

**Jackal**  
OPERATOR

1987/04/1

09.5.87 020

x Jackal x

SOLDER SIDE		COMPONENT SIDE
+12	1	GND
SPEAKER(+)	2	GND
	3	
	4	RIGHT P1
RIGHTER P2	5	COIN 2
COIN 1	6	LEFT P2
LEFT P1	7	DOWN P2
DOWN P1	8	START P1
	9	UP P1
UP P2	10	SHOOT/2 P1
SHOOT/2 P2	11	SYNCRO
START P2	12	SHOOT/1 P2
SHOOT/1 P1	13	
	14	RED
GREEN	15	BLUE
+5V	16	GND
+5V	17	GND
+5V	18	GND

DIP SWITCH NO.1 SETTINGS

1COIN SWITCH NO.1 SETTING

SW	1	2	3	4	COIN PLAY
0	OFF	OFF	OFF	OFF	1 1
	ON	OFF			1 2
	OFF	ON			1 3
	ON	ON			1 4
	OFF	OFF	ON	OFF	1 5
	ON	OFF			1 6
	OFF	ON			1 7
	ON	ON			2 1
	OFF	OFF	OFF	ON	2 3
	ON	OFF			2 5
	OFF	ON			3 1
	ON	ON			3 2
	OFF	OFF	ON	ON	3 4
	ON	OFF			4 1
	OFF	ON			4 3
	ON	ON			FREE PLAY

2.COIN SWITCH NO.2 SETTINGS

SW	5	6	7	8	COIN PLAY
0	OFF	OFF	OFF	OFF	1 1
	ON	OFF			1 2
	OFF	ON			1 3
	ON	ON			1 4
	OFF	OFF	ON	OFF	1 5
	ON	OFF			1 6
	OFF	ON			1 7
	ON	ON			2 1
	OFF	OFF	OFF	ON	2 3
	ON	OFF			2 5
	OFF	ON			3 1
	ON	ON			3 2
	OFF	OFF	ON	ON	3 4
	ON	OFF			4 1
	OFF	ON			4 3
	ON	ON			INVALIDITY

\* DIP SWITCH NO.2 SWTTINGS

\* 1. THE NUMBER OF PLAYER'S LIFT

SW	1	2	NUMBER
0	OFF	OFF	2
	ON	OFF	3
	OFF	ON	4
	ON	ON	7

\* 2. BONUS LIFT

SW	4	5	FIRST	SECOND
0	OFF	OFF	30,000	150,000
	ON	OFF	50,000	200,000
	OFF	ON	30,000	-
	ON	ON	50,000	-

\* 3. DIFFICULTY OF THE GAME

SW	6	7	DIFFICULTY
	OFF	OFF	EASY
	ON	OFF	NORMAL
	OFF	ON	DIFFICULTY
	ON	ON	VERY DIFFICULT

\* 4. SOUND IN ATTRACT MODE

SW	8	
	OFF	OFF
	ON	ON

\* DIP SWITCH NO.3 SETTINGS

\* 1. VIDEO SCREEN FLIP

SW	1	VIDEO SCREEN FLIP
	OFF	NORMAL
	ON	UPSIDE DOWN