

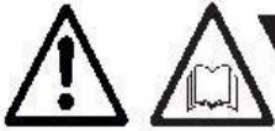
RGB laser beam strobe bar light

User Manual



CE   IP20 LED  0.2m $t_a 40^{\circ}\text{C}$ $t_c 150^{\circ}\text{C}$

Safety Information



WARNING! Read the safety precautions in this section before unpacking, installing, powering or operating this product.

The RGB laser beam strobe bar light is a multi-environmental fixture with an ,intended for professional use only.

It is not suitable for household use.

Review the following safety precautions carefully before installing or operating the fixture. This fixture must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the fixture and the hazards involved.

Preventing electric shock



WARNING! Risk of electric shock.

- Ways power off/unplug the fixture before removing any covers.
- Ensure that the power is turned off when connecting the fixture to the AC mains supply.
- Ensure that the fixture is electrically connected to earth (ground).
- Do not apply power if the fixture is in any way damaged.

Preventing burns and fire



WARNING! Take measures to prevent burns and fire.

- Install only in a well-ventilated space.
- Install at least 0.3 m (12 in.) away from objects to be illuminated.
- Install only in accordance with applicable building codes.
- Do not paint, cover or modify the fixture.
- Install in a location that prevents accidental contact with the fixture.
- Do not filter or mask the light.
- Keep all flammable materials away from the fixture.

Avoid personal injury



WARNING! Take measure to prevent personal injury.

- Do not look directly at the light source from close range.
- Take precautions to prevent injury due to falls when working at height.
- For temporary installation with brackets, ensure that they are fastened properly and secured with a suitable safety cable
- The cable must be approved for a safe working load (SWL) of 10 times the weight of the fixture, and it must have a minimum gauge of 3 mm

SPECIFICATION

Rated voltage: AC95V-245V, 50/60Hz

Power rating: 200W

Laser color: RGB 3in1 light

Laser source: RGB 3in1 500Mw *6PCS R300MW, G80MW, B120MW

Happy Valley Light Source: 5050 3 in 1 0.3W * 480PCS

Light source: CREE LED5W * 8PCS

Modulation signal: TTL modulation signal

Control mode: DMx512 signal control, self-running mode, voice control mode, master-slave mode

Control channel: 23/29/74 DMX512 channels

X-ray scanning: electrode less scanning

Y-scan: 0-120 degrees

Scanning system:stepper motor

Working environment: indoor

Lamp size: 85*9*32CM

Packing size: 92*27*35CM

Net weight: 15.5Kg

Gross weight: 17Kg

Menu Function

DMX ADDRESS	A001---A512 ADDRESS
CHANNEL MODE	23CH,29CH,74CH CHANNEL OPTION
SHOW MODE	SOUND AUTO, EFFECT OPTIONS
SLAVE MODE	MASTER, SLAVE, OPTIONS
SOUND SENSE	SOUND SENSITIVITY (0-100)
PAN INVERSE	YES, NO HORIZONTAL REVERSE
TILT1 INVERSE	YES, NO VERTICAL REVERSE
TILT2 INVERSE	YES, NO VERTICAL REVERSE
TILT3 INVERSE	YES, NO VERTICAL REVERSE
TILT4 INVERSE	YES, NO VERTICAL REVERSE
TILT5 INVERSE	YES, NO VERTICAL REVERSE
TILT6 INVERSE	YES, NO VERTICAL REVERSE
BACK LIGHT	ON, OFF BACK LIGHT SWITCH
AUTO TEST	AUTOMATIC TESTING
FIXTURE TIME	0----9999 MACHINE USAGE TIME
FACTORY DEFAULTS	YES, NO RESET
SYSTEM RESET	YES, NO WHOLE MACHINE RESET

