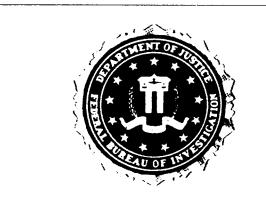


CAPCOM U.S.A.

## **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 communications. 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.



## "WINNERS DON'T USE DRUGS"

William S. Sessions, Director, FBI

\*IN COOPERATION WITH THE AAMA AND FBI ANTI-DRUG CAMPAIGN\*

# CAPCOM, USA INC.

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** 

(408) 727-0400

# **Installing Your New**



# Game package Table of Contents

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## DIP SW (A)

ITEM	DESCRIPTION	1	2	3	4	5	6	7	8
	1 COIN 1 CREDIT	OFF	OFF	OFF					
COINS	1 COIN 2 CREDITS	ON	OFF	OFF	]				
	1 COIN 3 CREDITS	OFF	ON	OFF	]				
то	1 COIN 4 CREDITS	ON	ON	OFF	1			ł	
	1 COIN 6 CREDITS	OFF	OFF	ON	1				
START	2 COINS 1 CREDIT	ON	OFF	ON					
	3 COINS 1 CREDIT	OFF	ON	ON					
	4 COINS 1 CREDIT	ON	ON	ON					
					OFF	OFF	OFF		
	NORMAL							OFF	
CONTINUE COIN	CONTINUE COIN							ON	
									OFF
NO USE									ON

## DIP SW (B)

ITEM	DESCRIPTION		1	2	3	4	5	6	7	8
	EASY	1	OFF	OFF	OFF					
		2	ON	OFF	OFF					
		3 [	OFF	ON	OFF					
		4 [	ON	ON	OFF					
DIFFICULTY 1	NORMAL	5	OFF	OFF	ON					
		6 F	ON	OFF	ON					
		7 [	OFF	ON	ON					
	DIFFICULT	8 [	ON	ON	ON					

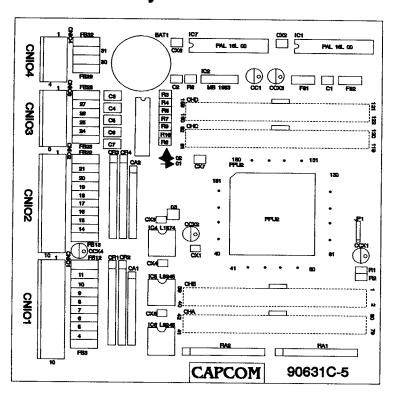
## DIP SW (B)

ITEM	DESCRIPTION	1	2	3	4	5	6	7	8
	1				OFF	OFF			
DIFFICULTY 2	2				ON	OFF			
	3			}	OFF	ON			
	4				OFF	ON			
							OFF		
	1 PLAYER			<u> </u>		Ì		OFF	OFF
PLAYER	2 PLAYER							ON	OFF
	3 PLAYER							OFF	ON
	4 PLAYER		ĺ					ON	ON

# DIP SW (C)

ITEM		1	2	3	4	5	6	7	8
#	2	OFF	OFF						
OF	3	ON	OFF						
LIVES	4	OFF	ON						
	1	ON	ON						
FREE				OFF					
PLAY				ON					
SCREEN					OFF				
FREEZE					ON				
SCREEN				· · · · · · · · · · · · · · · · · · ·		OFF			
FLIP			ŀ			ON			
DEMO				-			OFF		
SOUND							ON		
								OFF	
CONTINUE								ON	
GAME									OFF
TEST									ON

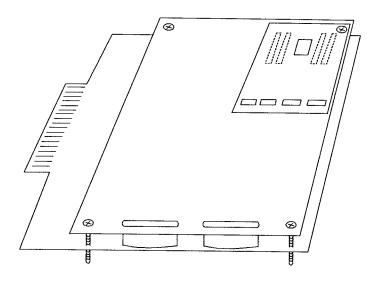
# "C" Board Layout



	CNIO	4		
GND	1	#22	1.440mm	Black
GND	2	#22	1.440mm	Black
+12V	3	#22	1.440mm	Yellow
+12V	4	#22	1.440mm	Yellow

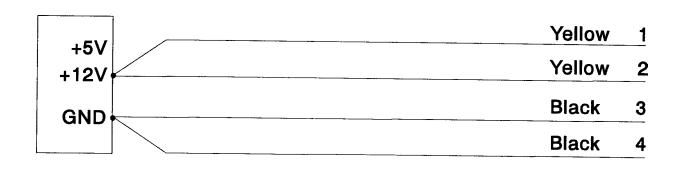
	CNIO	3		
+12V	1	#22	1.440mm	Yellow
+12V	2	#22	1.440mm	Yellow
4P	3	#22	1.440mm	Orange
	4			•
3P	5	#22	1.440.mm	White
	6			

