



© TAITO CORP. 1994



I N S T R U C T I O N M A N U A L

TAITO CORPORATION®

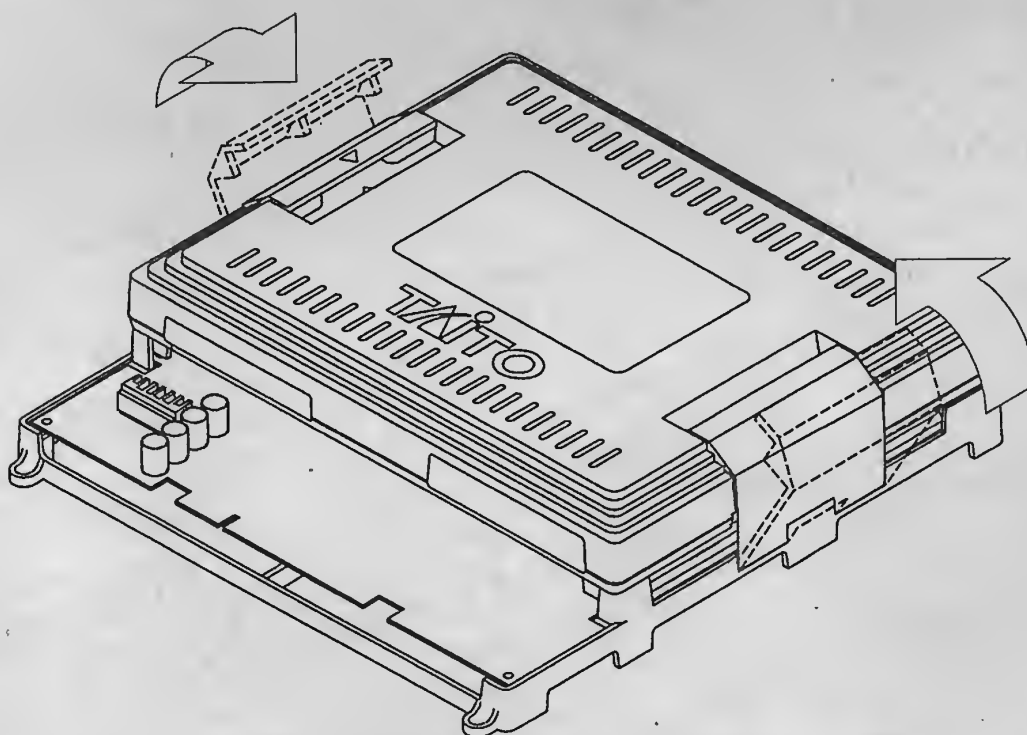
G2500779A

* Cautions

- Prior to executing the alternation work, make sure to turn OFF the power.
- Use a JAMMA standard connector (56 pin edge connector having 3.96 mm pitch) for the edge connector of the mother PC board.
- After turning on the power, adjust the power supplied to the mother PC board that its level becomes the rated voltage at the mother PC board connector section.
- After the modification work, make sure to execute the "factory setting" selection in the test mode. Without executing the "factory setting" selection after exchanging the ROM package, the machine may malfunction.

