUST BE GROUNDED. FAILURE TO DO SO MAY RESULT IN DESTRUCTION TO ELECTRONIC COMPONENTS.

WARNING: This equipment generates, uses and can radiate radio frequency energy and if not used in accordance with the instruction manual, may cause interference to radio communication. It has been tested and found to comply with the limits for a CLASS A computing device pursuant to SUBPART J and PART 15 of FCC RULES, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

CAPCOM

INVITES YOU TO USE

**OUR SERVICE NUMBER FOR
SERVICE INFORMATION CONCERNING THIS GAME, OR ANY
OTHER CAPCOM GAME YOU NOW HAVE ON LOCATION.
PLEASE HAVE GAME SERIAL NUMBERS AND CABINET NUMBERS READY.**

**CALL US FOR PROMPT, COURTEOUS
ANSWERS TO YOUR PROBLEMS.**

DIRECT NUMBER 1-800-833-0190

WARRANTY, REPAIR AND RETURN POLICY

LIMITED WARRANTY

CAPCOM warrants only to the initial purchaser of its products that the items listed below are free from defects in material and workmanship under normal use and service for the warranty periods specified:

- | | |
|--------------------------|-----------|
| A. C.P.S. II PCB | 1 Year |
| B. Electronic Components | (90) Days |
| C. Television Monitors | (90) Days |

No other parts of products are warranted.

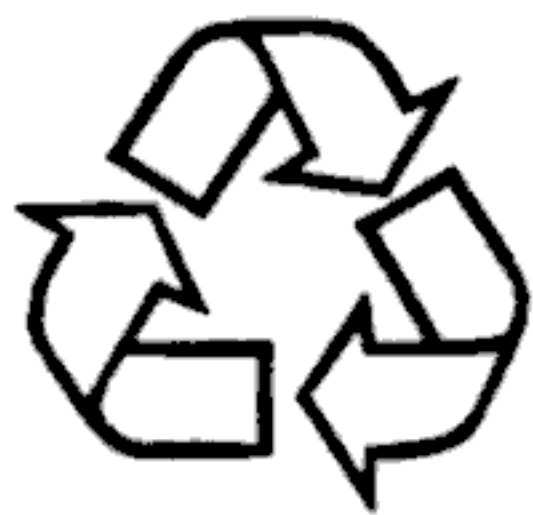
Warranty periods are effective from the initial date of shipment from CAPCOM to its authorized distributors.

This warranty does not apply to any parts damaged during shipping or handling, or due to improper installation or usage or alternation. CAPCOM disclaims any warranties not provided herein, including any warranties of merchantability or fitness for a particular purpose. In no event shall CAPCOM be liable for any anticipated profits, loss of profits, loss of use, incidental or consequential damages or any other losses incurred by the customer in connection with the purchase of CAPCOM products.

CAUTION

In order to keep the PCB functioning properly, please follow the instructions below.

- Do not block the ventilation slots.
- Do not drop or bump the board.
- Do not spill any liquids on the case.
- Do not disassemble the case.



Ni-cd

ATTENTION

The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste system. Check with your local solid waste official for details in your area for recycling options or proper disposal.

DISASSEMBLING THE CASE OR REMOVING THE STICKER MAY CAUSE THE TERMINATION OF YOUR REPAIR WARRANTY.

PARTS LIST

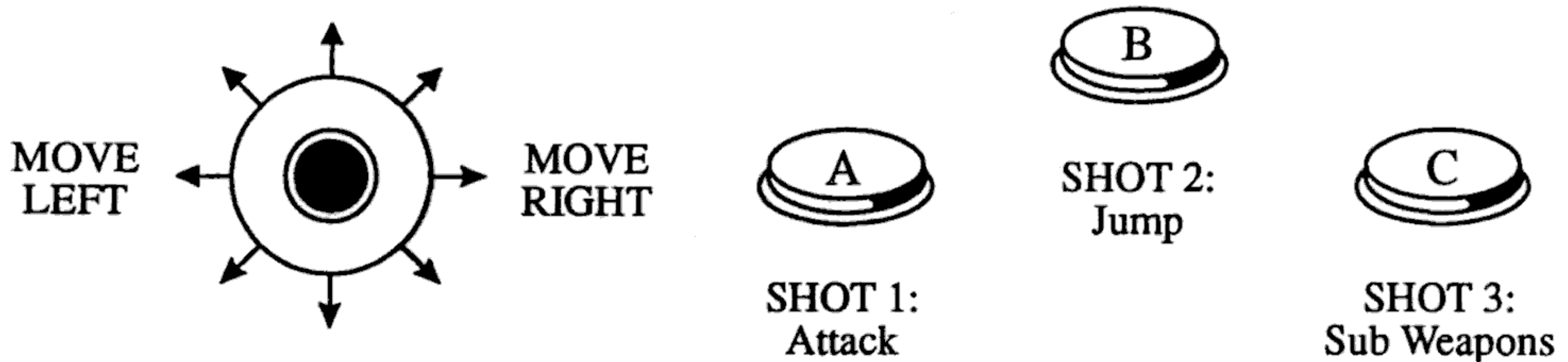
The following is the parts list for the Armored Warrior "B" Kit. This kit is for any game that already uses the CPS II board (Super Street Fighter II, Dark Stalkers, Dungeons & Dragons, etc.). This kit includes the "B" board and all necessary graphics. You just remove the top cartridge off the motherboard and replace with the new cartridge.

AR1000B Armored Warrior B Kit

Part No.	Description	Qty.
AR1400	Armored Warrior "B" PCB	1
06-0124	Armored Warrior Marquee	1
06-0125	Armored Warrior Instructions	1
06-0074	Blue Marble Control Panel Overlay	1
19-0019	Armored Warrior Manual	1

CONTROL LOCATIONS

1. SAMPLE CONTROL PANEL LAYOUT



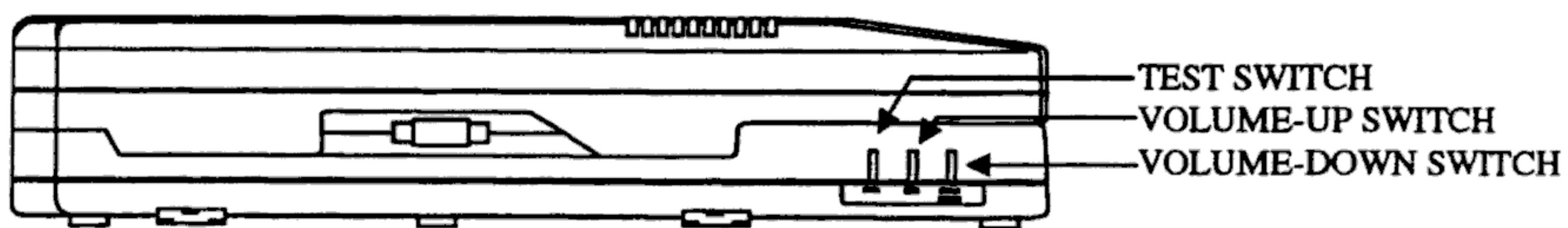
2. VOLUME AND TEST CONTROL SWITCHES ON BOARD

