
GAME ELF

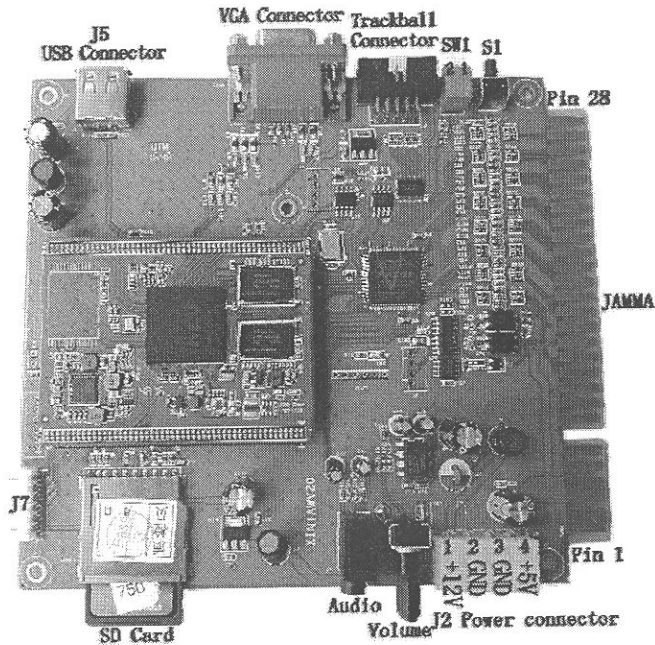
HORIZONTAL
&
VERTICAL

In order to understand the function of this system completely, please have a through reading of this manual

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1、 Connector Instruction:

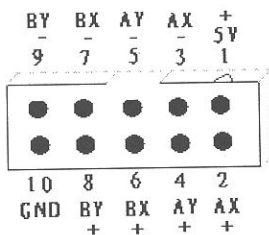


(Figure 1, Game board instruction)

CAUTION: The function of JAMMA connector power and J2 power is same; do not use them together that would destroy game board.

Trackball connection

J6 Trackball Connector



Trackball 6P Connector

- | | | |
|---------------|----|------|
| 1 Black | —— | GND |
| 2 light green | —— | Y + |
| 3 yellow | —— | Y - |
| 4 purple | —— | X - |
| 5 Green | —— | X + |
| 6 Red | —— | + 5V |

Please connect the trackball 1P (A) and 2P (B) to J6 connector accordingly

Remark: The picture of user menu only for reference, any difference, please refers to the products.

XIN1ARMV27 board JP7 connector				
PIN	JP7-1	JP7-4	JP7-5	JP7-6
Definition	GND	V	H	VDD3.3V
Note: JP7-6 is near Iastalling Port				

2. Operation instruction

Connect the game board and switch on the machine power, after the logo of the “GAME ELF” disappear, then enter game list menu as the figure 2.



(Figure 2)

● **Caution:** press 1P C button to check the instruction.

- 1) Press 1P-B to choose horizontal or vertical version game list.(Run type:H and V)
- 2) Insert coins first and select game. (No needs to insert coin for Free play or free browse)
- 3) Select game by moving 1P joystick up or down, and left or right moving is to view game list.
- 4) Press 1P- START button to enter game.
- 5) If **Coin recycling** is set to “No”, after entering the game, all coins

the player insert will be inserted into the game automatically. If **Coin recycling** is set to "Yes", Press 1P START button for 3 to pop up menu, and select "continue" to insert coins.

- 6) All games on Cocktail mode and some games on Upright mode need 2 coins(or more coins) and press 2P-START button first to enable 2 players mode. If **Coin recycling** is setted to "Yes", for these games please press 2P-START to add coins. (about **horizontal version**, see games with " * "in the game list.)
- 6) Press 1P-START button for 3 seconds to pop up menu, and select "exit" to return to the game list (as figure 2). Press 1P-Start for 3 seconds to return directly game list when it's in game loading process.

3. System settings configuration

- Switch on the machine power, when the string "Press TEST button to setup" appear, press TEST or S1 button to enter the system Settings menu (see the below figure 3).

```
Select the item , 1P_START to Enter:  
-> 1. Exit.  
   2. JAMMA I/O Test.  
   3. My Cabinet Type = Upright (Default).  
   4. My Cabinet Type = Cocktail.  
   5. Show Serial Number.  
   6. Service  
   7. Coin Settings.  
   8. Show coins counter.  
   9. Flip Screen
```

(Figure 3)

- Select item by moving 1P joystick down or up and press 1P START to enter.
- Select "Exit" to quit and then enter to the game list (figure 2) .

3.1 JAMMA I/O Test

Check input/output buttons function is ok or no.(It is invalid for family mode.)

* 【TEST】 = 【S1】 * 【SERVICE】 = COIN

3.2 MY Cabinet Type =Upright (Default)

According to the screen display prompts, perform the operation step by step. All game configurations is returned to factory configuration and loaded of Upright mode. Prompt(DEFAULT) will be displayed after a successful Settings. Otherwise please perform again.

3.3 MY Cabinet Type =Cocktail

According to the screen display prompts, perform the operation step by step. All vertical version of games are loaded of Cocktail mode. Prompt(DEFAULT) will be displayed after a successful Settings. Otherwise please perform again.

▲ Horizontal version of the games are not supported on this function.

3.4 Show Serial Number

This serial number is only marked number, we suggest that our customers note this number and be convenient for getting service in future.

3.5 Service

On the system menu (as figure 3), select item "6.Service" to enter the setting menu(as figure 4).

```
Service:
1. Display Mode: CGA(switch 1 on game board)
→ 2. System Mode: Normal play
3. Game Mode : All games
4. Free Browse : ON
5. Stop Timer : OFF
6. Music : OFF
7. Run default : Horizontal
8. Run type : H and V

IP_C -- change.
IP_START --- save settings.
IP_A --- quit.
```

(Figure 4)

- Moving 1P joystick up or down to choose item, then IP-C modify item.
- SW1 switch on game board adjust Display Mode.
- After finishing modification, press IP-Start to save setting(as figure 5),then press IP-A to return system menu(as figure 3). Select "Exit" to exit, the new configuration is valid after system automatically restarts.

```
Saving...
Done.IP_A to continue.
```

(Figure 5)

3.5.1 Display mode

This game board support both VGA and CGA display modes, see the below setting way.