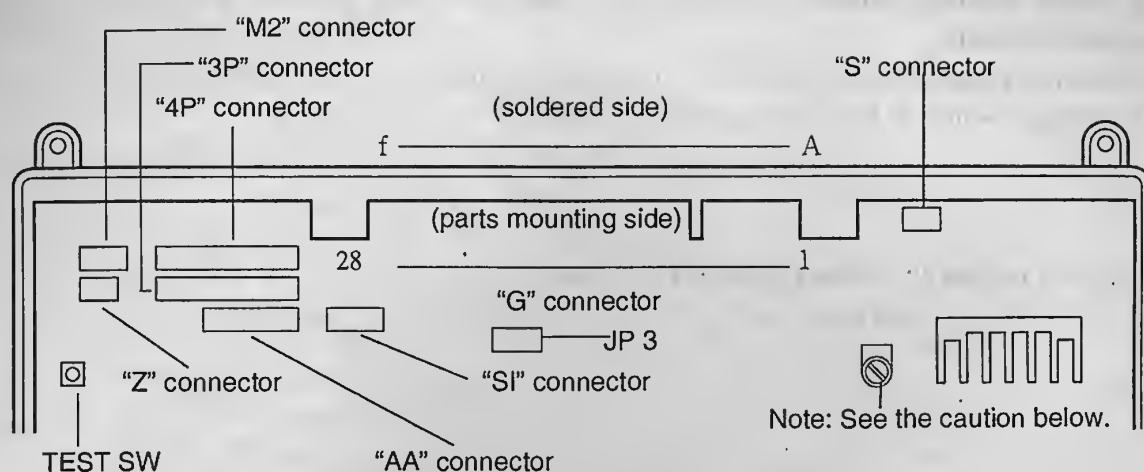
[Connection of mother PC board and ROM PC board]

- Connect the ROM PC board on the mother PC board while referring the figure below.



* Be careful about direction of the ROM PC board.

[Mother PC board]



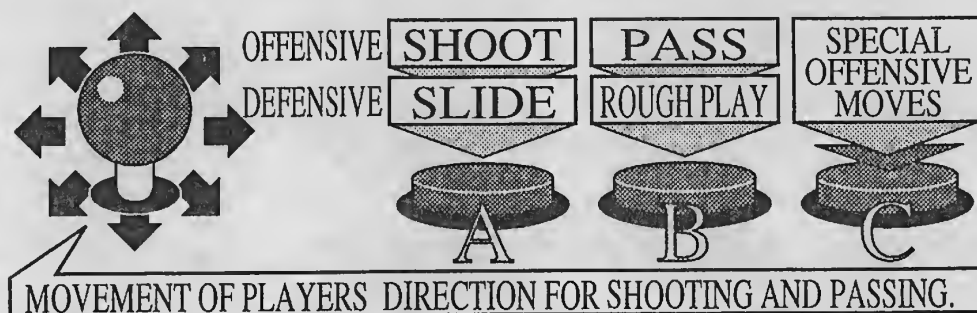
* Set the JP3 to the "JOYSTICK" side.

- This PC board has no dip switches. For selecting play fee and game contents, set at the test mode.

*Caution:

There is a dial on the PC board which is not for volume loudness adjustment. This dial is correctly adjusted at delivery. Never touch it.

[Specifications for the control panel]



[Connector terminal list]

G connector		JAMMA	
GND	1	A	GND
GND	2	B	GND
+5V	3	C	+5V
+5V	4	D	+5V
	5	E	
+12V	6	F	+12V
POST	7	H	POST
METER1	8	J	METER2
LOCKOUT1	9	K	LOCKOUT2
SPEAKER(+)	10	L	SPEAKER(-)
	11	M	
VIDEO R	12	N	VIDEO G
VIDEO B	13	P	SYNC
VIDEO GND	14	R	SERVICE
TEST	15	S	TILT
COIN 1	16	T	COIN 2
SELECT 1	17	U	SELECT 2
1P UP	18	V	2P UP
1P DOWN	19	W	2P DOWN
1P LEFT	20	X	2P LEFT
1P RIGHT	21	Y	2P RIGHT
1P A BUTTON	22	Z	2P A BUTTON
1P B BUTTON	23	a	2P B BUTTON
1P B BUTTON	24	b	2P B BUTTON
	25	c	
	26	d	
GND	27	e	GND
GND	28	f	GND