Volume Control

The volume control of this unit can be adjusted by pressing the volume-up switch and the volume-down switch. **The setting you have selected will be stored even if the power is turned off.** In the event that the volume setting does not work properly, press down on either the volume-up or the volume down button for **at least five seconds, then set the volume again.**

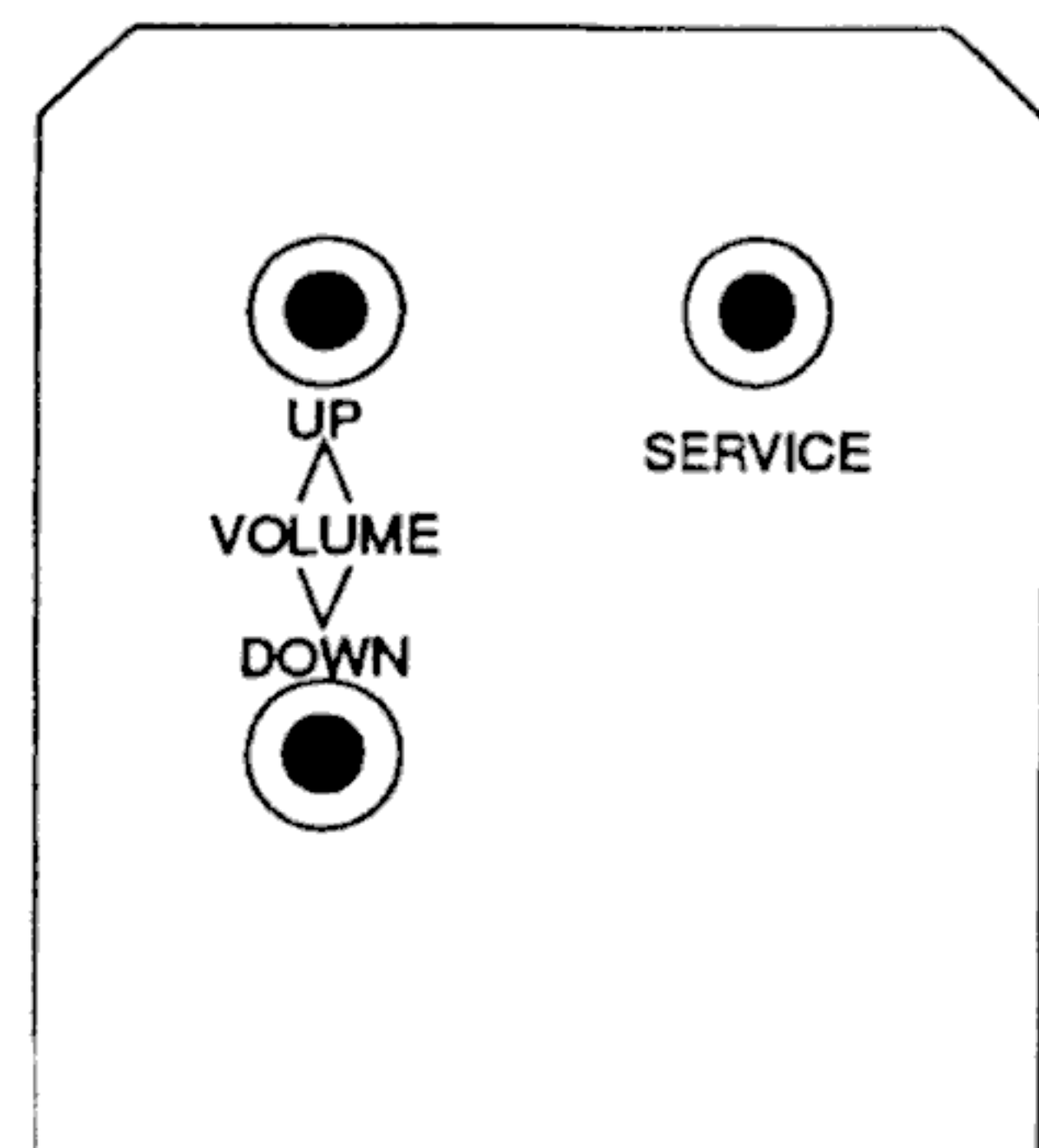
Test Switch

The test switch allows you to enter Test Mode. In Test Mode you can test game memory, input devices such as buttons and joysticks, and sound. You may adjust video components. It also allows you to change game configuration settings such as credits, difficulty, etc.



Volume and Test Control Bracket

On Capcom cabinets a volume and test bracket is located behind the coin door. The buttons on this bracket are the same as the buttons on the PCB case. The buttons are connected to the PCB via the 34 pin option connector. Refer to the CONNECTIONS section later in the manual.