DMX channel function

23CH

X motor running	0---127 0° -----360° positioning	
	128 --191 Infinitely rotating clockwise from fast to slow	
	192---255 Infinitely rotate counterclockwise from slow to fast	
X-axis motor speed	0---255 speed from fast to slow (valid for CH1 0---127)	
Y1 axis motor stroke	0---255 0° -----202.5° positioning	
Y2 axis motor stroke	0---255 0° -----202.5° positioning	
Y3 axis motor stroke	0---255 0° -----202.5° positioning	
Y4 axis motor stroke	0---255 0° -----202.5° positioning	
Y5 axis motor stroke	0---255 0° -----202.5° positioning	
Y6 axis motor stroke	0---255 0° -----202.5° positioning	
Y1--Y6 axis motor overall control	0 No function 1---255 0° -----202.5° positioning	
Y-axis motor speed	0---255 speed from fast to slow	
Motor self-propelled	0---15 no function	
	16---31	Self-propelled effect 1 (X controllable)
	32---47	Self-propelled effect 2 (X controllable)
	48---63	Self-propelled effect 3 (X controllable)
	64---79	Self-propelled effect 4 (X controllable)
	80---95	Self-propelled effect 5 (X controllable)
	96---111	Self-propelled effect 6(X controllable)
	112---127	Self-propelled effect 7 (X controllable)
	128---143	Self-propelled effect 1 (X uncontrollable)
	144---159	Self-propelled effect 2 (X uncontrollable)
	160---175	Self-propelled effect 3 (X uncontrollable)
	176---191	Self-propelled effect 4 (X uncontrollable)
	192---207	Self-propelled effect 5 (X uncontrollable)
	208---223	Self-propelled effect 6 (X uncontrollable)
	224---239	Self-propelled effect 7 (X uncontrollable)
240---255	no functions	
Motor self-propelled speed	self-propelled speed from fast to slow	
Total dimming	0--255 0---100% brightness from dark to bright	
Stroboscopic	0---15 no flicker	16---255 stroboscopic speed from slow to fast
Laser self-propelled effect	0---7 no function	8 red
	9 green	10 blue
	11 red + green	12 red + blue
	13 green + blue	14 red + green + blue
	16---25 effect 1	26---35 effect 2
	36---44 effect 3	45---54 effect 4
	55---63 effect 5	64---73 effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect16
	170---179 effect 17	180---188effect18
	189---198 effect19	199---207effect20

	208---217 effect 21	218---227 effect 22
	228---236 effect 23	237---246effect 24
	247---255 effect 25	
Laser self-propelled effect color	RGB 7 kinds of predetermined colors are optional	
Laser self-propelled effect speed	0---255 speed from fast to slow	
LED beam lamp bead effect	0---7 no function	8--15 full bright
	16---25 effect 1	26---35 effect 2
	36---44 effect 3	45---54 effect 4
	55---63 effect 5	64---73 effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect10
	112---121 effect11	122---131 effect 12
	132---140 effect13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179effect 17	180---188 effect 18
	189---198 effect 19	199---207 effect 20
	208---217 effect 21	218---227 effect 22
	228---236 effect 23	237---246 effect 24
	247---255 effect 25	
LED beam effect speed	0---255 self-propelled speed from fast to slow	
5050RGB lamp bead effect	0---7 no function	8 red
	9 green	10 blue
	11 red + green	12 red + blue
	13 green + blue	14 red + green + blue
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
208---217 effect 21	218---227 effect 22	
228---236 effect 23	237---246 effect 24	
247---255 effect 25		
5050RGB lamp bead effect color	RGB 7 kinds of predetermined colors are optional	
5050RGB lamp beads effect speed	speed from fast to slow	
Whole machine reset	0--127 no function	
	128--255 reset (DMX value stays for 5 seconds to take effect)	