VGA mode (31.5 KHz):Before switching on the machine

power, set BIT1 of SW1 ON and the VGA monitor plug the VGA output connector. It output resolution of 800x600.

CGA mode (15.75 KHz): Before switching on the machine power, set BIT1 of SW1 OFF to use a regular JAMMA cabinet. The VGA port output is invalid .

▲ **In addition:** after the power of game board is on, and during the system starts, please don't switch SW1 on/off. Avoid affecting the normal operation! Thanks!

▲ 3.5.2 System Mode

Edit game list/Game difficult/Lives setting/Game configuration need to enter "Config/Edit Mode". If you don't need to adjust these items, please adjust to "Game Mode (Normal play mode)" for improving system stability.

3.6 Coin Settings

On the system menu (figure 3), select item "7.Coin settings" to enter the games setting menu (figure 6).

```
Coin settings:
->1. Coin Mode      : 1 Coin / 1 Credit
   2. Coin recycling: No
   3. Free play     : No

IP_C --- change.
IP_START --- save settings.
IP_A --- quit.
```

(Figure 6)

- Select items by moving IP joystick down or up, and press IP C to modify the item.

- Press 1P START button after finishing the setting and follow the instruction to save.

① **Coin mode:** to modify the game's coin setting.

② **Coin recycling:** to select Coin recycling to "Yes" or "No".

"Yes": coins not be inserted into game can be returned to the player after quitting the game.

"No": All coins will be inserted into the game.

Remark: in single game mode, please change to "NO" in the coin recycling.

③ **Free play:**

Free play (ON): Play all games for free.

Free play (OFF): Disable for free play.

3.7 Show coins counter

Show the number of coins in the current mode of operation (The function is invalid for Free play mode and home mode).

3.8 Flip screen

Flip screen: Game screen flip 180 degree.

4. Edit game list

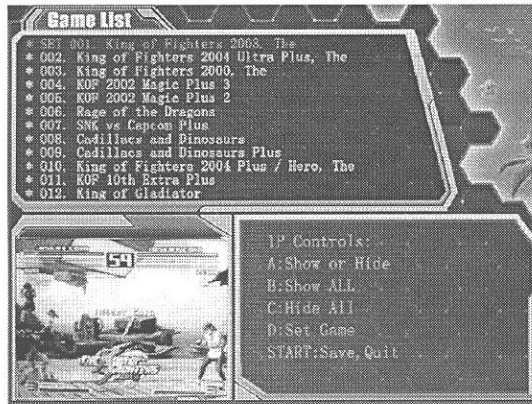
1) Enter Game Settings interface(as figure 4), set System Mode to Config/Edit mode, then save and quit the system setting. Enter the Game edit interface(as figure 7). (On the Config/Edit mode, press TEST or S1 button on the game list menu (figure 2) to enter the below menu also)

1P_A to Enter Submenu

- 1- Exit .
- 2- Edit game list.
- 3- Edit game difficulty

(Figure 7)

2) Moving 1P joystick down or up to select “2-Edit game list” and enter the “edit game list” menu as figure 8.



(Figure8)

- 3) The item “*” means to show game list, no item “*” that means to hide game list.
- Select game list by moving 1P joystick and press button A to decide to show or hide the selected game.
 - Press 1P B button to show all games and 1P C button to hide all.
- 4) After the game list edition is finished, press 1P START button to enter the save menu as figure 9 .Please follow the instruction to save.

Confirm your selection ?

- 1P-A: Save and quit.
- 1P-B: Cancel.
- 1P-C: Quit without saving.

(Figure9)

- 5) After editing the game list, please enter the Game settings again (figure 4), set system mode to “Normal play” mode and save. The game will be started in normal after the system reboot.

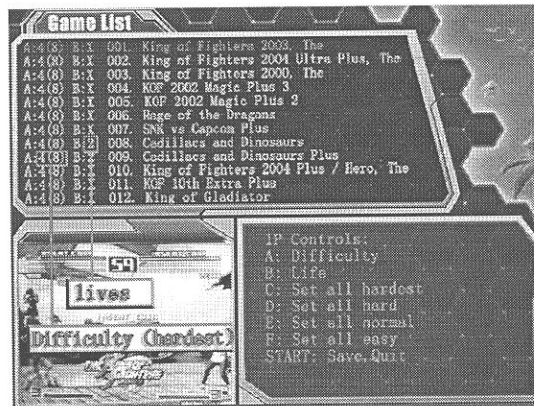
5. Single game setting and operation

- 1) Please refer to “edit game list” as above, and enter the edit game list menu (see figure8)
- 2) Select game list by moving 1P joystick and press 1P D button to set. If it shows “SET” in front of game title you selected, that means the setting is successful.
- 3) Enter Service settings menu as figure 4, set the **Game mode** to Single mode, and **System mode** to “Normal play” mode and save. The single game will be started after entering the game.

Remark: in single game mode, please change to "NO" in the coin recycling.

6. Game difficulty and lives setting

- 1) Enter Service settings (figure 4), set system mode to Config/Edit mode, save and then enter the menu (figure 7). Select the item “3.edit game difficulty” to enter the menu as below figure 10.



(figure 10)

- 1P joystick: to select the game that needs to be changed.
- 1P A button: to adjust the game difficulty.
- 1P B button: to adjust the lives
- 1P C button: to set all games to hardest.
- 1P D button: to set all games to hard.
- 1P E button: to set all games to normal.
- 1P F button: to set all games to easy.

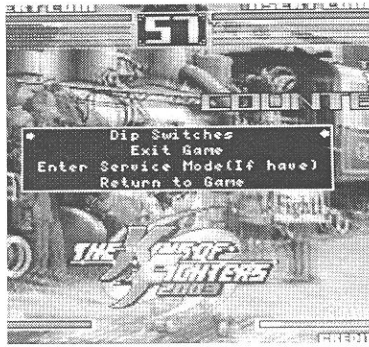
▲ **notice:** when game difficulty show as “x(x)” or lives show as “x”, it means this game has no difficulty and no lives to adjust or it means this game doesn't support to adjust game difficulty and lives. If it is the latter, please enter the game and set the game configuration specifically.

- After finishing it, press 1P START button and follow the instruction to save. Press 1P A button to save the modified games and press 1P D button to force to save all games. Saving all games will cost a long time.
- Set the system mode to “Normal play” mode and enter the game list menu (see figure 2) to start game as usual.