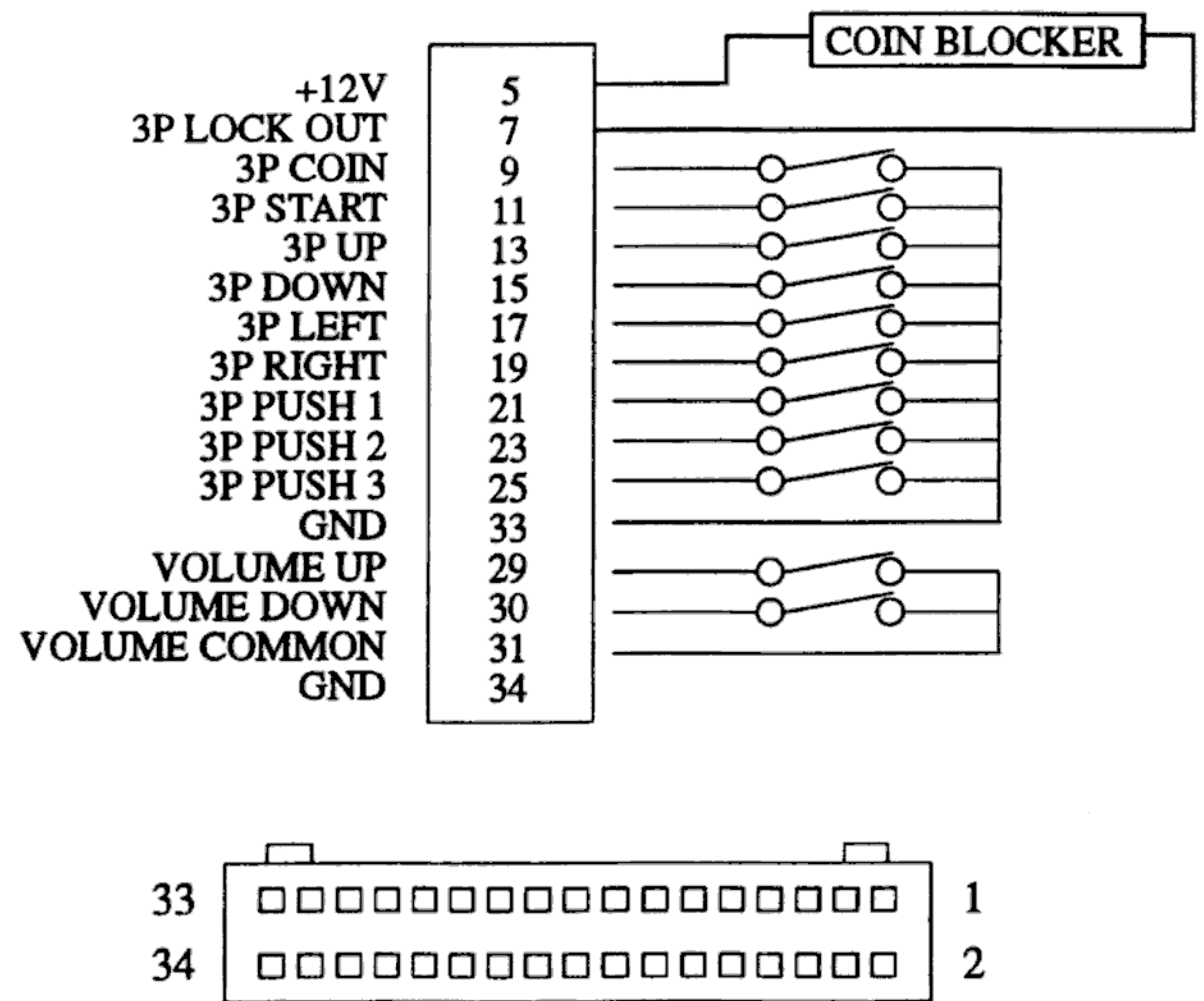
CONNECTORS

- **JAMMA:** JAMMA 56-pin connector
- **I/O EXTENSION:** Kick Interface and Volume Control
- **AUDIO OUT:** Used only for CAPCOM QSOUND cabinet

JAMMA CONNECTOR

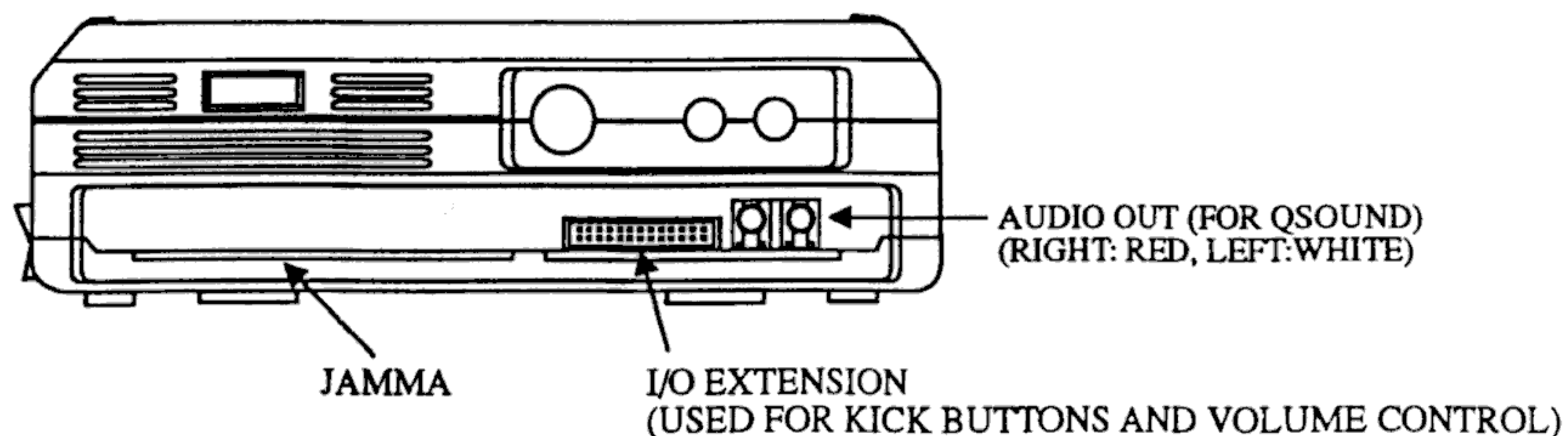
SOLDER SIDE				COMPONENT SIDE
GND	A	1	GND	GND
GND	B	2	GND	GND
+5V	C	3	+5V	+5V
+5V	D	4	+5V	+5V
N.C.	E	5	N.C.	N.C.
+12V	F	6	+12V	+12V
	H	7		
N.C.	J	8	COUNTER 1	COUNTER 1
LOCK OUT 2	K	9	LOCK OUT 1	LOCK OUT 1
SPEAKER (-)	L	10	SPEAKER (+)	SPEAKER (+)
N.C.	M	11	N.C.	N.C.
VIDEO GREEN	N	12	VIDEO RED	VIDEO RED
VIDEO SYNC	P	13	VIDEO BLUE	VIDEO BLUE
FREE CREDIT	R	14	VIDEO GND	VIDEO GND
N.C.	S	15	DIAGNOSTICS	DIAGNOSTICS
2P COIN	T	16	1P COIN	1P COIN
2P START	U	17	1P START	1P START
2P UP	V	18	1P UP	1P UP
2P DOWN	W	19	1P DOWN	1P DOWN
2P LEFT	X	20	1P LEFT	1P LEFT
2P RIGHT	Y	21	1P RIGHT	1P RIGHT
2P SHOT 1 (ATTACK)	Z	22	1P SHOT 1 (ATTACK)	1P SHOT 1 (ATTACK)
2P SHOT 2 (JUMP)	a	23	1P SHOT 2 (JUMP)	1P SHOT 2 (JUMP)
2P SHOT 3 (WEAPONS)	b	24	1P SHOT 3 (WEAPONS)	1P SHOT 3 (WEAPONS)
N.C.	c	25	N.C.	N.C.
N.C.	d	26	N.C.	N.C.
GND	e	27	GND	GND
GND	f	28	GND	GND

I/O EXTENSION CONNECTOR



Ignore the three player information in drawing above for I/O Extension Connector if you are installing this game into a two player cabinet.