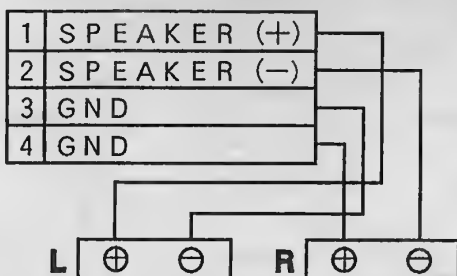
3P-connector	
1	COIN 3
2	3P SELECT
3	3P LEFT
4	3P RIGHT
5	3P UP
6	3P DOWN
7	3P A BUTTON
8	3P B BUTTON
9	3P C BUTTON
10	
11	SERVICE
12	COIN METER 3
13	LOCKOUT 3
14	GND
15	GND

4P-connector	
1	COIN 4
2	4P SELECT
3	4P LEFT
4	4P RIGHT
5	4P UP
6	4P DOWN
7	4P A BUTTON
8	4P B BUTTON
9	4P C BUTTON
10	
11	SERVICE
12	COIN METER 4
13	LOCKOUT 4
14	GND
15	GND

By connecting two speakers to the S connector as shown below, you can get realistic stereo sound.

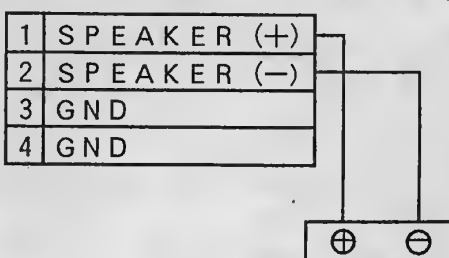
"S" connector

[In the case of applying a stereo system]



"S" connector

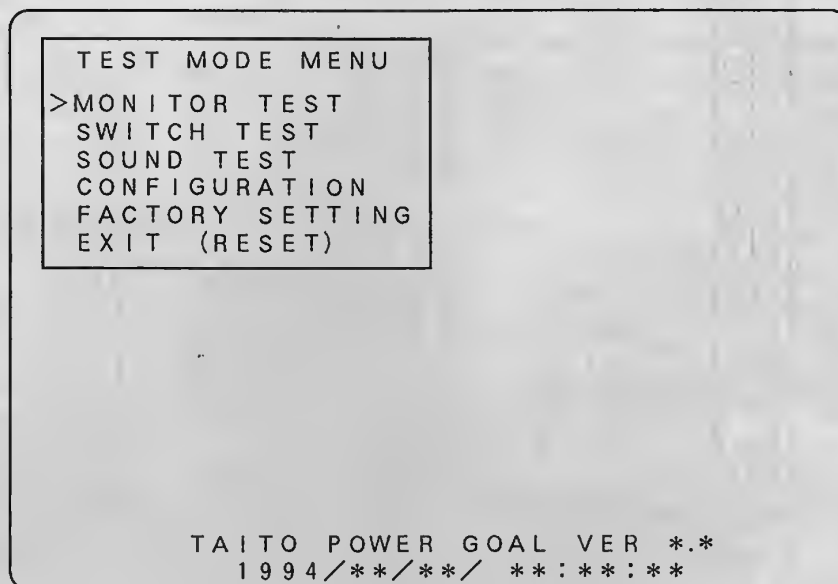
[In the case of applying a monaural system]



[Description of test mode]

[Test mode]

- Press the test switch on the PC mother board (or connect a line of the test switch in the G connector No. 15 with the GND), the game mode halts and the monitor changes to "Test mode."
- When you enter the test mode while having credits, the machine clears the credits.



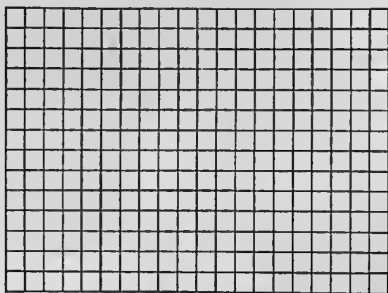
(Test mode main menu)

- Move the cursor vertically by shifting the 1P side lever up and down, and press the A button. The machine initiates the test of the selected item.
- To end the test mode, select "EXIT" on the main menu and press the A button or start button.