7. Game configuration settings

Way 1 for Game configuration settings:

- 1) Enter Service settings menu as figure 4, set **System mode** to “Config/Edit” mode, save and quit the system settings menu, then enter the game list menu (figure 2).
- 2) Moving 1P joystick down or up to select the game you want to change, Press 1P START to start game and enter the game configuration editor menu as figure 11. (Part of the game into the void, see Way 2 for Game configuration settings)



(Figure 11)



(Figure 12)

- 3) Move 1P joystick to select “Dip Switches” and press 1P A button to enter the setting menu(see figure 11). This operation is invalid for some games, please refer to way 2 for details.
- 4) Select option by moving 1P joystick down or up, and press 1P C or D button is to change.
- 5) Select “return to main menu” to quit the setting menu after setting, and select “Exit game” to back game list (see figure 2). Restart the game, then new settings is valid.
- 6) Please go on to set other games if there are, and if not, please set System mode to “Normal play” mode. Enter the game list and the game will be started in normal mode.

Way 2 for Game configuration settings:

- 1) Refer to way 1, enter the game configuration editor menu(figure 11), and select the item “Enter Service Mode (If have)” to enter game’s original setting menu(when some games select this item, it’s need to quit game first and enter again, then enter the game configuration setting menu)
- 2) Follow the instructions of the game configuration setting menu to

modify game configuration and save it.

- 3) After finishing it, press TEST or S1 to show the game configuration setting menu, select "Exit game" and back to game list menu (figure 2), enter the game again and the new configuration takes effect.

Caution: The game will enter setting menu after starting if "service mode" is set to ON. Please refer to way 1, set "Service mode" to "OFF".

- 4) Set the system mode to "game mode" and enter the normal playing mode.

Way 3 for Game configuration settings:

CAUTION: this way is only suitable for the games as below tab, for other games' setting, please see the way 1 or way 2 as above.

Item number	Game	Item number	Game
498	Robotron	525	Joust
522	Defender	526	Blaster
523	Stargate	527	Splat
524	Bubbles		

- 1) Refer to Way 2, select the item "Enter Service Mode (If have)" to enter game's original setting menu, or start game, press 2P **ADVANCE** button (F button) to enter game test menu at any time. (On the Config/Edit mode)
- 2) After enter game test menu, continue to press **ADVANCE*** button to the game setting and then it can be set. Please see the below detail setting ways. (Remark *: for Defender game, press 2P E + F button to switch setting items.)
On the configuration setting mode, define 2P **D** button, **E** button,

F button as below.

2P D button: High score reset

2P E button: AUTO

2P F button: Advance

Remark: For the above definitions, they are only valid when System mode is set to Config/Edit mode, and only valid for above games.

- 3) After setting, press ADVANCE button to quit the setting mode menu and back to game list(or press S1button,and select “Exit game” to back game list.)
- 4) Restart the game, then new settings is valid.
- 5) Set the system mode to “game mode” and enter the normal playing mode.

8. TEST or S1 button function

- 1) System setting button, press TEST or S1 button to enter the system setting menu when the screen show “Press TEST to setup”(figure 3).
- 2) On the Normal play mode, press TEST or S1 button to quit and back to the game list (Figure 2).
- 3) On the Config/Edit mode, press TEST or S1 button in the game to pop up or hide the configuration setting menu(figure 11). And press TEST or S1 button on the game list menu (Figure 2) to enter the edit game list.

9. Instruction for Home mode

1) PS2 game controller

Plug-in J5 USB port of game console (figure 1-1) to PS2 game controller, switch on the power, after the game controller detected, then the system will enter the home mode.

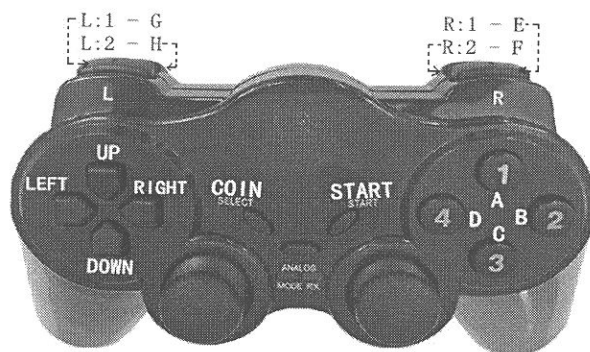
One player: connect one of PS2 game controller to J5 USB port of game console

Two players: add one USB 2.0 hub, connect two PS2 game controllers to hub, and then connect hub USB port to J5 socket of game console.

2) Free play

No free play on the home mode. Press SELECT to insert coins, and then press START to begin game. Set the game configuration settings to get free playing is available for most games. Please refer to page 10 to get more information.

3) Define 1P PS2 game controller as below.



(图 13)

Press 1P-L1 and 1P-L2 bottom at the same time to quit game.

4) **Sleep mode**

The idle PS2 game controller will enter sleep mode when power is on.

Caution: When the controller is in sleep mode, the power switch of controller is invalid, you must press START button to wake it up, return to normal working state.

10. Common problems and solutions

Problem: the game screen is not synchronized in the CGA mode when game start.

Solution: Adjust the horizontal stabilizer in the game monitor until the image is clearly visible.

11. JAMMA wire map

Tab3. JAMMA wire map

JAMMA WIRE PAP			
Part side		Soild side	
Definition	PIN	PIN	Definition
GND	1	1	GND
GND	2	2	GND
+5V	3	3	+5V
+5V	4	4	+5V
/	5	5	/
+12V	6	6	+12V
/	7	7	/
/	8	8	/
JMA9	9	9	JMB9
SPEAKER+	10	10	SPEAKER-
JMA11	11	11	JMB11
VIDEO R	12	12	VIDEO G
VIDEO B	13	13	VIDEO SYNC
GND	14	14	SERVICE
TEST	15	15	JMB15
1P-COIN	16	16	2P-COIN
1P-START	17	17	2P-START
1P-UP	18	18	2P-UP
1P-DOWN	19	19	2P-DOWN
1P-LEFT	20	20	2P-LEFT
1P-RIGHT	21	21	2P-RIGHT
1P-A	22	22	2P-A
1P-B	23	23	2P-B
1P-C	24	24	2P-C
1P-D	25	25	2P-D
1P-E	26	26	2P-E
1P-F	27	27	2P-F
GND	28	28	GND

▲ Caution: Do not connect the PIN27 of JAMMA port to ground lead, it will affect the game's playing.