CONNECTOR LOCATIONS

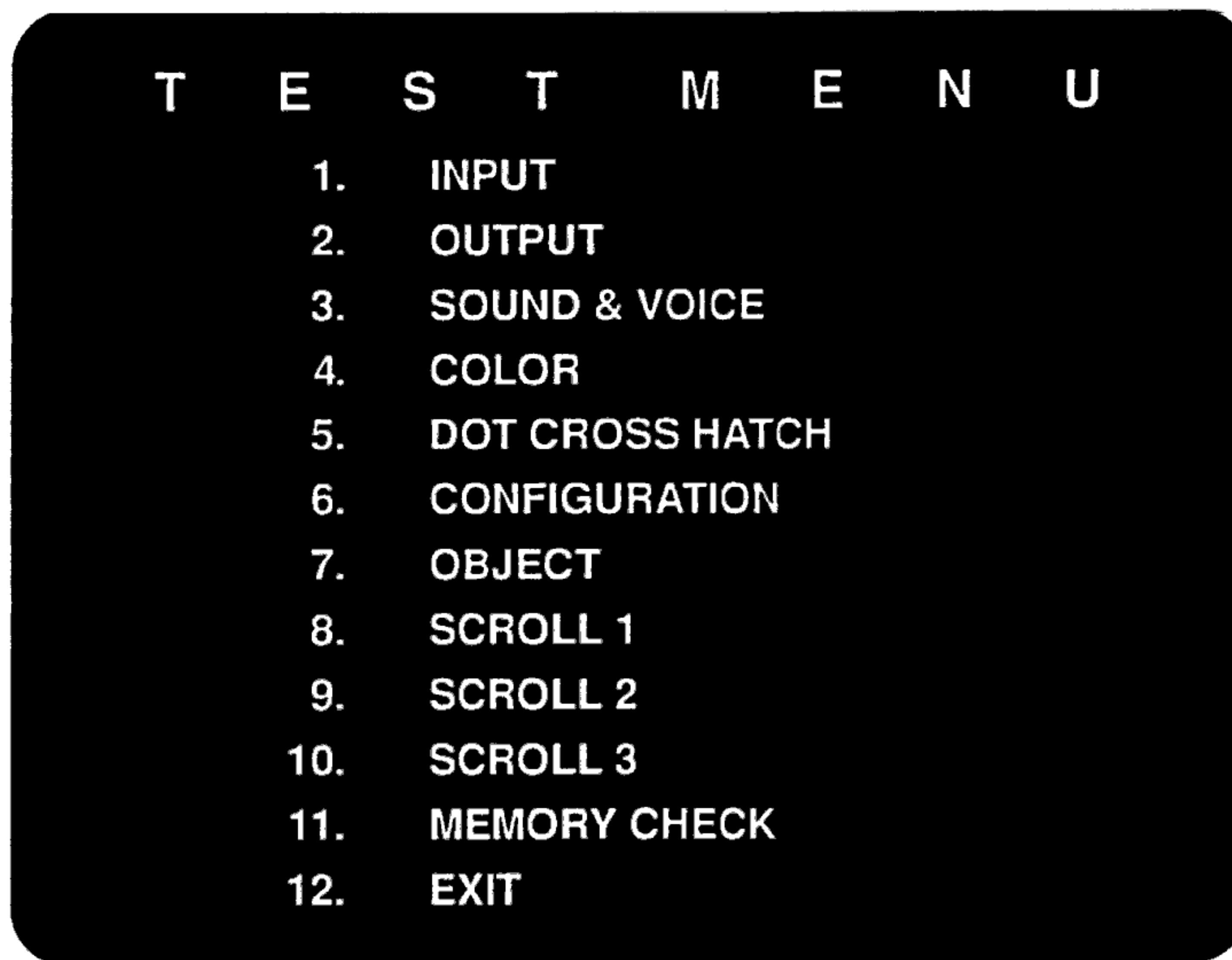


TEST MENU

The test menu allows you to test the functions and configure the game. These items include input devices such as joysticks, buttons and coin mechs, output devices such as monitor, speakers and meters. Through the Test Menu you can also access the Configuration Menu, where you can change the settings of the game.

1. ACCESSING THE TEST MENU

- **For a CAPCOM cabinet, or a cabinet equipped with a test switch:**
Make sure the game is on and push the test switch. The screen shown below will appear.
- **For a cabinet without a test switch:**
Push the test switch on the side of the blue plastic game casing. Refer to the Controls Section of the manual.



2. HOW TO SELECT AN ITEM

- Use the Player 1 Joystick to Move the arrow in front of the desired item and press the Player 1 ATTACK button.
- To return to the test menu, push the Player 1 Start and Player 2 Start Buttons simultaneously.
The test menu automatically appears:
 - After you exit the "6. CONFIGURATION".
 - After the memory is tested from the menu, "11. MEMORY CHECK".

3. CLOSING THE TEST MENU

To close the Test Menu, highlight "12. EXIT" and push the Player 1 ATTACK button.

4. TEST MENU ITEM DESCRIPTIONS

1. INPUT	Used to test all the input switches. "1" appears when the switches are depressed. Check connections and switches in case "0" appears when switches are depressed.
2. OUTPUT	Use to test the counter and the coin lock.
3. QSOUND	Select a code of SOUND or VOICE with the Player 1 Joystick. Push the Player 1 ATTACK button to hear the sound of the selected code, then adjust the volume.
4. COLOR	Shows color bars of red, green, blue and white. Adjust RGB and brightness to obtain the optimum color balance and solid black background.
5. DOT CROSS HATCH	Used to test the screen size, focus and distortion.
6. CONFIGURATION	Used to change the game play settings. Refer to the CONFIGURATION MENU section.
7, 8, 9, 10	These four menu choices are not used.
11. MEMORY TEST	Used to test memory. "OK" appears when each block of memory passes test "ERROR" appears in case of malfunction. If "ERROR" appear, repeat the memory test. Contact your distributor if "ERROR" still appears.
12. EXIT	Select this item and push the Player 1 A (Shoot) button to return to game play mode.