[Monitor test]

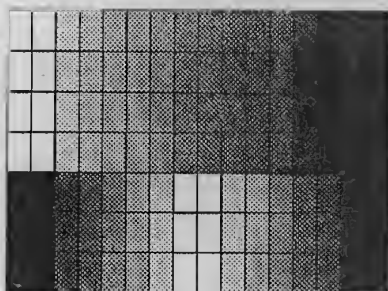
Cross hatch

- Check distortion of image.



Color bar

- Check hue of image.



- Select the monitor test and the cross hatch screen will appear on the monitor.

- Each press of the "A" button changes the display between the cross hatch screen and the color bar screen.

- Press the test switch to return to the main menu.

[Switch test]

- This function checks the input of each switch.

SWITCH				TEST			
COIN-A:OFF		COIN-B:OFF		COIN-A:OFF		COIN-B:OFF	
COIN-C:OFF		COIN-D:OFF		COIN-C:OFF		COIN-D:OFF	
SERVICE 1:OFF		SERVICE 2:OFF		SERVICE 1:OFF		SERVICE 2:OFF	
SERVICE 3:OFF		TILT:OFF		SERVICE 3:OFF		TILT:OFF	
1P-CONT		1P-CONT		1P-CONT		1P-CONT	
SLCT:OFF		SLCT:OFF		SLCT:OFF		SLCT:OFF	
SW 1:OFF		SW 1:OFF		SW 1:OFF		SW 1:OFF	
2:OFF		2:OFF		2:OFF		2:OFF	
3:OFF		3:OFF		3:OFF		3:OFF	
LH U:OFF		LH U:OFF		LH U:OFF		LH U:OFF	
D:OFF		D:OFF		D:OFF		D:OFF	
L:OFF		L:OFF		L:OFF		L:OFF	
R:OFF		R:OFF		R:OFF		R:OFF	
SWITCH A:OFF				SWITCH B:OFF			
PUSH TEST SW TO RETURN MENU							

- Turn ON a switch and when the corresponding display on the screen changes from "OFF" to "ON," the switch is normal.
- Press test switch, the monitor will return to the main menu.

[Sound test]

- This function adjusts the sound level during play of the game.
- Select a required item by shifting the 1P side lever up and down, and change the level by shifting the same lever left and right.
- Press the 1P side A button at the "SOUND CODE item, attractive sound and BGM sound emit for your checking.
- Adjust the sound level with "VOLUME" item.

TEST MODE MENU	
MONITOR TEST	
SWITCH	SOUND TEST
SOUND	>SOUND CODE:00
CONF	VOLUME MIN [] MAX
FACTO	BALANCE L [] R -00
EXIT	EXIT

TAITO POWER GOAL VER *.*
1994/**/**/ **:***:**

- Select "EXIT" and the machine asks whether or not to write the set data as below. If you want to store the data just set, select "YES." If you do not want to change the settings, select "NO." Then press the A button.

TEST MODE MENU	
MONITOR TEST	
SWITCH	SOUND TEST
SOUND	SOUND CODE:00
CONF	VOLUME MIN [] MAX
FACTO	BALANCE L [] R -00
EXIT	EXIT

WRITE TO EE-ROM?
>YES
NO

TAITO POWER GOAL VER *.*
1994/**/**/ **:***:**

[CONFIGURATION]

- This function sets the play fee and game contents.
- Select a required item by shifting the 1P side lever up and down, and change the contents by shifting the same lever left and right.
- * For the contents of the configuration, see the next page.

TEST	CONFIGURATION
MONI	> GAME STYLE :D (2P)
SWIT	MONITOR :NORMAL
SOUN	ATTRACT SOUND:WITH
CONF	DIFFICULTY :NORMAL
FACT	WIN THROUGH :WITHOUT
EXIT	TIMER :1:30
	GK CONTROL :AUTO
	ENTRY MODE :SETTLE
	CHEEERS :WITHOUT
	TEAM EDITOR :WITH
	SPECIAL MENU :WITH
	STREAKING :WITH
	COIN A:1 COIN
	1 CREDIT
	COIN B:1 COIN
	2 CREDIT
	EXIT
TAITO POWER GOAL VER *.*	
1994/**/**/ **:***:**	

- Select "EXIT" and the machine asks whether or not to write the set data as below. If you want to store the data just set, select "YES." If you do not want to change the settings, select "NO." Then press the A button.