Special note

1. This price is just for the computer hardware equipment.
2. Customers get the software by their own (including the purchase from the software provider or download free software from related web).
3. The way to get the software:
 - (1) Purchase the software from the software provider.
 - (2) Download the software from the related web.
4. Users assume all the legal consequences due to wrong download and use the software, it is unrelated with the equipment manufacturers and distributors.

1162 in 1 Game list

1162 in 1 (750 Horizontal games)

001. King of Fighters 2003, The	039. Samurai Shodown II
002. King of Fighters 2004 Ultra Plus, The	040. Samurai Shodown III
003. King of Fighters 2000, The	041. Samurai Shodown IV
004. KOF 2002 Magic Plus 3	042. Fighters Swords
005. KOF 2002 Magic Plus 2	043. Fatal Fury
006. Rage of the Dragons	044. Fatal Fury 2
007. SNK vs Capcom Plus	045. Fatal Fury 3
008. Cadillacs and Dinosaurs	046. Fatal Fury Special
009. Cadillacs and Dinosaurs Plus	047. Real Bout Fatal Fury Special
010. King of Fighters 2004 Plus / Hero, The	048. Real Bout Fatal Fury
011. KOF 10th Extra Plus	049. Real Bout Fatal Fury 2
012. King of Gladiator	050. Art of Fighting
013. Matrimelee	051. Art of Fighting 2
014. Double Dragon	052. Art of Fighting 3
015. KOF 2002	053. Breakers
016. KOF 2002 Plus	054. Breakers Revenge
017. KOF 2002 Super	055. World Heroes 2
018. Samurai Shodown V Special	056. World Heroes 2 Jet
019. KOF 98	057. World Heroes Perfect
020. KOF 99 - Millennium Battle	058. Dungeons & Dragons: Tower of Doom
021. KOF 97	059. Dungeons & Dragons: Shadow over Mystara
022. KOF 97 Plus	060. X-Men Vs. Street Fighter
023. KOF 94	061. X-Men: Children of the Atom
024. KOF 95	062. Vampire Savior
025. KOF 96	063. Vampire Savior 2: The Lord of Vampire
026. Operation Ragnagard	064. Vampire Hunter: Darkstalkers' Revenge
027. Galaxy Fight	065. Vampire Hunter 2: Darkstalkers Revenge
028. Michael Jackson's Moonwalker	066. Super Street Fighter II X
029. Karate Blazers	067. Super Street Fighter II Turbo
030. The Punisher	068. Super Street Fighter II: The New Challengers
031. Captain Commando	069. Super Puzzle Fighter II X
032. Blade Master	070. Super Puzzle Fighter II Turbo
033. Hook	071. Super Gem Fighter Mini Mix
034. Power Instinct Legends	072. Street Fighter Alpha 2
035. Power Instinct	073. Street Fighter Alpha 3
036. WWF WrestleFest	074. Street Fighter Zero 2
037. The Last Blade 2	075. Street Fighter Zero 3
038. Samurai Shodown	076. Saturday Night Slam Masters

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077. Ring of Destruction: Slammasters II	115. Savage Reign
078. Progear	116. Aggressors of Dark Kombat
079. Marvel Vs. Capcom: Clash of Super Heroes	117. Joe & Mac
080. Darkstalkers: The Night Warriors	118. X-Men
081. Marvel Super Heroes Vs. Street Fighter	119. The Simpsons
082. Marvel Super Heroes	120. Dark Seal
083. Mars Matrix: Hyper Solid Shooting	121. Crime Fighters 2
084. Giga Wing	122. Teenage Mutant Ninja Turtles
085. Cyberbots: Fullmetal Madness	123. Teenage Mutant Ninja Turtles 2
086. Capcom Sports Club	124. Kodure Ookami
087. Burglar X	125. Batman(1P)
088. Battle Circuit	126. Solitary Fighter
089. Mighty! Pang	127. Dino Rex
090. Mega Man 2: The Power Fighters	128. Street Smart
091. Alien vs. Predator	129. Shadow Dancer
092. Street Fighter II	130. Ikari III - The Rescue
093. Street Fighter II - Champion	131. P.O.W. - Prisoners of War
094. Street Fighter II - Rainbow	132. Warriors of Fate
095. Street Fighter II - Red Wave	133. Metal Slug
096. Street Fighter II - Hyper Fighting	134. Metal Slug 2
097. Street Fighter II Turbo	135. Metal Slug X
098. Street Fighter II - V004	136. Metal Slug X Plus
099. Street Fighter II' - Rainbow 2	137. Metal Slug 4
100. Trojan	138. Metal Slug 5
101. S.P.Y. - Special Project Y	139. Metal Slug 5 Plus
102. Toki	140. Spinal Breakers
103. Side Arms - Hyper Dyne	141. Raiga - Strato Fighter
104. Joe & Mac Returns	142. Shock Troopers
105. Sengoku	143. Shock Troopers 2
106. Sengoku 2	144. Demon's World
107. Final Fight	145. Street Fight
108. Ninja Master's	146. NAM-1975
109. Ganryu / Musashi Ganryuki	147. Rambo III (Europe)
110. Kabuki Klash - Far East of Eden	148. Rambo III (US)
111. Waku Waku 7	149. Shoot Out
112. Kizuna Encounter	150. Blood Bros.
113. Karnov's Revenge	151. Sunset Riders
114. Fight Fever	152. Aurail