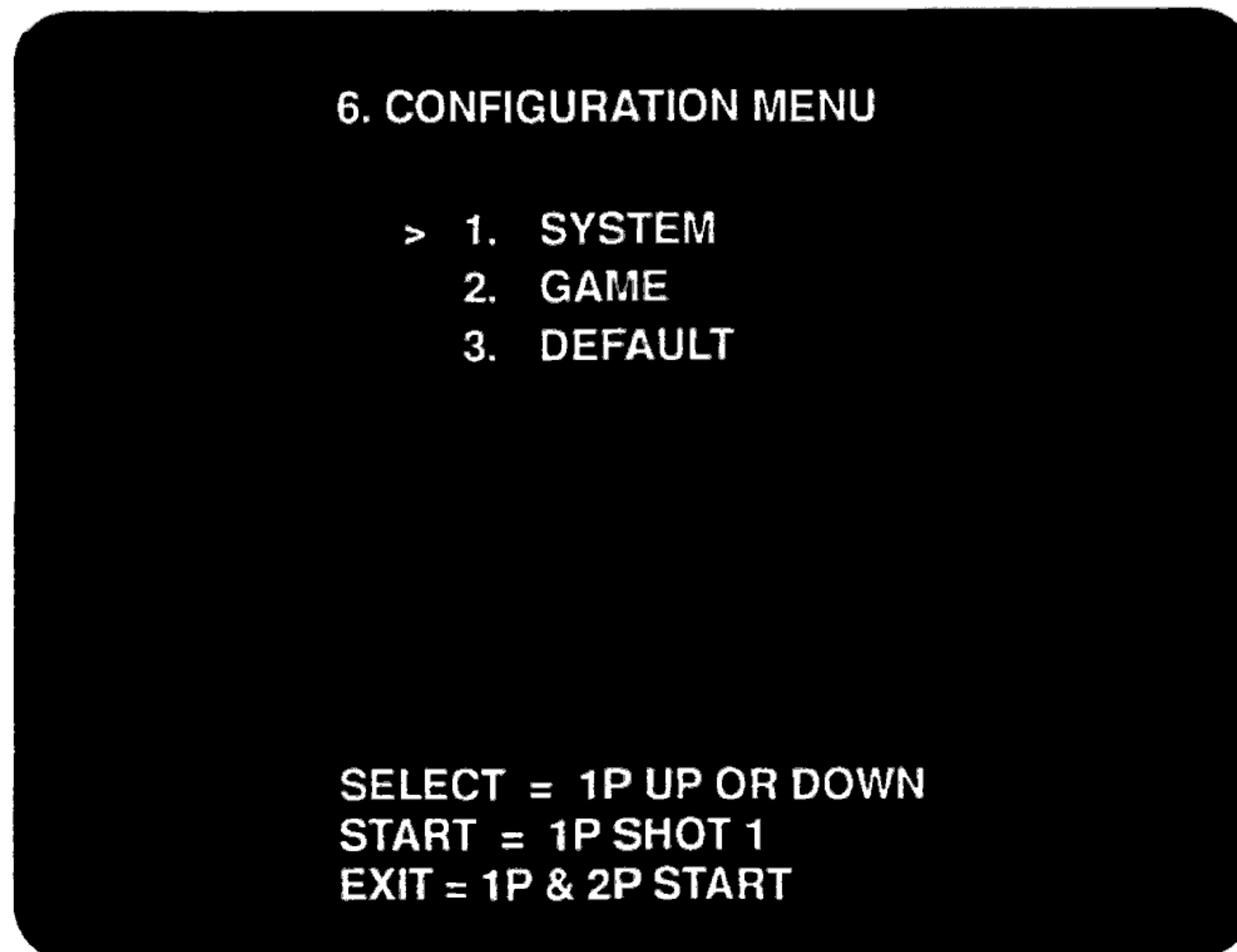
CONFIGURATION MENUS

The Configuration Menu is used to change various game settings such as level of difficulty, credits, sound configuration, etc. These settings are stored in memory on the PCB rather than DIP switches. To change configuration settings you must enter test mode and then access the Configuration Menu.

The Configuration Menu is divided into 2 sections. System Configuration, where you can change system changes such as credits, sound, and coin mech configuration. In the Game Configuration Menu you can change game play, such as difficulty level and game duration.

1. TO ACCESS CONFIGURATION MENU

- From the Test Menu, move the arrow to "6. CONFIGURATION" and push the Player 1 LIGHT PUNCH button. The screen below will be displayed. A description of each option is discussed in the table below.



SYSTEM	Use this screen to change system configuration such as credits, monitor flip, sound and coin mech configuration.
GAME	Use this screen to change difficulty level, player lives and extend mode.
DEFAULT	Use this to return configuration to factory settings. To insure that settings are not defaulted by accident the Player 1 Attack and Jump buttons must be pressed at the same time.

To access the System or Game Configuration Menus from the Configuration, move the arrow with the joystick until it is to the left of the desired menu and press the Player 1 Attack button. Below are samples of the System and Game Configuration Menus.

SYSTEM CONFIGURATION MENU

6-1 SYSTEM CONFIGURATION

> 1. COIN	1 COINS 1 CREDIT
2. CONTINUE	ON
3. MONITOR FLIP	NORMAL
4. DEMO SOUND	OFF
5. SOUND MODE	STEREO (QSOUND)
6. PLAY MODE	3 PLAYERS 3 CHUTES MULTI
7. EXIT	

SELECT OPTION = 1P UP OR DOWN
MODIFY SETTING = 1P LEFT OR RIGHT
= 1P SHOT1 OR SHOT2

GAME CONFIGURATION MENU

6-2 GAME CONFIGURATION

> 1. NUMBER OF PLAYERS	START = 2 CONTINUE = 2
2. DIFFICULTY	3 (MED)
3. EXTEND	NOT EXTEND
4. EXIT	

SELECT OPTION = 1P UP OR DOWN
MODIFY SETTING = 1P LEFT OR RIGHT
= 1P SHOT1 OR SHOT2

2. CHANGING THE CONFIGURATION SETTINGS

- Move the Player 1 Joystick UP or DOWN to highlight the desired option. Once the option is highlighted, move the Joystick LEFT or RIGHT, or press the Player 1 Attack button to change the setting. Refer to the 4. Menu Settings section for option settings.

3. SAVING SETTINGS AND CLOSING THE MENU

- Once the configuration settings are changed in either the System or Game Configuration Menus, move the arrow to the EXIT option in each respective menu and press the Player 1 Attack button. This will return you to the Configuration Menu.
- At the Configuration Menu press the Player 1 and Player 2 START buttons at the same time. You will be returned to the Test Menu.
- A message "SAVING NEW CONFIGURATION IN EEPROM" appears while new settings are being saved. It takes one or two seconds to save the new settings. Do not turn off the power switch while saving is in process.
- From the Test Menu move the arrow to **12. EXIT** and press the Player 1 Attack button. This will return you to game mode.

4. MENU OPTION SETTINGS

System Configuration Menu Settings

COIN	1 COIN 1 CREDIT	1 COIN 2 CREDITS	1 COIN 3 CREDITS	1 COIN 4 CREDITS	1 COIN 5 CREDITS
	1 COIN 6 CREDITS	1 COIN 7 CREDITS	1 COIN 8 CREDITS	1 COIN 9 CREDITS	2 COINS 1 CREDIT
	3 COINS 1 CREDIT	4 COINS 1 CREDIT	5 COINS 1 CREDIT	6 COINS 1 CREDIT	7 COINS 1 CREDIT
	8 COINS 1 CREDIT	9 COINS 1 CREDIT	2 COINS START 1 COIN CONTINUE	FREE PLAY	
CONTINUE	ON		OFF		
MONITOR FLIP	FLIP		NORMAL		
DEMO SOUND	ON		OFF		
SOUND MODE	STEREO (Q SOUND)		MONAURAL		
PLAYER MODE	2 PLAYERS 1 CHUTE SINGLE	2 PLAYERS 2 CHUTES SINGLE	2 PLAYERS 2 CHUTES MULTI	3 PLAYERS 1 CHUTE SINGLE	
	3 PLAYERS 2 CHUTES SINGLE	3 PLAYERS 3 CHUTES SINGLE	3 PLAYERS 3 CHUTES MULTI		

- Factory default settings are in bold face.

Game Configuration Menu Settings

GAME DIFFICULTY	0 EASIEST	1 VERY EASY	2 EASY	3 MEDIUM
	LEVEL 4 MEDIUM HARD	LEVEL 5 HARD	LEVEL 6 VERY HARD	LEVEL 7 HARDEST
EXTEND	NOT EXTEND	ONLY 100000	ONLY 800000	ONLY 1600000
	FIRST 100000 EVERY 800000	FIRST 100000 EVERY 1600000	FIRST 800000 EVERY 800000	FIRST 800000 EVERY 1600000
NUMBER OF PLAYERS	START = 1 CONTINUE = 2	START = 2 CONTINUE = 3	START = 3 CONTINUE = 4	START = 5 CONTINUE = 6
	START = 1 CONTINUE = 1	START = 2 CONTINUE = 2	START = 3 CONTINUE = 3	START = 5 CONTINUE = 5

- Factory default settings are in bold face.
- After you change the setting, make sure to select "EXIT" and push the Player 1 Attack button.
- Choose **STEREO (QSOUND)** if your cabinet is equipped with the Qsound Speaker System, otherwise select **MONAURAL** for proper sound effect.