TEST	CONFIGURATION
MONI	> GAME STYLE :D (2P)
SWIT	MONITOR :NORMAL
SOUN	ATTRACT SOUND:WITH
CONF	DIFFICULTY :NORMAL
FACT	WIN THROUGH :WITHOUT
EXIT	TIMER :1:30
	GK CONTROL :AUTO
	ENTRY MODE :SETTLE
	CHEEERS :WITHOUT
	TEAM EDITOR :WITH
	SPECIAL MENU :WITH
	STREAKING :WITH
	COIN A:1 COIN
	1 CREDIT
	COIN B:1 COIN
	2 CREDIT
	EXIT
WRITE TO EE-ROM? T	
>YES T	
NO	
TAITO POWER GOAL VER *.*	
1994/**/**/ **:***:**	

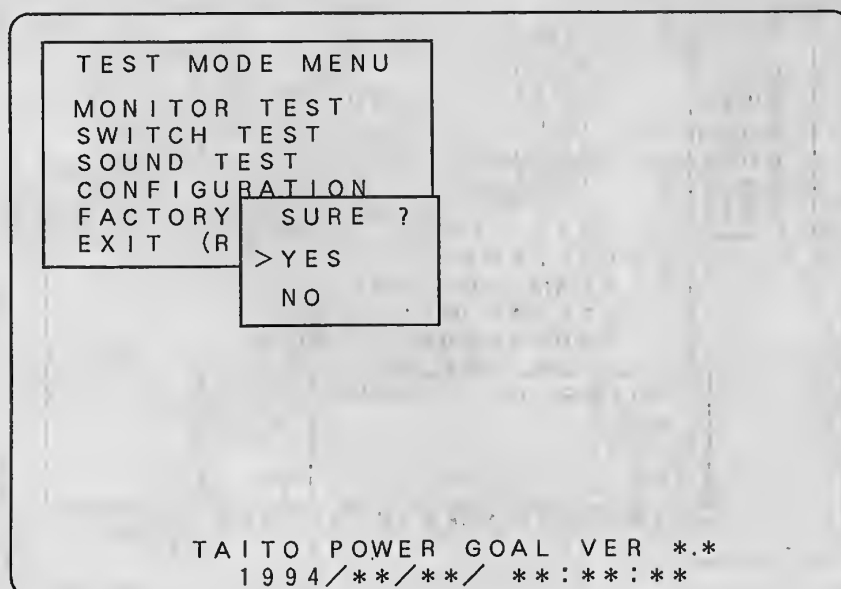
[Configuration list]

* Factory setting

GAME STYLE	*D (2P)	G (4P 4SLOT)
	E (1P)	H (4P 2SLOT)
	F (2P+2P)	
MONITOR	*NORMAL	INVERT
DIFFICULTY	EASY	HARD
	*NORMAL	VARY HARD
WIN THROUGH The setting for a continuation play in the VS-GAME	WITH The winner can play continuation play	*WITH OUT The game for the both player is over
TIMER	*1:30	2:00
	2:30	3:00
GK CONTROL	*AUTO	MANUAL
ENTRY MODE The setting for the number of plays who can join a team	*SETTLE Up to 2 players can join a team	FREE Up to 4 players can join a team
CHEERS	WITH	*WITH OUT
TEAM EDITOR	*WITH	WITH OUT
SPECIAL MENU	*WITH	WITH OUT
STREAKING	*WITH	WITH OUT
COIN A		COIN B
*1 COIN	*1 CREDIT	*1 COIN 1 CREDIT
2 COINS	2 CREDITS	2 COINS *2 CREDITS
3 COINS	3 CREDITS	3 COINS 3 CREDITS
4 COINS	4 CREDITS	4 COINS 4 CREDITS
	5 CREDITS	5 CREDITS
	6 CREDITS	6 CREDITS