1162 in 1 Game list

153. E-Swat		191. 4-D Warriors
154. M. I. A. - Missing in Action		192. Terra Cresta
155. Rolling Thunder 2		193. Cabal
156. Midnight Resistance		194. D-Con
157. Xybots		195. E. D. F. E. D. F. : Earth Defense Force
158. Aliens		196. R-Type
159. The Super Spy (1P)		197. R-Type II
160. Thunder Fox		198. X Multiply
161. Growl		199. Dragon Breed
162. Crime City		200. Insector X
163. Aero Fighters 2		201. Hellfire
164. Aero Fighters 3		202. Viper
165. Blazing Star		203. Terra Force
166. Prehistoric Isle 2		204. Chuka Taisen
167. 1944: The Loop Master		205. Shadow Warriors
168. Super Real Darwin		206. Zero Wing
169. Silkworm		207. Rabio Lepus
170. Ghost Pilots		208. Shinobi
171. U. N. Squadron		209. King of the Monsters
172. Area 88		210. King of the Monsters 2
173. Alpha Mission II		211. Strider
174. Koutetsu Yousai Strahl		212. Ninja Combat
175. Gadius		213. Cyber-Lip
176. Gadius II - GOFER no Yabou		214. Blue's Journey
177. Vulcan Venture		215. Magician Lord
178. Gadius III		216. Ghouls'n Ghosts
179. Parodius DA!		217. Mega Twins
180. Salamander		218. Chiki Chiki Boys
181. Lifeforce (US)		219. Magic Sword
182. Lifeforce (Japan)		220. Nemo
183. Prehistoric Isle in 1930		221. Three Wonders
184. Andro Dunos		222. The King of Dragons
185. Pulstar		223. Knights of the Round
186. Last Resort		224. Quiz & Dragons
187. Viewpoint		225. Mega Man - The Power Battle
188. Zed Blade		226. Rockman - The Power Battle
189. Airwolf		227. Willow (US)
190. Cobra-Command		228. Muscle Bomber Duo

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229. Gang Wars		267. Hard Head
230. Dragon Unit		268. Plump Pop
231. Legend of Makai		269. Kuri Kinton
232. Mutation Nation		270. Palamedes
233. Voltage Fighter - Gowcaizer		271. Rastan
234. Burning Fight		272. Rainbow Islands
235. Top Hunter		273. Jumping
236. Twinkle Star Sprites		274. PuLiRuLa
237. Spinmaster		275. Nastar
238. Legend of Success Joe		276. Rastan Saga 2
239. Robo Army		277. Space Invaders DX
240. Crossed Swords		278. Pipi & Bibis
241. Date Quiz Go Go		279. Heavy Barrel
242. Gururin		280. Meikyuu Hunter G
243. 3 Count Bout		281. Blocken
244. Money Puzzle Exchanger		282. Hachoo!
245. Eight Man		283. Tube-It
246. Bank Panic		284. Golden Axe
247. Mario Bros		285. Sly Spy
248. Missile Command		286. Flash Point
249. Rally X		287. Magix
250. New Rally X		288. Oh My God!
251. Silver Land		289. Hebereke no Popoon
252. Time Tunnel		290. The Real Ghostbusters
253. Tropical Angel		291. Rollergames
254. Moon Patrol		292. Rod-Land
255. Sky Kid		293. Chimera Beast
256. Double Dragon		294. Peek-a-Boo!
257. Karnov		295. Soldam
258. Crude Buster		296. Hatris
259. Two Crude		297. Yokai Douchuuki
260. Vigilante(1P)		298. Pistol Daimyo no Bouken
261. Ninja Spirit		299. Legend of Hero Tonma
262. Genpei ToumaDen		300. The NewZealand Story
263. Wonder Momo		301. Raimais
264. Riot City		302. Champion Wrestler
265. Wonder Boy		303. Plotting
266. Wonder Boy III - Monster Lair		304. Puzznic

1162 in 1 Game list

305. Hit the Ice		343. Souko Ban Deluxe(1P)
306. Yam! Yam!?		344. Combat School
307. Caveman Ninja		345. Windjammers
308. The Ninja Kids		346. Street Hoop
309. Final Blow		347. Punk Shot
310. Bionic Commando		348. Neo-Geo Cup '98-The Road to the Victory
311. Pigout		349. Super Sidekicks
312. Dynamite Dux		350. Super Sidekicks 2
313. Toryumon		351. Super Sidekicks 3
314. Logic Pro		352. Super Sidekicks 4
315. Karian Cross		353. Football Champ
316. Logic Pro 2		354. Tecmo World Soccer '96
317. Battle Rangers		355. Goal! Goal! Goal!
318. Act-Fancer Hyper Weapon		356. Pleasure Goal
319. Trio The Punch - Never Forget Me		357. Soccer Brawl
320. Gondomania		358. Euro Champ '92
321. Makyou Senshi		359. Kick Off
322. Garyo Retsuden		360. Big Striker
323. Bad Dudes vs. Dragonninja		361. Bottom of the Ninth
324. Hippodrome		362. Shuuz
325. Boulder Dash		363. Power Spikes
326. Super Burger Time		364. Super Volleyball
327. Ninja Gaiden		365. League Bowling
328. Tecmo Knight		366. Baseball Stars Professional
329. Main Event, The		367. Baseball Stars 2
330. Crime Fighters		368. Top Player's Golf
331. Block Hole		369. Master of Syougi
332. Surprise Attack		370. Mahjong Kyoretsuden(1P)
333. The Combatribes		371. Minnasanno Okagesamadesu(1P)
334. Super Mario Bros		372. Shanghai III
335. The Final Round		373. Jyanshin Densetsu(1P)
336. Klax		374. Bakatonosama Mahjong Manyuki(1P)
337. Off the Wall(1P)		375. 2020 Super Baseball
338. Sparkz		376. Super Dodge Ball
339. Psycho Soldier		377. Stakes Winner
340. Pipe Dream		378. Stakes Winner 2
341. The Irritating Maze(1P)		379. Football Frenzy
342. Tank Force		380. Power Spikes II

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381. '88 Games	419. Bubble Bobble
382. Pocket Gal	420. Bubble 2000
383. Great 1000 Miles Rally	421. Ice Climber
384. Flicky	422. Wonder Boy (set 2)
385. Hot Chase(1P)	423. Wonder Boy (set 4)
386. Bad Lands	424. Wonder Boy in Monster Land
387. Mad Motor	425. Wonder Boy Deluxe
388. Ironman Stewart's Super OffRoad	426. Wonder Boy III
389. Out Run(1P)	427. Puzzle Uo Poko
390. Over Top(1P)	428. Biomechanical Toy(1P)
391. Neo Drift Out(1P)	429. Gals Hustler
392. F-1 Dream	430. SemiCom 3-in-1
393. Nightmare in the Dark	431. Puzzle King
394. Neo Bomberman	432. Armored Warriors
395. Magical Drop II	433. Bang Bead
396. Magical Drop III	434. Choko(1P)
397. Pang! 3	435. Super Trio
398. Super Pang	436. The Winter Bobble
399. Puzzle Bobble	437. Cookie & Bibi 3
400. Puzzle Bobble 2	438. Eco Fighters
401. Joy Joy Kid	439. MuHanSeungBu (SemiCom Baseball)
402. Pop 'n Bounce	440. Head Panic
403. Puzzle De Pon	441. Honey Dolls
404. Puzzle De Pon R	442. Hatch Catch
405. Battle Flip Shot	443. Hyper Pacman
406. Neo Mr. Do!	444. Metal Saver
407. Captain Tomaday	445. More More
408. Panic Bomber	446. More More Plus
409. Pnicksies	447. Pochi and Nyaa
410. Zupapa!	448. Puz Loop 2
411. Snow Bros	449. Riot
412. Snow Bros. 2	450. SD Fighter
413. Snow Brothers 3 - Magical Adventure	451. Tang Tang
414. Wonder League Star	452. Topy & Rappy
415. Tumble Pop	453. Neo Turf Masters / Big Tournament Golf
416. Pang Pang	454. Twinkle
417. Tetris(Japan)	455. Diamond Run
418. Don Doko Don	456. Zero Zone