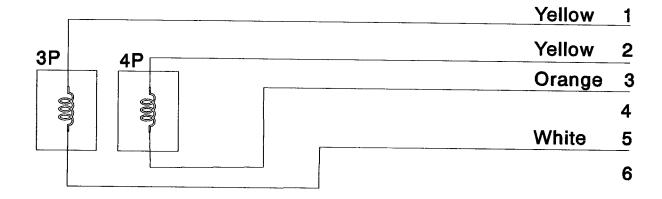
# "C" Board Location



		CNI02	!		
	GND	1	#22	1.440mm	Black
	GND	2	#22	1.440mm	Black
3P	Right	3	#22	1.440mm	Purple
3P	Left	4	#22	1.440mm	Gray
3P	Down	5	#22	1.440mm	White
3P	Up	6	#22	1.440mm	Brown
3P	Shot 1	7	#22	1.440mm	Orange
3P	Shot 2	8	#22	1.440mm	Green
3P	Coin SW	9	#22	1.440mm	Lt Gree
3P	Start SW	10	#22	1.440mm	Purple

		CNI01			
	GND	1	#22	1.440mm	Black
	GND	2	#22	1.440mm	Black
4P	Right	3	#22	1.440mm	White
4P	Left	4	#22	1.440mm	Brown
4P	Down	5	#22	1.440mm	Orange
4P	Up	6	#22	1.440mm	Green
4P	Shot 1	7	#22	1.440mm	Lt Gree
4P	Shot 2	8	#22	1.440mm	Purple
4P	Coin SW	9	#22	1.440mm	Gray
4P	Start SW	10	#22	1.440mm	White





			CNI02
	GND	Black	1
	GND	Black	2
3P	Right	Purple	3
3P	Left	Gray	4
3P	Down	White	5
3P	Up	Brown	6
3P	Shot 1	Orange	7
3P	Shot 2	Green	8
3P	Coin SW	Lt Green	9
3P	Start SW	Purple	10

			CNI01
	GND	Black	1
	GND	Black	2
4P	Right	White	3
4P	Left	Brown	4
4P	Down	Orange	5
4P	Up	Green	6
4P	Shot 1	Lt Green	7
4P	Shot 2	Purple	8
4P	Coin SW	Gray	9
4P	Start SW	White	10

# HELPFUL HINTS IN CASE OF DIFFICULTY

### PROBLEM/CAUSE-CURE

#### No Raster/No Video

-Check A.C. line cord

-Check line fuse

-Check monitor brightness

-Check power switch

-Check all solder connections on line filter and transformer

-Check for proper orientation of the PCB connector

#### Raster/No Video

-Check all PCB to monitor connections

-Check power supply voltage on PCB

#### No Video/Game sounds can be heard

-Check monitor brightness

-Check all PCB to monitor connections

#### Wrong Colors

-Monitor needs degaussing

-Check for proper wiring between PCB and monitor -Check monitor adjustment and adjust if necessary

#### Wavey Picture

-Check monitor ground is properly connected to monitor

-Be certain sync inputs are properly connected to monitor

-Check horizontal hold adjustment

#### Horizontal/Vertical Roll

-Check horizontal and/or vertical hold adjustments

-Check for proper wiring of sync from PCB to monitor

#### No Sound

-Check volume control potentiometer adjustment

-Check for +12 volts on edge connector of PCB

-Check wiring from PCB to speaker

-Check speaker for low resistance between the "+" and "-" tabs

#### **Bad Sound**

-Check wiring to speaker for bad solder connections

-Check sound with another speaker

#### No Switch Input

-Check ground connection to switch/es

-Check' wiring between PCB and switch/es for proper connection

-Check switch/es with an ohmmeter to verify proper operation

#### Switch Operates Incorrect Function

-Check wiring between PCB and switches for proper orientation

-Check wiring for shorts between switch inputs

#### No Coin Meter

-Check wiring to coin meter

-Check that +12 volts is on "+" side of meter

-Verify a + 12volt meter is used

#### When coin switch is made and meter pulses, the screen blanks out and/or game resets

-Verify that a meter with a diode is used

-If no diode is built in meter, a IN4004 can be used across the meter. Cathode to "+" side of meter and anode to "-" side of meter

# **CAPCOM GAME OWNER:**

Please fill out card and register for Free drawing at COIN-OP SHOWS. YOU NEED NOT BE PRESENT TO WIN.

Remember to fill in S/N of PCB (S/N IS REQUIRED FOR DRAWING).



v		
FROM:		_
	PLACE	
	STAMP	
	HERE	

**CAPCOM U.S.A., INC.** 

3303 Scott Boulevard Santa Clara, CA 95054



3303 Scott Boulevard Santa Clara, CA 95054 (408) 727-0400

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