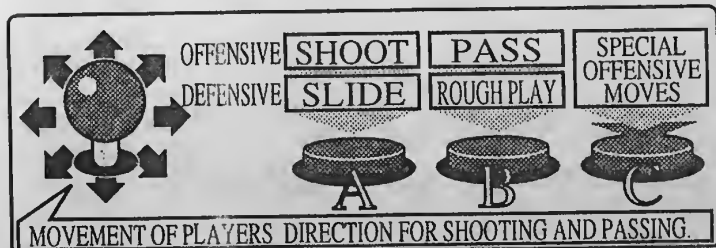
[Factory setting]

- This function sets all the settings to the factory setting conditions.

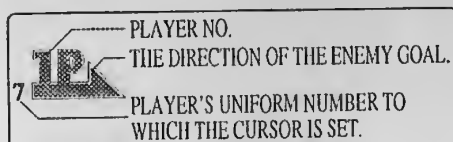


- If you want to set all the settings to the factory set conditions, select "YES." If you do not want to change the current settings, select "NO." Then press the 1P side A button.
- When you have replaced ROMs with other versions, make sure to execute the "factory setting" selection.

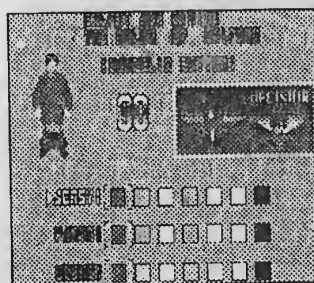
VS.PLAY&TEAM-UP PLAY.AVAILABLE!



ROUGH PLAY
PRESS THE B-BUTTON WHEN
THE PLAYER KEEPS NO BALL.



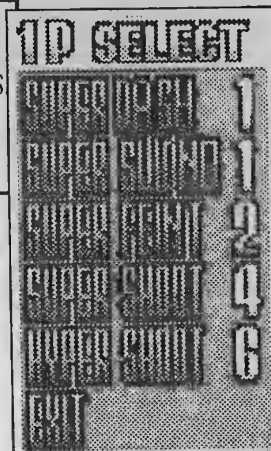
USE TO SELECT &
EXECUTE SPECIAL
OFFENSIVE MOVES



NEW FUNCTION: TEAM EDITOR!

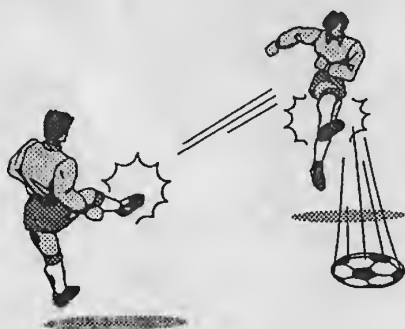
WHEN CLEARING 2 ROUNDS, UNIFORM
COLORS CAN BE FREELY SET!

WHEN YOU WON AGAINST THE CHAMPION TEAM
BY USING YOUR OWN ORIGINAL TEAM, YOUR TEAM
WILL BE REGISTERED AS A NEW CHAMPION TEAM.



SUCCESSIVE PASSES

Send passes by keeping the A- or B-button pressed.



PASS TECHNIQUE

By using the joystick, passes can be curved!

Long passes are made by keeping
the button pressed long.

Short passes are made by keeping
the button pressed short.



VORSICHTSMASSNAHMEN ZUR HANDHABUNG

Dieses Produkt beinhaltet Präzisionselektronik-Komponenten.
Behandeln Sie diesen Behälter mit äußerster Sorgfalt.