5. MENU ITEM DESCRIPTIONS

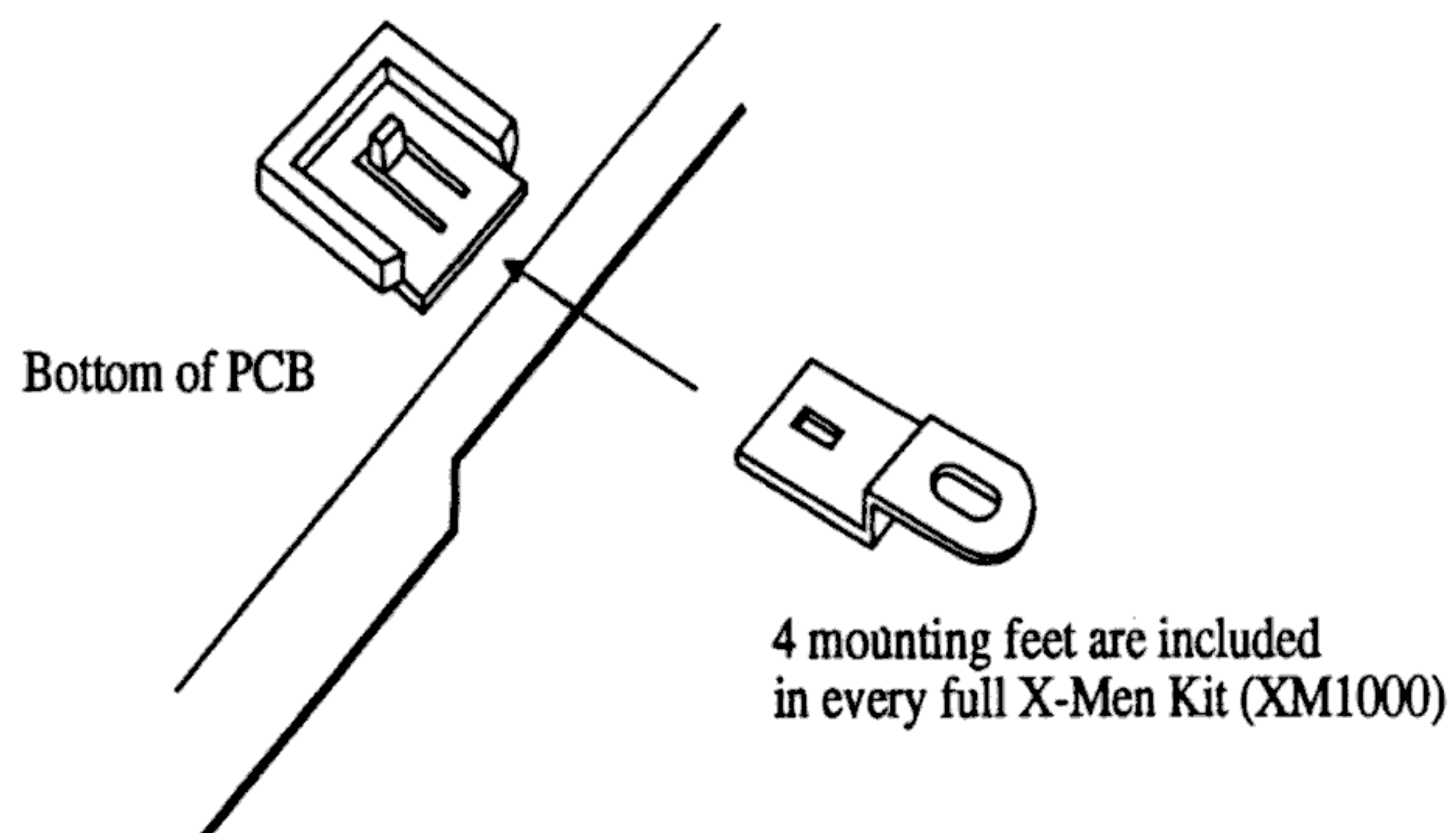
System Configuration Option Descriptions

COIN	Sets the charge per play
CONTINUE	Allows a player to continue playing after he loses. Extra money will need to be added to continue. ON: Continuous play is possible OFF: Continuous play is not possible
MONITOR FLIP	Flips the screen. If the screen appears upside down, change the setting. ON: Upside down NORMAL: Right side up
DEMO SOUND	Turns attract sound on or off.
SOUND	STEREO or MONAURAL . STEREO: with QSOUND MONAURAL: without QSOUND QSOUND is available with CAPCOM QSOUND cabinets only. For other cabinet, please set to MONAURAL
PLAYER MODE	Sets the number of players and coin chutes. SINGLE - Game starts from anywhere the button was pressed (1P, 2P, 3P). MULTI - Game starts only from the place the coin was inserted.
GAME DIFFICULTY	The higher the number, the more difficult the game play.
EXTEND	Extra player setting. <ul style="list-style-type: none">• ONLY MODE: Extra player given only once during game.• EVERY MODE: Extra player given whenever stated number of points are earned.
NUMBER OF PLAYERS	Number of lives.
EXIT	To save the setting changes and return to the TEST MENU, highlight this item and push the PLAYER 1 ATTACK button.

