

Channel	Function	Value	Description
CH1	Mode	0~49	Close, laser OFF
		50~99	Sound active mode
		100~149	Auto mode
		150~199	Static patterns of DMX mode
		200~255	Dynamic patterns of DMX mode
CH2	Pattern selection	0~255	52 static/dynamic patterns
CH3	Position-X	0~255	Adjust position-X
CH4	Position-Y	0~255	Adjust position-Y
CH5	Scanning speed	0~255	0 is speedy, 255 is slow
CH6	Dynamic patterns play speed	0~255	0 is speedy, 255 is slow, has ten grade speed
CH7	Static pattern size	0~255	0 is small, 255 is big
CH8	Color Selection	0~255	V, G, S, 3 colors combined
CH9	Color Segment	0~255	Divide into 1 to 51 segment

CH2 Parameter Chart For Function

DMX value	Static patterns	Dynamic patterns	DMX value	Static patterns	Dynamic patterns
0~4	one circle	circle to big	130~134	triangle 2	two hori dot line mov
5~9	empty circle	empty circle to big	135~139	dot triangle 2	vertical line move
10~14	dot circle	dot circle to big	140~144	chiasma line	vert-dot line move
15~19	scan circle	scan circle to big	145~149	chia-dot line	two vertical line mov
20~24	two circle	circle roll	150~154	square	two vert-dot line mov
25~29	three circle	empty circle roll	155~159	dot square	square extend
30~34	four circle	dot circle roll	160~164	rectangle	dot square extend
35~39	two emp-circle	circle turn	165~169	dot rectangle	pentagon extend
40~44	two dot circle	dot circle to add	170~174	many hori-line	square turn
45~49	hor-extend line	circle jump	175~179	many vert-line	pentagon turn
50~54	hori-shrink line	scan circle extend	180~184	tetragon 1	line scan
55~59	hori-flex line	circle flash	185~189	tetragon 2	dot line scan
60~64	horizontal line	empty circle roll	190~194	pentagon 1	wave turn
65~69	hori-dot line	two circle turn	195~199	pentagon 2	dot wave turn
70~74	vertical line	four circle turn	200~204	pentagon 3	wave flowing

DMX value	Static patterns	Dynamic patterns	DMX value	Static patterns	Dynamic patterns
75~79	hori-dot line	diagonal jump	205~209	wave line 1	dot wave flowing
80~84	45° diagonal	sector to big	210~214	wave line 2	sine wave
85~89	dot diagonal	dot sector to big	215~219	wave line 3	dot sine wave
90~94	two hori-line	diagonal move	220~224	wave dot line	tetragon turn
95~99	two hori-dot line	dot diagonal move	225~229	spirality line	pentagon star 1 turn
100~104	two vert-line	long sector round	230~234	welcome	pentagon star 2 turn
105~109	two vert-dot line	short sector round	235~239	horizontal dot	square dot jump
110~114	V line	three line round	240~244	vertical dot	bird fly
115~119	V dot line	hori line move	245~249	many dot 1	many dot jump 1
120~124	triangle 1	hori dot line move	250~254	square dot	V pattern move
125~129	dot triangle 1	two hori line move	255	many dot 2	many dot jump 2

CH8 Parameter Chart For Color Selection

ch8 value	0~29	30~59	60~89	90~119	120~149	150~179	180~209	210~255
color	silver/Y	green/G	Violet/R	S+G	G+V	V+S	V+G+S	moving VGS

NOTE:

- ☐ There are 52 static patterns, the sizes of the patterns that DMX value is 170 previous are adjustable, the following irregular patterns are non-adjustable. There are 52 dynamic patterns, whose sizes are non-adjustable.
- ☐ Only circle pattern has color segment function, it needs to operate with both CH8 and CH9.

Function Setting

Uses dipswitches to assign a unit's function: DMX/slave, or sound active, or AUTO mode. For the unit is DMX mode, set the DMX address. Each dipswitch represents a binary value. See the "Function chart".

O=OFF 1=ON X=OFF or ON

DIPSWITCH CHART										FUNCTION
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	
X	X	X	X	X	X	X	X	0	1	SOUND ACTIVE
X	X	X	X	X	X	X	X	1	1	AUTO MODE
SET DMX ADDRESS FOR DMX MODE									0	DMX / SLAVE

Dipswitch #10 is use to set master or slave mode. Master modes have sound active and AUTO mode. Slave modes have DMX and Slave mode. The units automatically identify