



TM

# Seven Stars K1000

## User Manual



## Introduction:

Thank you for your purchase. Please read this user manual for your own safety.  
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## Inspection:

Please check for the following contents:

1. K1000
2. Power cable
3. DMX cable
4. User manual

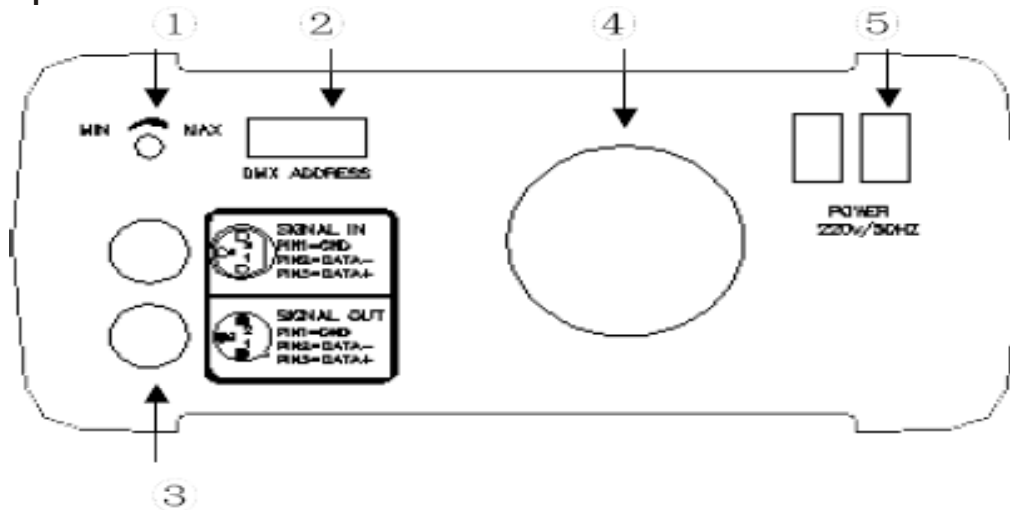
## Specifications:

Features: Diode Solid State Pumped Laser (DPSS)  
Wavelength: 532nm, Emerald Green  
Cooling: TEC  
Power Supply: 110 or 220V  
Power Rate: 30 watts  
Output Power: 100mW  
Diode Life: 3000 hours  
Control: DMX/Sound Control/Single Pattern  
DMX Channels: 7  
Motor: N1.8 High Precision Step Motor  
Functions: 20 preset patterns  
Display Effects: Tunnel, Fan, Space Tunnel, Fairy Flower  
Dimensions: 450mmx60x150mm  
Net Weight: 6.8Kg

## Warning:

- Keep away from flammable objects.
- Keep away from children.
- The laser is classified as Class 3b, which must not be pointed into the eyes. Permanent eye damage can occur.

## Operation:



1. Sound Sensitivity Knob
2. Binary DIP Switch
3. DMX Input/Output Conversion
4. Air Cooling Fan
5. Power Connection

## Installation:

- Connect the DMX cable into the DMX input or output of the device to the DMX-512 controller
- Set the appropriate 'Digital No.' to activate the DMX-512 control (default Digital No. is 1)
- Follow the 'DMX Operation' to control the DMX-512 controller properly.
- The unit can be laid down or on the side or mounted.
- The blue LED will light up for sound operation in front of the unit.
- Adjust the sound knob in the direction of 'max' to increase the sensitivity.








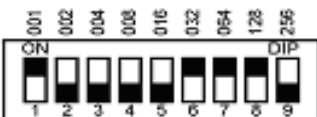



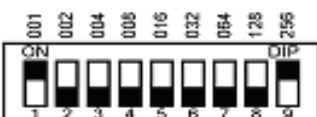










**DMX Operation:**

<b>Channel No.</b>	<b>DMX-512</b>	<b>Content</b>
<b>Channel 1</b>	0~63	Sound Control
	64~127	Single Pattern
	128~191	Auto Play
	192~255	Shut Off
<b>Channel 2</b>	0~6	Horizontal Fan
	7~13	Special Fan
	14~20	Vertical Fan
	21~27	Special Tilt Line
	28~34	Time & Space Tunnel 1
	35~41	Time & Space Tunnel 2
	42~48	Rotating Circle Zoom 1
	49~55	Rotating Circle Zoom 2
	56~62	Clockwise Rotating Circle
	63~69	Anti-Clock Rotating Circle
	70~76	Star with 4 Angle
	77~83	Wave Line
	84~90	Special Wave Line
	91~97	Flying Bird
	98~104	Special Flying Bird
	105~111	Rectangle
	112~118	Special Rectangle
	119~125	Rectangle Zoom
	126~132	Rotating Bar
	133~139	Special Rotating Bar
	140~146	Triangle Zoom
	147~153	Rotating Bar
	154~160	Special Rotating Bar
	161~167	Rotating Line
	168~174	Pentagon 1
	175~181	Pentagon 2
	182~188	Bar
	189~195	Special bar
	196~202	Crossing Line
	203~209	Jumping Dot
210~216	Dot	
217~223	Pan Line	
224~230	Tilt Line	
231~237	Rotating Line	
238~244	Rectangle	
245~255	Circle	
<b>Channel 3</b>	0~255	Dot Scan
<b>Channel 4</b>	0~255	Line Scan
<b>Channel 5</b>	0~255	X Axis Scan
<b>Channel 6</b>	0~255	Y Axis Scan
<b>Channel 7</b>	0~255	Zoom

**DMX Channel Settings:**

<b>No.</b>	<b>Digital No.</b>	<b>No.</b>	<b>Digital No.</b>
<b>1st</b>	1	<b>6th</b>	32
<b>2nd</b>	2	<b>7th</b>	64
<b>3rd</b>	4	<b>8th</b>	128
<b>4th</b>	8	<b>9th</b>	256
<b>5th</b>	16	<b>10th</b>	Function Switch

\*Digital No. identifies the channel section (i.e 1-16, 17-32, 33-48, etc)

<b>No.</b>	<b>Digital No.</b>	<b>Binary</b>	<b>No.</b>	<b>Digital No.</b>	<b>Binary</b>
1	001		12	177	
2	017		13	193	
3	033		14	209	
4	049		15	225	
5	065		16	241	
6	081		17	257	
7	097		18	273	
8	113		19	289	
9	129		20	305	
10	145		21	321	
11	161		22	337	

**Maintenance:**

1. Clean the lens of the diodes regularly. Dust will lower the output power of the laser.
2. Use a dry cloth to clean all parts.
3. Chemicals or wet cloths may damage the unit.

**Troubleshooting:**

Q: I have turned on the laser but there is no power?

A: Please check the cable if it's inserted all the way.

Q: The laser is working but the effects are not changing, why is that?

A: Adjust the sound knob so the built-in microphone can react to the sound.

Q: It still doesn't work, what should I do?

A: If all else fails, turn off the system, wait about 2 minutes and turn it back on.

**Statement:**

Any misuse, abuse, neglect or repair done by the owner of the device resulting in any damage will void any warranty. Please follow the instructions and make sure everything is properly connected before turning on the device. Make sure the proper voltage is matched. Wrong voltage may result in smoke, overheating and explosion.