1. Vermeiden Sie die Benutzung und Aufbewahrung dieses Behälters in der Nähe von Gegenständen oder Komponenten die eine hohe Wärmeabstrahlung haben.
2. Lassen Sie den Behälter nicht fallen und rütteln Sie nicht an ihm.
3. Halten Sie das Innere des Behälters trocken und frei von fremdartigen Gegenständen.
4. Blockieren Sie die Ventilatoren nicht.
5. Folgen Sie beim Austausch von Patronen den Beschreibungen in der Bedienungsanleitung.
6. Versuchen Sie nicht, die Patrone zu zerlegen, da sämtliche Garantien erlöschen, wenn die Patrone zerlegt und der Siegel nicht mehr unversehrt ist.

PRECAUTIONS DE MANIPULATION

Ce produit contient des composants électroniques de précision.
Faites particulièrement attention lorsque vous manipulez ce conteneur.

1. Evitez d'utiliser ou de ranger la boîte près d'objets ou de composants à hautes températures.
2. Ne pas laisser tomber ou secouer.
3. Préservez l'intérieur du conteneur de l'humidité et des corps étrangers.
4. Ne pas bloquer les ventilateurs.
5. Lors du remplacement des cartouches, suivez la procédure de fonctionnement du manuel d'instructions.
6. N'essayez pas de démonter la cartouche. Si elle est démontée ou si le scellement est cassé toutes les garanties seront nulles et sans effet.

PRECAUCIONES

Este producto contiene componentes electrónicos de precisión.
Tenga mucho cuidado al manipular este recipiente.

1. Evite usar o almacenar la caja cerca de objetos o componentes de alta temperatura.
2. No deje caer ni sacuda el recipiente.
3. Mantenga el interior del recipiente libre de humedad y de materias extrañas.
4. No bloquee los ventiladores.
5. Para reemplazar el cartucho, siga el procedimiento descrito en el manual de instrucciones.
6. No intente desarmar el cartucho. Todas las garantías quedarán nulas si el cartucho es desarmado o si el sello es roto.

PRECAUZIONI SULL'USO

Questo prodotto contiene dei componenti elettronici ad alta precisione. Maneggiate quest'unità con molta attenzione.

1. Evitate di usare o riporre la custodia nelle vicinanze di oggetti o componenti che generano alte temperature.
2. Fate attenzione a non far cadere o esporre l'unità ad urti.
3. Assicuratevi di mantenere sempre la parte interna della custodia priva di umidità di oggetti estranei.
4. Non bloccate i fori di ventilazione.
5. Alla sostituzione delle cartucce, seguite le istruzioni fornite nel manuale dell'unità.
6. Non cercate mai di smontare la cartuccia. Nel caso in cui venisse smontata oppure se il sigillo fosse spezzato, la garanzia non sarà più valida.

操作注意事項

本產品配有精密電子元件。操作和護理要格外小心。

1. 避免靠近高溫物體或零件使用或存放此盒。
2. 不可跌下或撞擊。
3. 保持盒內乾燥，無外來雜物。
4. 勿堵塞通風孔。
5. 換卡盒時須遵照使用說明書所述步驟操作。
6. 勿拆開卡盒。卡盒一經拆開或封條撕破，一切保用資格也隨着喪失和無效。

취급상의 주의

본 제품은 정밀한 전자부품으로 만들어져 있습니다.

다음과 같은 취급상의 주의 사항을 지켜 주시기 바랍니다.

