

# VIRTUA BOWLING

## 1 · DIP SW. SETTING:

DIP SW. 1		1	2	3	4	5	6	7	8
COIN IN SETTING	1 COIN/ 1 CREDIT	OFF	OFF	OFF					
	1 COIN/ 2 CREDITS	ON	OFF	OFF					
	1 COIN/ 3 CREDITS	OFF	ON	OFF					
	1 COIN/ 4 CREDITS	ON	ON	OFF					
	1 COIN/ 5 CREDITS	OFF	OFF	ON					
	2 COINS/ 1 CREDIT	ON	OFF	ON					
	3 COINS/ 1 CREDIT	OFF	ON	ON					
	4 COINS/ 1 CREDIT	ON	ON	ON					
DEMO SOUND	ENABLE				OFF				
	DISABLE				ON				
SPECIAL PICTURE	ENABLE					OFF			
	DISABLE					ON			
OPEN PICTURE	ENABLE						OFF		
	DISABLE						ON		
FREE PLAY	DISABLE								OFF
	ENABLE								ON

DIP SW. 2		1	2	3	4	5	6	7	8
DIFFICULTY	EASY	OFF	OFF						
	NORMAL	ON	OFF						
	DIFFICULT	OFF	ON						
	CHALLENGE	ON	ON						
1-5 FRAME CHALLENGE	3 SPARES			OFF					
	4 SPARES			ON					
1-10 FRAME CHALLENGE POINTS	160 POINTS				OFF	OFF			
	170 POINTS				ON	OFF			
	180 POINTS				OFF	ON			
	190 POINTS				ON	ON			

DIP SW. 3		1	2	3	4	5	6	7	8
TEST MODE	DISABLE								OFF
	ENABLE								ON

**2 - 28 PIN JAMMA CONNECTION DIAGRAM:**

PARTS SIDE		SOLDER SIDE	
1	GND	GND	1
2	GND	GND	2
3	+5V	+5V	3
4	+5V	+5V	4
5	-5V	-5V	5
6	+12V	+12V	6
7			7
8	COIN COUNTER 1	COIN COUNTER 2	8
9			9
10	SPEAKER (+)	SPEAKER (-)	10
11	GND		11
12	VIDEO RED	VIDEO GREEN	12
13	VIDEO BLUE	VIDEO SYNC.	13
14	VIDEO GND	SERVICE SW.	14
15			15
16	PLAYER 1 COIN SW.	PLAYER 2 COIN SW.	16
17	PLAYER 1 START	PLAYER 2 START	17
18	PLAYER 1 UP	PLAYER 2 UP	18
19	PLAYER 1 DOWN	PLAYER 2 DOWN	19
20	PLAYER 1 LEFT	PLAYER 2 LEFT	20
21	PLAYER 1 RIGHT	PLAYER 2 RIGHT	21
22	PLAYER 1 - A	PLAYER 2 - A	22
23	PLAYER 1 - B	PLAYER 2 - B	23
24	PLAYER 1 - C	PLAYER 2 - C	24
25	PLAYER 1 - D	PLAYER 2 - D	25
26			26
27	GND	GND	27
28	GND	GND	28