PAR LED INSTRUCTION MANUAL

Auto Change

For select "Auto Change" set all DIP-Switch to OFF.

1	2	3	4	5	6	7	8	
								ON
x	x	x	x	x	x	x	x	OFF

For music control set switch to "Music".
For control by VAR set switch to "Auto".

Manual Mode

For select "Manual Mode" set DIP-Switch 7 and 8 ON.

1	2	3	4	5	6	7	8	
						x	x	ON
x	x	x	x	x	x			OFF

For select brightness set dipswitch 1 to 6 to ON:

1	2	3	4	5	6	7	8	
red		green		blue				

1	2	3	4	5	6	7	8	
0%		0%		0%				
						x	x	ON
x	x	x	x	x	x			OFF

1	2	3	4	5	6	7	8	
25%		25%		25%				
x		x		x		x	x	ON
	x		x		x			OFF

1	2	3	4	5	6	7	8	
50%		50%		50%				
	x		x		x	x	x	ON
x		x		x				OFF

1	2	3	4	5	6	7	8	
100%		100%		100%				
x	x	x	x	x	x	x	x	ON
								OFF

Auto Fade

For select "Auto Fade" set DIP-Switch 7 to OFF and 8 to ON.

1	2	3	4	5	6	7	8	
							x	ON
x	x	x	x	x	x	x		OFF

The fade time can be select by set DIP-Switch 1 to 6 to ON:

Dipswitch to ON	fadetime for one pattern
1	2,5s
2	5s
3	10s
4	20s
5	40s
6	80s

If dipswitch 1 to 6 is set to OFF the fade time for one pattern is 10:30min.

The related time of dipswitch 1 to 6 can be added:
Dipswitch 1 and 2 to ON, fade time= 2,5s + 5s = 7,5s

DMX Mode

For select "DMX Mode" set DIP-Switch 8 to OFF and at least one of dipswitch 1 to 7 to ON.
The item use 5 DMX channels for control. Dipswitch 1 to 7 sets the first channel to receive.
The value of dipswitch 1 to 7 is binary coded.

1	2	3	4	5	6	7	8	Dipswitch	first DMX receive channel
x								ON	1
	x	x	x	x	x	x	x	OFF	
	x							ON	2
x		x	x	x	x	x	x	OFF	
		x						ON	4
x	x		x	x	x	x	x	OFF	
			x					ON	8
x	x	x		x	x	x	x	OFF	
				x				ON	16
x	x	x	x		x	x	x	OFF	
					x			ON	32
x	x	x	x	x		x	x	OFF	
						x		ON	64
x	x	x	x	x	x		x	OFF	
x	x							ON	3
		x	x	x	x	x	x	OFF	
x					x			ON	33
	x	x	x	x		x	x	OFF	
		x	x					ON	12
x	x			x	x	x	x	OFF	

1	2	3	4	5	6	7	8	
x								ON
	x	x	x	x	x	x	x	OFF

The items use DMX channel:
CH1, CH2, CH3, CH4, CH5

1	2	3	4	5	6	7	8	
x	x							ON
		x	x	x	x	x	x	OFF

The items use DMX channel:
CH3, CH4, CH5, CH6, CH7

Function of DMX channels:

Channel 1 value	
0 – 63	RGB control, CH2= red, CH3 = green, CH4 =blue
64 – 127	7 color fade, CH5 = speed control
128 – 191	7 color change, CH5 = speed control
192 – 255	3 color change, CH5 = speed control

Channel 2 value	
0 – 255	Red color 0% - 100%

Channel 3 value	
0 – 255	Green color 0% - 100%

Channel 4 value	
0 – 255	Blue color 0% - 100%

Channel 5 value	
0 - 10	no function -no speed
11-100	value 11 to 100, fast speed to low speed
101-150	no function -no speed
151-255	speed controll by unit, by music or VAR