Total dimming	0--255 0---100% brightness from dark to bright	
Strobe	0---15 no strobe	16---255 strobe speed from slow to fast
Motor self-propelled	0---15 no function	16---31 Self-propelled effect 1 (X controllable)
	32---47 Self-propelled effect 2 (X controllable)	
	32---47 Self-propelled effect 2 (X controllable)	
	48---63 Self-propelled effect 3 (X controllable)	
	64---79 Self-propelled effect 4 (X controllable)	
	80---95 self-propelled effect 5 (X controllable)	
	96---111 Self-propelled effect 6 (X controllable)	
	112---127 Self-propelled effect 7 (X controllable)	
	128---143 Self-propelled effect 1 (X uncontrollable)	
	144---159 Self-propelled effect 2 (X uncontrollable)	
	160---175 Self-propelled effect 3 (X uncontrollable)	
	176---191 Self-propelled effect 4 (X uncontrollable)	
	192---207 Self-propelled effect 5 (X uncontrollable)	
	208---223 Self-propelled effect 6 (X uncontrollable)	
	224---239 Self-propelled effect 7 (X uncontrollable)	
240---255 No function		
Motor self-propelled speed	self-propelled speed from fast to slow	
X-axis motor stroke	0---127 0° -----360° positioning	
	128---191 Infinitely rotating clockwise from fast to slow	
	192---255 Counterclockwise from slow to fast, endless rotation	
X axis motor speed	0---255 speed from fast to slow (valid when CH1 0---127)	
Laser self-propelled effect	0---7 no function	8 red
	9 green	10 blue
	11 red + green	12 red + blue
	13 green + blue	14 red + green + blue
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
	208---217 effect 21	218---227 effect 22
228---236 effect 23	237---246 effect 24	
247---255 effect 25		
laser auto effect	RGB 7default colors laser auto	
speed	0---255fast to slow	
Y1--Y6Axis motor overall control	0 no functions 1---255 0° -----202.5° positioning	
Y motor speed	0---255 fast to slow	
Y1 motor running	0---255 0° -----202.5° positioning	
L1 laser RGB mixed	0---255 RGB 7 default color	
Y2 motor running	0---255 0° -----202.5° positioning	

L2 laser RGB mixed	0---255	RGB 7 default color
Y3 motor running	0---255	0° -----202.5° positioning
L3laser RGB mixed	0---255	RGB 7default color
Y4motor running	0---255	0° -----202.5° positioning
L4 laser RGB mixed	0---255	RGB 7default color
Y5motor running	0---255	0° -----202.5° positioning
L5 laser RGB mixed	0---255	RGB 7default color
Y5motor running	0---255	0° -----202.5° positioning
L4 laser RGB mixed	0---255	RGB 7default color
Y5motor running	0---255	0° -----202.5° positioning
L5 laser RGB mixed	0---255	RGB 7default color
motor running	0---255	0° -----202.5° positioning
L6 laser RGB mixed	0---255	0° -----202.5° positioning
LED59. Beam lamp bead effect	0---7 no function	8--15 full bright
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
	208---217 effect 21	218---227 effect 22
	228---236 effect 23	237---246 effect 24
247---255 effect 25		
Effect speed	0---255 self-propelled speed from fast to slow	
5050RGB lamp bead effect	0---7 no function	8 red
	9 green	10 blue
	11 red+green	12 red+blue
	13 green+blue	14 red+green+blue
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
208---217 effect 21	218---227 effect 22	
228---236 effect 23	237---246 effect 24	
247---255 effect 25		
5050RGB lamp beads effect color	RGB 7 kinds of predetermined colors are optional	
5050RGB lamp beads effect speed	speed from fast to slow	
Whole machine reset	0--127 no function	
	128--255 reset (DMX value stays for 5 seconds to take effect)	