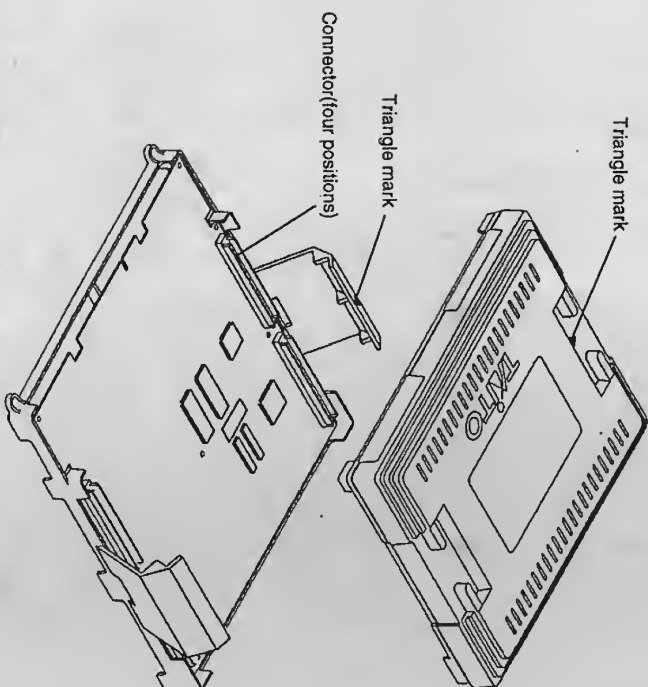
1. 극단적으로 고온인 부품 가까이에서는 사용하지 마십시오.
2. 충격을 가하지 않도록 하여 주십시오.
3. 물이나 이물질이 들어가지 않도록 하여 주십시오.
4. 통풍 구멍이 막히지 않도록 하여 주십시오.
5. 카트리지를 교환할 때는 취급 설명서의 지시에 따라 주십시오.
6. 카트리지를 분해하지 마십시오. 만일 분해한 경우 또는 봉인 실(seal)을 파손시킨 경우, 수리 할 수 없습니다.

TAITO®

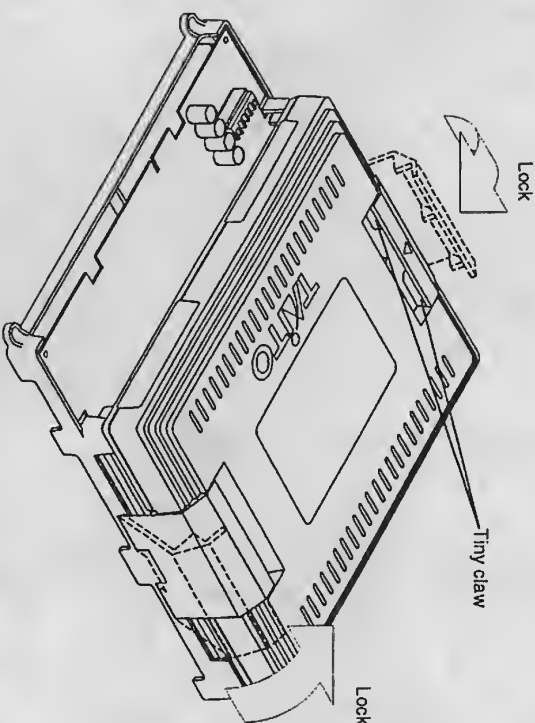
G9500848A

Connection of the mother PC board and ROM PC board

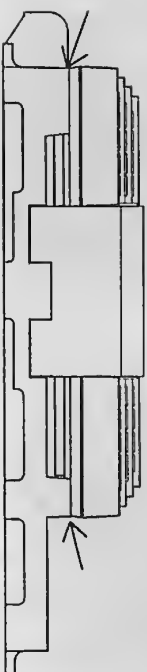
- (1) Match both triangle marks (shown below) of the mother PC board and ROM PC board. Then insert the connector.



- (3) Lock the two fixing holders of the mother PC board on the ROM PC board. Each fixing holder has two tiny claws to lock onto the ROM PC board. Confirm that these claws are appropriately locked by hearing a "click" sound.



- (2) Set the ROM PC board on the mother PC board so that there is no gap at the four corners. (→)



- (4) When taking of the ROM PC board from the mother PC board, follow the reverse procedure of item (1) to (3) above. However, when removing the fixing holders which are locking onto the ROM PC board, take out the claws one by one to release locking. Then follow the procedure of item (1) to (3) above.