



1. Laser Emitting      2. LCD Indicator for working mode      3. Function Selector      4. Sound Active Microphone  
 5. Power Indicator:Red      6. Sound Active Indicator:Blue. The LED will twinkle when a stimulated sound signal is received form the MIC      7. Cooling Fan      8. DMX or Linking Jack      9. ILDA interface with DB25 jack  
 10. Power jack      11. Audio sensitivity knob      12. Power switch ON/OFF

### Sound Active

The change of the laser pattern is controlled by sound, that is, the rhythm of the sound control the effect of the changing laser pattern.

### AUTO

Auto cycles the built-in programs without being controlled externally. It has no laser OFF.

### DMX Control

The system only accepts the DMX512 signal of international standard to control the system.

DMX Control Parameter Chart

Channel	Function	Value	Description
CH1	Mode	0~63	Close, laser OFF
		64~127	Sound active mode
		128~191	AUTO mode
		192~255	DMX mode
CH2	Horizontal Position	0~255	0 to 540°
CH3	Horizontal Speed	0~255	Slow to Speedy
CH4	Vertical Position	0~255	0 to 270°
CH5	Vertical Speed	0~255	Slow to Speedy
CH6	Patterns	0~207	103 geometric figures
		208~255	10 animations
CH7	Laser Change Effect	0~1	Close, laser OFF
		2~69	R-G-B-RG-RB-GB-RGB
		70~79	R-G-B in 8 points
		80~89	RG-RB-GB-RGB in 8 points

CH7	Laser Change Effect	90~99	R-G-B-RG-RB-GB-RGB in 8 points
		100~109	R-G-B-RG-RB-GB-RGB in flowing
		110~119	R-G-B in inflection point
		120~129	RG-RB-GB-RGB in inflection point
		130~139	R-G-B-RG-RB-GB-RGB in inflection point
		140~179	R-G-B in AUTO
		180~219	RG-RB-GB-RGB in AUTO
		220~255	R-G-B-RG-RB-GB-RGB in AUTO
CH8	Moving-X	0~127	Manual to left/right moving
		128~160	Auto to left moving
		161~192	Auto to right moving
		193~224	Auto to left/right moving
		225~255	Jumping
CH9	Moving-Y	0~127	Manual to up/down moving
		128~160	Auto to down moving
		161~192	Auto to up moving
		193~224	Auto up/down moving
		225~240	Jumping
		241~255	Square moving
CH10	X Dimmer	0~150	Dimmer manaul
		151~255	Dimmer Auto
CH11	Y Dimmer	0~150	Dimmer manaul
		151~255	Dimmer Auto
CH12	Rotation	0~180	Manually rotation
		181~224	Auto clockwise rotation
		225~255	Auto counter clockwise rotation
CH13	Zoom(+/-)	0~10	no motion
		11~115	Manual zoom(+/-)
		115~170	Auto zoom(+)
		171~210	Auto zoom(-)
		211~255	Auto zoom(-/+)
CH14	Display Dot	0~64	Manually dot
		65~255	Auto dot
CH15	Sine wave fluctuation	0~64	X fluctuation Manual
		65~127	X fluctuation AUTO
		128~192	Y fluctuation Manual
		193~255	Y fluctuation AUTO

### Function setting

If it is set to ILDA mode (use PC software to control laser light), just need to connect ILDA signal to DB25 jack. If set to Built-in program, then ILDA signal cannot be connected, setting dipswitches directly is ok. ILDA mode (PC control) and Built-in program mode can be identified and transitioned automatically.

### DMX address calculation

For DMX mode, DMX address from #1 to 9# dipswitches must be set, the address is set from 1 to 511. Each dipswitch represents a binary value.

Dipswitch	Value	Dipswitch	Value
# 1	1	# 6	32
# 2	2	# 7	64
# 3	4	# 8	128
# 4	8	# 9	256
# 5	16	# 10	DMX, Set to "1"