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X motor running	0---127	0° -----360° positioning
	128---191	Infinitely rotating clockwise from fast to slow
	192---255	Infinitely rotating clockwise from fast to slow
X motor running 16BIT	0---255	X-axis 16BIT fine-tuning
X motor speed	0---255	Speed from fast to slow (valid at CH1 0---127)
Y1 motor running	0---255	0° -----202.5° positioning
Y2 motor running	0---255	0° -----202.5° positioning
Y3 motor running	0---255	0° -----202.5° positioning
Y4 motor running	0---255	0° -----202.5° positioning
Y5 motor running	0---255	0° -----202.5° positioning
Y6 motor running	0---255	0° -----202.5° positioning
Y1--Y6Axis motor overall control	0 No function 1---255	0° -----202.5° positioning
Y motor speed	0---255	speed fast to slow
Motor self-propelled	0---15	no function
	16---31	Self-propelled effect 1 (X controllable)
	32---47	Self-propelled effect 2 (X controllable)
	48---63	Self-propelled effect 3 (X controllable)
	64---79	Self-propelled effect 4 (X controllable)
	80---95	self-propelled effect 5 (X controllable)
	96---111	Self-propelled effect 6 (X controllable)
	112---127	Self-propelled effect 7 (X controllable)
	128---143	Self-propelled effect 1 (X uncontrollable)
	144---159	Self-propelled effect 2 (X uncontrollable)
	160---175	Self-propelled effect 3 (X uncontrollable)
	176---191	Self-propelled effect 4 (X uncontrollable)
	192---207	Self-propelled effect 5 (X uncontrollable)
	208---223	Self-propelled effect 6 (X uncontrollable)
224---239	Self-propelled effect 7 (X uncontrollable)	
240---255	No function	
Motor self-propelled speed	self-propelled speed from fast to slow	
Total dimming	0---255	0---100% brightness from dark to bright
Strobe	0---15	no strobe 16---255 strobe speed from slow to fast
L1 laser red dimming	0---255	0---100% brightness from dark to bright
L1 laser green dimming	0---255	0---100% brightness from dark to bright
L1 laser blue dimming	0---255	0---100% brightness from dark to bright
L2 laser red dimming	0---255	0---100% brightness from dark to bright
L2 laser green dimming	0---255	0---100% brightness from dark to bright
L2 laser blue dimming	0---255	0---100% brightness from dark to bright
L3 laser red dimming	0---255	0---100% brightness from dark to bright
L3 laser green dimming	0---255	0---100% brightness from dark to bright
L3 laser blue dimming	0---255	0---100% brightness from dark to bright
L4 laser red dimming	0---255	0---100% brightness from dark to bright
L4 laser green dimming	0---255	0---100% brightness from dark to bright
L4 laser blue dimming	0---255	0---100% brightness from dark to bright
L5 laser red dimming	0---255	0---100% brightness from dark to bright
L5 laser green dimming	0---255	0---100% brightness from dark to bright
L5 laser blue dimming	0---255	0---100% brightness from dark to bright

L6 laser red dimming	0---255 0---100% brightness from dark to bright	
L6 laser green dimming	0---255 0---100% brightness from dark to bright	
L6 laser blue dimming	0---255 0---100% brightness from dark to bright	
Laser self-propelled effect	0---7 no function	8 red
	9 green	10 blue
	11 red+green	12 red+blue
	13 green+blue	14 red+green+blue
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
	208---217 effect 21	218---227 effect 22
	228---236 effect 23	237---246 effect 24
247---255 effect 25		
Laser self-propelled effect color	RGB 7 kinds of predetermined colors are optional	
Laser self-propelled effect speed	0---255 speed from fast to slow	
LED1 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED2 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED3 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED4 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED5 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED6 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED7 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED8 beam lamp bead dimming	0---255 0---100% brightness from dark to bright	
LED beam lamp bead effect	0---7 no function	8--15 all bright
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
	208---217 effect 21	218---227 effect 22
	228---236 effect 23	237---246 effect 24
	247---255 effect 25	
Effect speed	0---255 self-propelled speed from fast to slow	
The first group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The first group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The first group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The second group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The second group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	

The second group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The third group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The third group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The third group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The fourth group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The fourth group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The fourth group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The fifth group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The fifth group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The fifth group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The sixth group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The sixth group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The sixth group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The seventh group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The seventh group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The seventh group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
The eighth group of 5050 lamp beads red dimming	0---255 0---100% brightness from dark to bright	
The eighth group of 5050 lamp beads green dimming	0---255 0---100% brightness from dark to bright	
The eighth group of 5050 lamp beads blue dimming	0---255 0---100% brightness from dark to bright	
5050RGB lamp bead effect	0---7 no function	8 red
	9 green	10 blue
	11 red+green	12 red+blue
	13 green+blue	14 red+green+blue
	16---25 Effect 1	26---35 Effect 2
	36---44 Effect 3	45---54 Effect 4
	55---63 Effect 5	64---73 Effect 6
	74---83 effect 7	84---92 effect 8
	93---102 effect 9	103---111 effect 10
	112---121 effect 11	122---131 effect 12
	132---140 effect 13	141---150 effect 14
	151---159 effect 15	160---169 effect 16
	170---179 effect 17	180---188 effect 18
	189---198 Effect 19	199---207 Effect 20
	208---217 effect 21	218---227 effect 22
	228---236 effect 23	237---246 effect 24
247---255 effect 25		
5050RGB lamp beads effect color	RGB 7 kinds of predetermined colors are optional	
5050RGB lamp beads effect speed	Speed from fast to slow	
Whole machine reset	0--127 no function	
	128--255 reset (DMX value stays for 5 seconds to take effect)	