Spider Web I/O chart V1.3

25/04/2006

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Item	Content	DIP SW							
		SW11	SW12	SW13	SW14	SW15	SW16	SW17	SW18
Coin per game	**1**	**ON**	**ON**						
	2	off	on						
	3	on	off						
	4	off	off						
Play time	45S			on	on				
	60S			**OFF**	**ON**				
	75S			on	off				
	90S			off	off				
Difficulty adjust	Easy					on	on		
	Mid					**OFF**	**ON**		
	Difficult					on	off		
	Most Difficult					off	off		
Demo delay (minute)	0							on	on
	1							off	on
	2							**ON**	**OFF**
	5							off	off

Itme	Content	DIP SW							
		SW21	SW22	SW23	SW24	SW25	SW26	SW27	SW28
Ticket Score (score/ticket)	1	on	on	on	on				
	2	**OFF**	**ON**	**ON**	**ON**				
	3	on	off	on	on				
	4	off	off	on	on				
	5	on	on	off	on				
	6	off	on	off	on				
	7	on	off	off	on				
	8	off	off	off	on				
	9	on	on	on	off				
	10	off	on	on	off				
	11	on	off	on	off				
	12	off	off	on	off				
	15	on	on	off	off				
	20	off	on	off	off				
	25	on	off	off	off				
	no ticket	off	off	off	off				
The least payout	0					on	on		
	1					**OFF**	**ON**		
	2					on	off		
	3					off	off		

Divide score by number above to payout the required number of tickets.

Example:
Content 2 score 100, then 50 ticket payout.

Input:

INPUT	Content	INPUT	Content	INPUT	Content	INPUT	Content
I1	Coin	**I11**	1#Ladybug_initial	**I21**		**I31**	
I2	Ticket Assy OK	**I12**	1#Score SW	**I22**		**I32**	
I3	Ticket Assy Signal	**I13**	2#Spider_Up	**I23**	*Message input1*	**I33**	
I4	Gun SW	**I14**	2#Spider_Down	**I24**	*Message input2*	**I34**	
I5		**I15**	2#Ladybug_initial	**I25**		**I35**	
I6		**I16**	2#Score SW	**I26**		**I36**	
I7		**I17**	3#Spider_Up	**I27**		**I37**	
I8		**I18**	3#Spider_Down	**I28**		**I38**	
I9	1#Spider_UP	**I19**	3#Ladybug_initial	**I29**		**I39**	
I10	1#Spider_Down	**I20**	3#Score SW	**I30**		**I40**	

Output:

OUTPUT	Content	OUTPUT	Content	OUTPUT	Content	OUTPUT	Content
OUT1	Coin counter	**OUT11**	2#Motor up and down	**OUT21**	1# Lamp	**OUT31**	*3#Ladybug eye light*
OUT2	Ticket counter	**OUT12**	2#Motor direction	**OUT22**	2# Lamp	**OUT32**	*3#Spider eye light*
OUT3	Ticket assy impel	**OUT13**	3#Motor up and down	**OUT23**	3# Lamp	**OUT33**	
OUT4	Gun power	**OUT14**	3#Motor direction	**OUT24**		**OUT34**	
OUT5	Gun kick	**OUT15**		**OUT25**	*Message output1*	**OUT35**	
OUT6		**OUT16**		**OUT26**	*Message output2*	**OUT36**	
OUT7		**OUT17**	1#Spider electromagnet	**OUT27**	*1#Ladybug eye light*	**OUT37**	
OUT8		**OUT18**	2#Spider electromagnet	**OUT28**	*1#Spider eye light*	**OUT38**	
OUT9	1#Motor up and down	**OUT19**	3#Spider electromagnet	**OUT29**	*2#ladybug eye light*	**OUT39**	
OUT10	1#Motor direction	**OUT20**		**OUT30**	*2#spider eye light*	**OUT40**	

LED Display:

Time	Score	*Place （only for connect ver）*	Board with lighting
LED<1>1-3	**LED<1>5-7**	***LED<1> 8***	LED<3-4>

Wrong Display:

If the input signal is not normal when you turn on the machie, the number of the SW with w display on the LED 1#

Enter the test program:

You can enter test program by press the "test" button on the main board.

The way of test:

When enter the test program, the LED displays the number from 1 to 8 then stop and displays "8 7 6 5 4 3 2 1 " at the same time. It tests that the LED is right or not.
Press the "test" button once again, and now the LED displays "1".The LED1,LED2 of 1# station displays the condition of the snap SW.
Press the "test"button again,the LED display "2",the LED displays the number of on-off sw.
Press the "test" button again,and now it displays "3". It tests the input part and output part.

a. OUT1-8: First press the IN9 button then press the input button from IN1 to IN8 button one by one.The output part output the signal.

b.OUT9-16: First press the IN10 button then press the input button from IN1 to IN8 button one by one.The output part output the signal

c. OUT17-24: First press the IN11 button then press the input button from IN1 to IN8 one by one.The output part output the signal.

d. OUT25-32: First press the IN12 button then press the input button from IN1 to IN8 button one by one. The output part output the signal.

e. OUT33-40: First press the IN13 button then press the input button from IN1 to IN8 button one by one.The output part output the signal.

Press the "test" button again,the LED display "4". Press IN1-40 button then corresponding out1-40 will output.
Press the "test" button again. The LED display "5", the out1-40 output with lighting.