MOUNTING THE PC BOARD

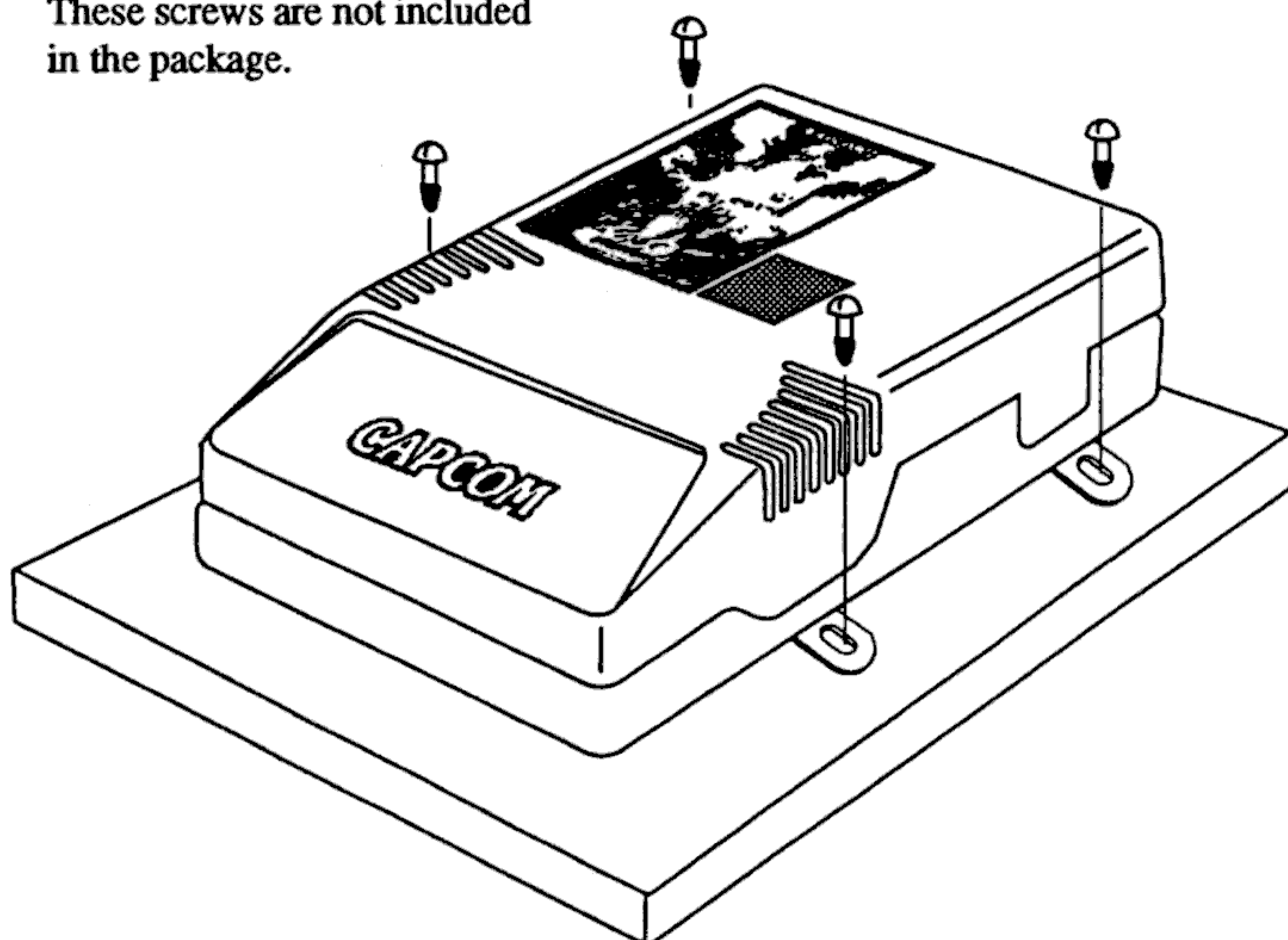
1. INSTALLING THE MOUNTING FEET

- Turn the PCB upside down.
- Slide the 4 feet into place as shown.



2. MOUNTING THE PCB

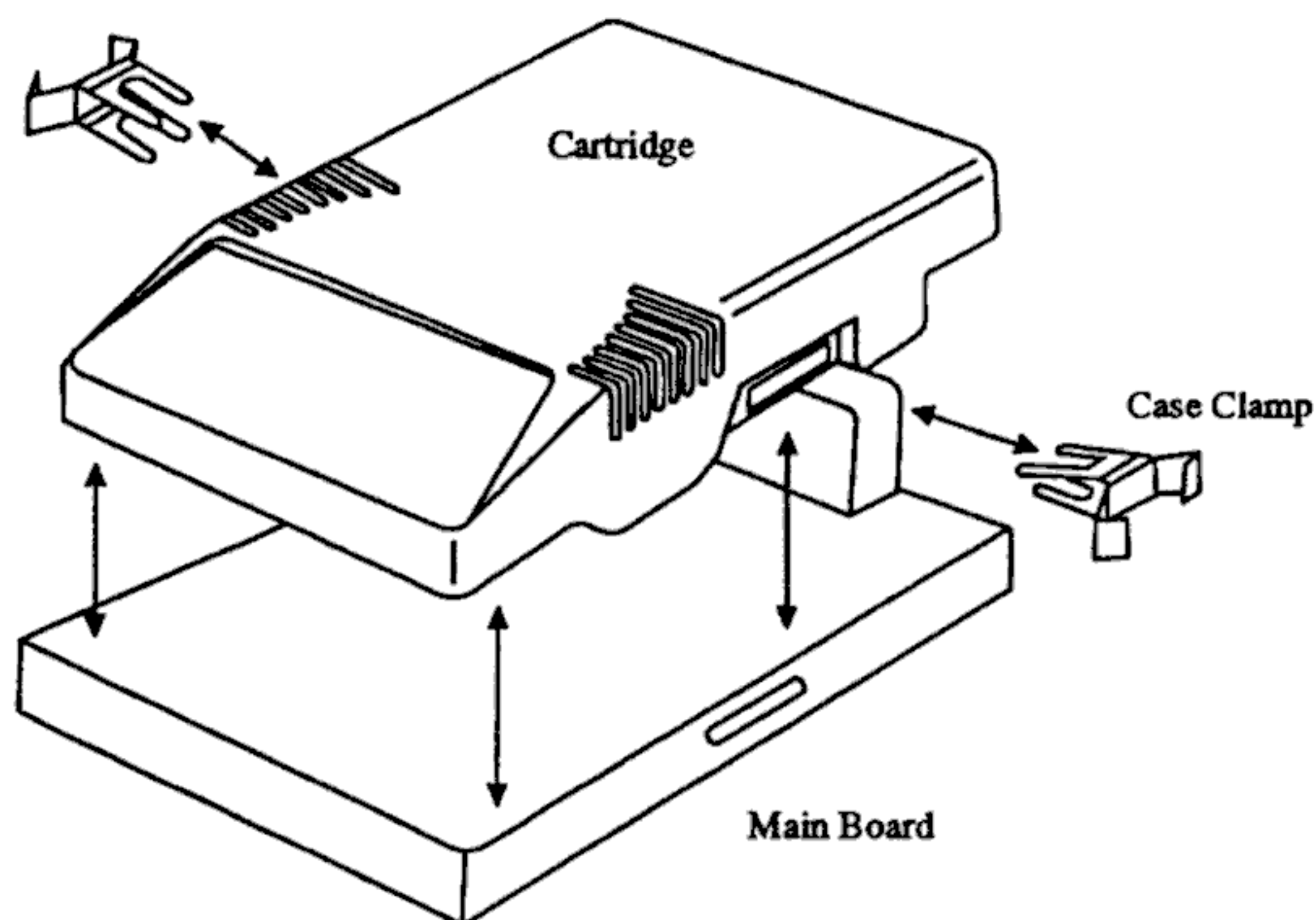
These screws are not included in the package.



