

12	RGB	153-169	White, red, green, blue, yellow, violet, cyan, seven color partition
		170-186	White, red, green, blue four color flow
		187-203	Blue, yellow, violet, cyan four color flow
		204-220	Blue, yellow, violet, cyan four color flow
		221-237	According breakpoint partition display
		238-255	Audio discolor
	RGY	0-27	White
		28-55	Red
		56-83	Green
		84-111	Yellow
		112-139	Red, green double color partition
		140-167	White, red, green, blue four color partition
		168-195	Red, green double color flow
		196-223	White, red, green, blue four color flow
224-255	Audio discolor		
13	Display Mode	0-63	Normal display
		64-127	Highlights display
		128-191	Partition display
		192-255	Point display

### III. Third: Attention

1. This system only support FAT32 file system, if use a new SD Card, first formatted as FAT32 format.
2. This system only support short file name, file name(including folder name)maximum of 8-bit file name and 3-bit extend name, file name and extend name composed by letters、 numbers and underscores. File name can't surpass 8-bit, without Chinese characters, if not system can't identification.
3. SD Card need profile card private, don't mixed store with other file, maximum can support 100 folder, every folder maximum can store 255 file.
4. Program list: User can use Text editor (Notepad) edit program list, its extend name is . PRG. Program list composed by play file name、 play speed、 play time, the middle with “ , ” separated. Every line edits one program item. For example one program composed by three files file1.ild、 file2.ild、 file3.ild、 File1.ild pay speed is 12K, repeat play three times, file2.ild play speed is 20K,play one time, file3.ild play speed is 18K, play four times. So prg1.prg content as follows:

File1.ild,12,3

File2.ild,20,1

File3.ild,18,4

When create one folder, need to create a folder under the file folder with the same name as the PRG file, and put the folder in all the required documents to the PRG file editing, at this time edited play speed is the play speed o “Key seek” mode. For example,blow aurora folder create one aurora. Prg file,After add ILDA file, needadd this file to prg file, in order to correctly find this file when we select play file on the keyboard, and play the file with you required speed.

5. This system support file is standard ILDA format file, that is meaning extend name is ILD file

# Laser Show System

## User ' s Manual

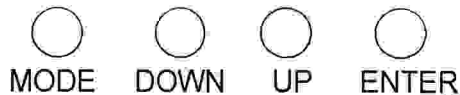
### Cartoon Laser Light

Please read this manual carefully before use!

# User's Manual

## SD Card Laser Light Control System

### I .First: Key Operate



As the figure shown:

Mode is Menu Key, ENTER is ensure key, UP is flip, DOWN is next. After opening, Machine state is saved when the last shutdown state, This time, Press MODE key to exit the mode selection menu, LCD.

First line display “mode select”, The second line display Operate Mode:

#### Program Table

#### Key Seek

Audio Mode

Auto Mode

DMX Mode

Slave Mode

System set can set color mode, Audio sensor effect, X/Y phase

System Set working file set

Repeat press “MODE” key jump to the working mode you want, press “ENTER” key ensure.

### Mode State and operate

1. Program Table: LCD first line display “SD Program Show”, Second line display current list of player names, that time, press “UP” and “DOWN” select play list.

2. Key Seek: LCD first line display “Show File”, Second line display current play ILDA file document name, that time, press “UP” and “DOWN” select ILDA file.

3. Audio Mode: LCD first line display “Audio show”, Second line display System Development Company Name “Aurora Studio”, that time, play card interior integrated program, the rhythm and the sound effect changed by the environment

4. Auto Mode: LCD first line display “Auto Show”, Second line display System Development Company Name “Aurora Studio”, that time, play card interior integrated program.

5. DMX Mode: LCD first line display current DMX address, press “UP” address add 1, press “Down” address Subtract 1, continuously press “UP” or “DOWN” will fast continuously change. When adjust to required “DMX” address, press “ENTER” ensure.

6. Slave Mode: At this time play state according Master mode change to change  
 7. System set: LCD first line display "System Set", Second line display setting parameters, that time continuously press "UP" or "DOWN" select required setting parameters, then press "ENTER" ensure, "Color Mode Set" color mode setting, "Audio Set" audio effect setting, "Phasic Set" phase setting.  
 8. Folder set: LCD first line display "Folder Select", Second line display folder name, press "UP" or "Down" to required folder, press "ENTER" ensure.

## II. Second: Channel Description

Channel Description			
Channel	Value	Control Description	
1	Mode Select	0-73	Light Shut Off
		74-110	PRG Mode
		111-147	ILD Mode
		148-184	Audio
		185-221	Auto
		222-255	Manually Mode
2	Graphic/ Folder Select	0-255	Manually Mode <small>Graphic change, per 2 value is one graphic</small> PRG/ILD Mode Folder select
3	Strobe/ Folder Select	0-10	Without Strobe
		11-199	Auto Strobe
		200-255	Audio Strobe
4	X-axis direction moving	0-125	Manually adjust location
		126-185	Auto left and right cycle move
		186-225	Auto jump left and right cycle move
		226-245	Auto without rule jump
		246-255	Audio without rule jump
5	Y-axis direction moving	0-125	Manually adjust location
		126-185	Auto up and down cycle move
		186-225	Auto jump up and down cycle move
		226-245	Auto without rule jump
		246-255	Audio without rule jump
6	Zooming	0-10	Without zooming
		11-100	Manually adjust the size
		101-15	Enlarge
		151-200	Shrink
		201-255	Cycle Shrink

7	Around X-axis rotating	0-10	Without rotating		
		11-110	Manually adjust		
		111-255	Auto rotating		
8	Around Y-axis rotating	0-10	Without rotating		
		11-110	Manually adjust		
		111-255	Auto rotating		
9	Around Center rotating	0	Without rotating		
		1-180	Manually adjust		
		181-217	Auto clockwise rotating		
		218-255	Auto counterclockwise rotating		
		10	Drawing	0-10	Without change
				10-74	Manually adjust rotating
75-104	Auto drawing ( Add )				
105-144	Auto drawing ( Subtract )				
145-184	Auto cycle drawing				
185-224	Auto end to end drawing(Add)				
225-255	Auto end to end drawing ( Subtract )				
11	Waving	0-9	Without waving		
		10-199	Waving speed can adjust		
		200-255	Waving width can adjust		
	Color				
12	RGB	0-16	White		
		17-33	Red		
		34-50	Green		
		51-67	Blue		
		68-84	Yellow		
		85-101	Violet		
		102-118	Cyan		
		119-135	White, red, green, blue four color partition		
		136-152	Blue, yellow, violet, cyan four color partition		