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457. Diver Boy		495. Berzerk
458. US AAF Mustang		496. Ghosts'n Goblins
459. Twin Action		497. Jungle King
460. Mang-Chi		498. Robotron
461. Pass		499. Hyper Olympic
462. B.C. Story (set 1)		500. Kung-Fu Master
463. Choky! Choky!		501. Gauntlet
464. Jump Kids		502. Bosconian
465. Jyangokushi - Haoh no Saihai(1P)		503. Choplifter
466. Wild Fang / Tecmo Knight		504. Elevator Action
467. Fantasia II		505. Paperboy
468. Miss World '96		506. Jail Break
469. Tetris		507. Rampage
470. Tetris (set 1)		508. M. A. C. H. 3
471. Multi Champ Deluxe		509. Star Wars
472. Multi Champ		510. Tapper
473. Real and Fake		511. Trog
474. Photo Y2K		512. Wardner
475. Dragon World II (ver. 100C) (1P)		513. Pretty Soldier Sailor Moon
476. Puzzle Star		514. Captain America and The Avengers
477. Knights of Valour		515. Alien Syndrome
478. Knights of Valour(ver. 115)		516. Peter Pack-Rat
479. Knights of Valour Plus		517. CamelTry
480. Knights of Valour Plus(ver. 119)		518. Fantasy Zone
481. Oriental Legend		519. Gauntlet II
482. KOF 99 chinese		520. RoadRunner
483. KOF 2002 chinese		521. Superman
484. Tube Panic		522. Defender
485. KOF 10th Anniversary 2005 Unique		523. Stargate
486. KOF Special Edition 2004		524. Bubbles
487. KOF 2001		525. Joust
488. Lansquenet 2004		526. Blaster
489. Garou - Mark of the Wolves		527. Splat
490. Exerion		528. Battle City
491. Galaga		529. Solomon's Key
492. Raiden		530. The FairyLand Story
493. Space Invaders		531. Do! Run Run
494. Sinistar		532. Kick Rider

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533. Acrobatic Dog-Fight		571. Legend
534. Super Missile Attack		572. Marine Boy
535. Swimmer		573. Markham
536. Black Dragon		574. Megatack
537. Tricky Doc		575. Wise Guy
538. Clash-Road		576. Metro-Cross
539. Cop 01		577. Momoko 120%
540. 10-Yard Fight		578. Mr. Do's Wild Ride
541. Ambush		579. Mr. Goemon
542. Appooh		580. My Hero
543. Baraduke		581. Nekketsu Kouha Kunio-kun
544. River Patrol		582. Nova 2001
545. Bogey Manor		583. Onna Sansirou - Typhoon Gal
546. Brain		584. Pac-Land
547. Break Thru		585. Penguin-kun Wars
548. Bullfight		586. Perfect Billiard
549. Calorie Kun vs Moguranian		587. Pirate Pete
550. Challenger		588. Pirate Ship Higemaru
551. Chameleon		589. Pitfall II
552. Changes		590. Ponpoko
553. City Connection		591. Prebillian
554. Cosmic Avenger		592. Surprise Attack
555. Counter Run		593. Raiders5
556. Crazy Climber		594. Robby Roto
557. Dai Ressya Goutou		595. Rough Ranger
558. Formation Z		596. Rougien
559. Green Beret		597. Rush'n Attack
560. Espial		598. Rygar
561. Express Raider		599. SF-X
562. Flashgal		600. Sauro
563. Forty-Love		601. Sea Fighter Poseidon
564. Frenzy		602. Section Z
565. Gridlee		603. Sega Ninja
566. I'm Sorry		604. Snap Jack
567. Iron Horse		605. Space Zap
568. Jungle Hunt (US)		606. Spatter
569. Killer Comet		607. Strategy X
570. Knuckle Joe		608. Super Cross 2

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609. Super Pierrot	647. Denjin Makai II
610. Vs 10-Yard Fight	648. Forgotten Worlds
611. Yie Ar Kung-Fu	649. Last Blade
612. scion	650. Knuckle Bash
613. Double Dragon 2	651. Knuckle Bash 2
614. Hyper Sports Special	652. Air Buster: Trouble Specialty Raid Unit
615. Track & Field	653. Aqua Jack
616. Hyper Sports	654. Aquarium
617. Vanguard	655. Asura Blade - Sword of Dynasty
618. P-47 - The Phantom Fighter	656. Bomber Man World
619. Tetris (System 16A)	657. The Berlin Wall
620. Asteroids	658. Bio-ship Paladin
621. Asteroids Deluxe	659. Blandia
622. Knights of Valour 2	660. Blaze On
623. Knights of Valour 2(106)	661. Black Tiger
624. The Killing Blade	662. Blomby Car
625. Metal Slug 3	663. Mutant Fighter
626. Metal Slug 6	664. Bomb Kick
627. SNK vs Capcom	665. Bomber Man
628. SNK vs Capcom Super Plus	666. Bonk's Adventure
629. Crouching Tiger Hidden Dragon 2003	667. Boogie Wings
630. Crouching Tiger Hidden Dragon 2003 Super Plus	668. Back Street Soccer
631. KOF 97 evolution	669. Battle K-Road
632. KOF 97 Boss	670. Cookie & Bibi
633. KOF97 BDQ	671. Cookie & Bibi 2
634. KOF97 BH	672. Double Dragon (JP)
635. KOF97 combo	673. Double Dragon 2
636. KOF97 lb3	674. Dead Connection
637. KOF97 TS	675. Diet Go Go
638. Street Fighter II' - Hyper Fighting (World)	676. Vendetta
639. Street Fighter II' - Champion Edition (M4)	677. Tecmo World Cup '90
640. Street Fighter II' - Champion Edition (M5)	678. Ultra Balloon
641. Street Fighter II' - Champion Edition (M6)	679. Undercover Cops
642. Street Fighter II' - Champion Edition (M7)	680. Ultraman Club
643. Dragon Blaze	681. Toki
644. Samurai Aces	682. Thrash Rally
645. Space Bomber	683. Thunder Zone
646. Sol Divide - The Sword Of Darkness	684. Tao Taido