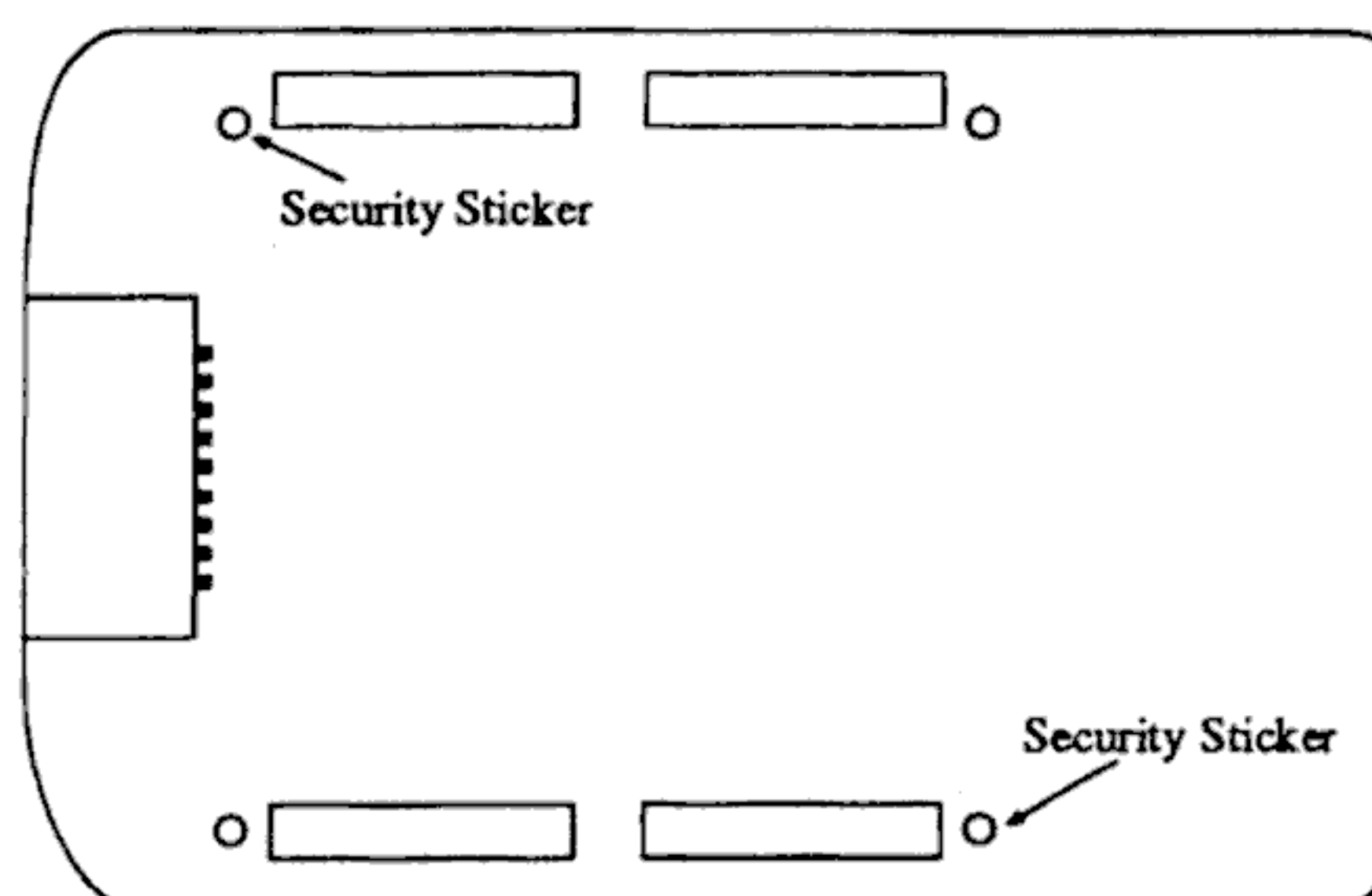
HOW TO REPLACE THE "B" CARTRIDGE

If you purchased a "B" Board Kit you only recieved the upper PCB (B Board). This will allow you to convert the game easily by just seperating the top "B" Board from the bottom "A" Board. It is very important only to seperate the top cartridge from the main board only. **Dissassembling either case will void your warranty.** Follow the instructions below to replace the "B" PCB.

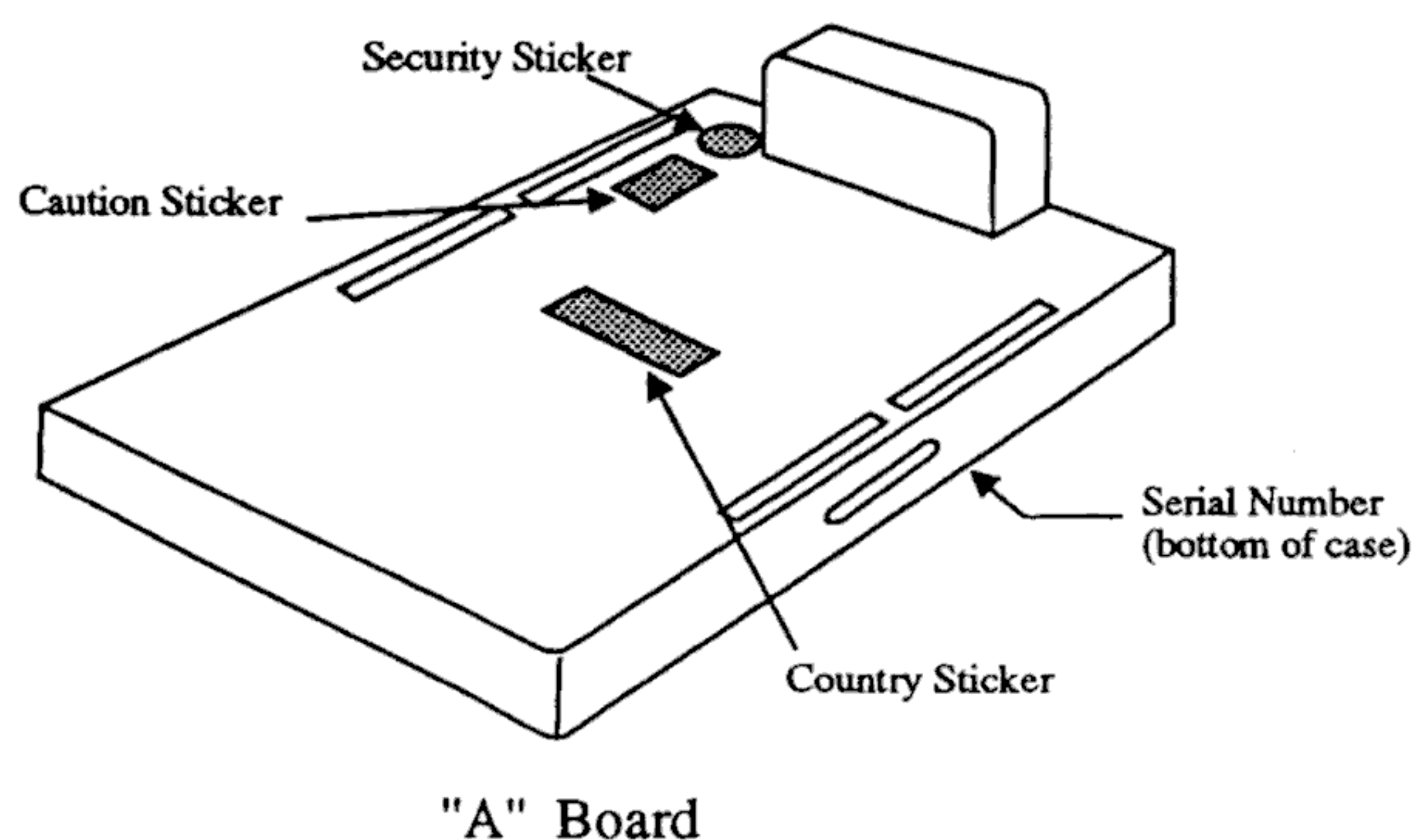
- Remove the 2 case clamps.
- Carefully pull the the "B" cartridge off the "A" cartridge.
- To replace the "B" PCB carefully align the 4 connectors and press the PCB's into place.
- Replace the 2 case clamps.



STICKER DESCRIPTIONS



"B" Board



"A" Board

Disassembling the individual cases or removing the Security Stickers will void your warranty!

CAPCOM®

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Sunnyvale, CA 94086