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685. Dynablaster		723. Naname de Magic!
686. Dynasty Wars		724. Pang
687. The Cliffhanger - Edward Randy		725. Puzzle Bobble (B-System)
688. Final Tetris		726. Puzzle Club
689. KOF 95 PLUS		727. Penguin Brothers
690. Fancy World - Earth of Crisis		728. Pirates
691. Funky Jet		729. Pocket Gal Deluxe
692. Funny Bubble		730. Power Instinct 2
693. Gaia Crusaders		731. Puzzle De Bowling
694. Ghostlop		732. The Legend of Silkroad
695. Got-cha Mini Game Festival		733. Rezon
696. Mille Miglia 2: Great 1000 Miles Rally		734. Riding Hero
697. Mille Miglia 2: Great 1000 Miles Rally (USA)		735. Robocop
698. Mille Miglia: Great 1000 Miles Rally (USA)		736. Robocop 2
699. Mobile Suit Gundam EX Revue		737. R-Type Leo
700. Gunforce 2		738. Saboten Bombers
701. Gunforce - Battle Fire Engulfed Terror Island		739. SD Gundam Psycho Salamander no Kyoui
702. Hexion		740. Search Eye
703. In The Hunt		741. Sel Feena
704. J. J. Squawkers		742. Shadow Force
705. Liquid Kids		743. Shocking
706. Lode Runner - The Dig Fight		744. Side Pocket
707. Super Spacefortress Macross II		745. Silent Dragon
708. Magic Bubble		746. Strikers 1945 II
709. Major Title 2		747. Strikers 1945 III
710. Daraku Tenshi - The Fallen Angels		748. Gunbird
711. Metal Black		749. Gunbird 2
712. Metamoqester		750. KOF 96 PLUS
713. Magical Crystals		
714. Mighty! Pang		
715. Mr. HELI no Dai-Bouken		
716. Miss Bingo		
717. Mobile Suit Gundam		
718. Marvel Super Heroes		
719. Main Stadium		
720. Mug Smashers		
721. Michael Jackson's Moonwalker		
722. Mystic Riders		

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1162 in 1 (412 Vertical games)	
001. Ms. Pac-Man	038. Time Pilot
002. Ms. Pac-Man (speedup)	039. Super Cobra
003. Ms. Pac-Man Plus	040. Video Hustler
004. Galaga	041. Space Panic
005. Frogger	042. Space Panic (harder)
006. Frog	043. Super Breakout
007. Donkey Kong	044. Arkanoid
008. Crazy Kong	045. Super Qix
009. Donkey Kong Junior	046. Juno First
010. Donkey Kong 3	047. Xevious
011. Galaxian	048. Mr. Do's Castle
012. Galaxian Part X	049. Moon Cresta
013. Galaxian Turbo	050. Pinball Action
014. Dig Dug	051. Scramble
015. Crush Roller	052. Super Pac-Man
016. Mr. Do!	053. Bomb Jack
017. Space Invaders Part II	054. Shao-Lin's Road
018. Super Invaders (EMAG)	055. King & Balloon
019. Return of the Invaders	56. 1943
020. Super Space Invaders '91	057. Van-Van Car
021. Pac-Man	058. Pac-Man Plus
022. PuckMan	059. Pac & Pal
023. PuckMan (speedup)	060. Dig Dug II
024. New Puck-X	061. Amidar
025. Newpuc2	062. Zaxxon
026. Galaga 3	063. Super Zaxxon
027. Gyruus	064. Pooyan
028. Tank Battalion	065. Pleiads
29. 1942	066. Gun. Smoke
030. Lady Bug	067. The End
031. Burger Time	068. 1943 Kai
032. Mappy	069. Congo Bongo
033. Centipede	070. Jumping Jack
034. Millipede	071. Big Kong
035. Jr. Pac-Man	072. Bongo
036. Pengo	073. Gaplus
037. Son of Phoenix	074. Ms. Pac Attack

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076. Ajax	114. Exerion
077. Ali Baba and 40 Thieves	115. Eyes
078. Finalizer - Super Transformation	116. Fantazia
079. Arabian	117. Labyrinth Runner
080. Armored Car	118. Fighting Roller
081. Astro Blaster	119. Fire Battle
082. Astro Fighter	120. Fire Trap
083. Astro Invader	121. Fly-Boy
084. Battle Lane!	122. Free Kick
085. Battle-Road, The	123. Funky Bee
086. Beastie Feastie	124. Funky Fish
087. Bio Attack	125. Funny Mouse
088. Black Hole	126. Future Spy
089. Block Gal	127. Galaxy Wars
090. Blue Print	128. Gardia
091. Bump 'n' Jump	129. Ghostmuncher Galaxian
092. Cavelon	130. Go Go Mr. Yamaguchi
093. Cheeky Mouse	131. Gorkans
094. Circus Charlie	132. Grobda
095. Commando	133. Gun Dealer
096. Darwin 4078	134. Guzzler
097. Defend the Terra Attack - UFO	135. Gyrodine
098. Devil Fish	136. Hangly-Man
099. Devil Zone	137. Hero in the Castle of Doom
100. Dingo	138. High Way Race
101. Disco No. 1	139. Hoccer
102. Dock Man	140. Hopper Robo
103. Dog Fight (Thunderbolt)	141. Intrepid
104. Dommy	142. Jack the Giantkiller
105. Dorodon	143. Joinem
106. Dr. Micro	144. Jolly Jogger
107. Dr. Toppel's Adventure	145. Joyman
108. Dream Shopper	146. Jump Coaster
109. Eagle	147. Jungler
110. Eggor	148. Crazy Rally
111. Eight Ball Action	149. Kangaroo
112. Enigma 2	150. Kaos
113. Exciting Soccer	151. Kicker

152. Korosuke Roller	190. Oli-Boo-Chu
153. Lasso	191. Ozma Wars
154. Lock' n' Chase	192. Pandora's Palace
155. Loco-Motion	193. Strata Bowling
156. Looping	194. Percussor, The
157. Lunar Rescue	195. Perestroika Girls
158. Mad Alien	196. Performan
159. VS Gong Fight	197. Phozon
160. 800 Fathoms	198. Pickin'
161. Mighty Guy	199. Pinbo
162. Mighty Monkey	200. Piranha
163. Mikie	201. Pisces
164. Minky Monkey	202. Pit, The
165. Mission 660	203. Polaris
166. Mister Viking	204. Pop Flamer
167. Money Money	205. Popper
168. Monkey Donkey	206. Power Surge
169. Monster Bash	207. Pro Baseball Skill Tryout
170. Moon Alien	208. City Bomber
171. Moon Alien Part 2	209. Rafflesia
172. Moonwar	210. Regulus
173. Motos	211. Road Fighter
174. Mouser	212. Roc'n Rope
175. Mr. Jong	213. Round-Up
176. Mr. Kougar	214. Rug Rats
177. Mr. TNT	215. S. R. D. S. R. D. S. R. D. Mission
178. Mysterious Stones	216. SWAT
179. Naughty Boy	217. Samurai Nihon-ichi
180. Naughty Mouse	218. Satan of Saturn
181. Navarone	219. Saturn
182. Net Wars	220. Bagman
183. New Sinbad 7	221. Scrambled Egg
184. Wild Western	222. Senjyo
185. Nibbler	223. Shot Rider
186. Ninja Emaki	224. Sindbad Mystery
187. Jackal	225. Sky Base
188. Gomoku Narabe Renju	226. Seicross
189. Nunchackun	227. Space King 2

228. Space Firebird	266. Omega Fighter Special
229. Space Force	267. Zig Zag
230. Space Pilot	268. Cutie Q
231. Space Raider	269. Zodiack
232. Space Thunderbird	270. Zzyzzyxx
233. Speak & Rescue	271. Anteater
234. Speed Ball	272. Blades of Steel
235. Springer	273. Bomb Bee
236. Star Force	274. Turbo Force
237. Star Jacker	275. Kuhga
238. Stinger	276. Thundercade / Twin Formation
239. Streaking	277. Devastators
240. Super Bagman	278. Aero Fighters
241. Super Basketball	279. Sonic Wings
242. Super Doubles Tennis	280. Tetris (1P)
243. Super Galaxians	281. Truxton / Tatsujin
244. Super Mouse	282. Out Zone
245. Gigas	283. Lightning Fighters
246. Swarm	284. Super Contra
247. Syusse Oozumou	285. Rally Bike
248. Tactician	286. Gang Busters
249. Slither	287. Mercs
250. Top Roller	288. Time Scanner
251. Tower of Druaga	289. Varth - Operation Thunderstorm
252. Traverse USA	290. Argus
253. Triple Punch	291. Image Fight
254. Turpin	292. Youma Ninpou Chou
255. Tutankham	293. Blast Off
256. UniWar S	294. Galaga (fast shoot)
257. Vastar	295. Truxton II / Tatsujin II
258. Vulgus	296. Mahou Daisakusen
259. Wanted	297. Zing Zing Zip
260. Warp & Warp	298. Armed Formation
261. Water Ski	299. Commando
262. Wiping	300. Dragon Spirit
263. Wiz	301. Gemini Wing
264. Woodpecker	302. Sky Soldiers
265. Yamato	303. TNK III

304. Terra Cresta		342. Block Block
305. Air Duel		343. Rompers
306. Blazer		344. Bowl-O-Rama
307. Heavy Barrel		345. Twin Eagle
308. Quester		346. Victory Road
309. Caliber 50		347. Extermination
310. DownTown		348. Plus Alpha
311. Dyger		349. Bells & Whistles
312. Tiger Heli		350. Kageki
313. Slap Fight (Japan)		351. 1941 - Counter Attack
314. Slap Fight (English)		352. Alpine Ski
315. Ikari Warriors		353. APB - All Points Bulletin
316. Ashura Blaster		354. Carnival
317. Master of Weapon		355. Electric Yo-Yo, The
318. Gun & Frontier		356. fastfred
319. Fighting Hawk		357. Front Line
320. Twin Cobra		358. Green Beret
321. Flying Shark		359. Guerrilla War
322. Time Soldiers		360. Journey (1P)
323. Battlantis		361. Joust 2
324. The Hustler		362. Karate Champ
325. War of Aero		363. Kick
326. Galaga '88		364. Krull
327. Assault		365. Lost Tomb (easy)
328. Dragon Saber		366. Up'n Down
329. Cosmo Gang the Video		367. Mad Planets
330. Sky Fox		368. Mega Zone
331. SAR - Search And Rescue		369. Phoenix
332. Tail to Nose - Great Championship		370. Q*bert
333. Super Formula		371. Q*bert's Qubes
334. Final Star Force		372. Qix
335. Galaga '84		373. Qix 2
336. Dangar - Ufo Robo		374. Ring King
337. Last Duel		375. Satan's Hollow
338. Mad Gear		376. Sinistar
339. Alley Master		377. Solar Fox
340. Legendary Wings		378. Space Dungeon
341. Wrestle War		379. Space Invaders

380. Speed Rumbler, The		
381. Tac/Scan		
382. Tag Team Wrestling		
383. Tempest		
384. 19XX: The War Against Destiny		
385. Time Pilot '84		
386. Toobin'		
387. Tournament Arkanoid		
388. Tron		
389. Colony 7		
390. Play Girls 2		
391. Play Girls		
392. Bull Fighter		
393. Evil Stone		
394. Trick Trap		
395. Arkanoid - Revenge of DOH		
396. Gorf		
397. Arbalester		
398. 1945k III		
399. DonPachi		
400. DoDonPachi		
401. Dimahoo		
402. Fantasia		
403. Fantasy '95		
404. Gals Panic		
405. New Fantasia		
406. Super Model		
407. Guwange		
408. Battle Bakraid		
409. Dangun Feveron		
410. ESP Ra. De.		
411. Spiders		
412. Raiden		