

# Kinetic Laser Football

## User Manual



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# DMX Setting

## 1.DMX Address

This option is used to set the DMX communication address, with address codes from 001 to 512 to choose from. Press the "Enter" key to enter the settings, press the "UP" key to increase the address number, and press the "DOWN" key to decrease the address number. After selecting the address, press "Enter" to save and return to the main menu.

## 2.Channel Mode

This option is used to set the channel mode of the lighting fixture. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to select the channel mode. There are "12CH Mode", "30CH Mode", and "62CH Mode". After selecting the channel mode, press "Enter" to save and return to the main menu.

# Basic Setting

## 1.Running Mode

This option is used to set the operating mode of the lighting fixture. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to select the operating mode. The operating modes include "DMX (console mode)", "Sound (voice control mode)", "Auto (self-propelled mode)", and "Manual". After selecting the operating mode, press "Enter" to save and exit the main menu.

## 2.Auto Speed

This option is used to set the self-propelled speed of the lighting fixture. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to select the self-propelled speed mode. There are ten speeds from 0-9 to choose from.

## 3.Lost Signale

This option is used to set the selection of whether to keep or clear the original data of the lighting fixture after disconnecting from the DMX console signal. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to select. There are "Hold" and "Clear" options available. After selecting, press "Enter" to save and exit the main menu.

## 4.Language

This option is used to set the display language of the lighting menu. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to select the language. The language settings include "CH. (Chinese)" and "EN. (English)". After selecting, press "Enter" to save and exit the main menu.

## 5.Display Inverse

This option is used to set the reverse display of the light fixture color screen. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to make a selection. The reverse settings include "No" and "Yes". After selecting, press "Enter" to save and exit the main menu.

## 6.Back Lighting

This option is used to set the LCD backlight. Press the "Enter" key to enter the settings. Press the "UP" or "DOWN" key to select the switch for the LCD backlight. Selecting "On" means that the LCD backlight stays on for a long time without turning off, while selecting "Off" means that it will turn off continuously for 60

seconds without any button operation until it is turned back on when there is a button operation. After selecting the settings, press "Enter" to save and exit back to the main menu.

## **7.Auto Test**

This option is for automatic testing selection of lighting fixtures. Press the "Enter" key to enter the settings, press the "UP" or "DOWN" key to choose whether to perform automatic testing operation. Select "No" to indicate no automatic testing, select "Yes" to indicate automatic testing. After selecting, press "Enter" to save and exit the main menu.

## **8.Factory Defaults**

This option is used to select whether the lamp should be restored to factory settings. Press the "Enter" key to enter the settings, press the "UP" or "DOWN" key to select whether to perform the factory reset operation. All parameters should be restored to factory settings. Select "No" to not restore the factory settings, select "Yes" to restore the factory settings, and press "Enter" to save and exit the main menu.

# **Advanced(password:888)**

## **1.Motor Offset**

This option is for fine-tuning the initial position of the X-axis. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to adjust the initial position. There is a range of values from -127 to 127 to choose from. After confirming the initial position, press "Enter" to save and exit the main menu.

## **2.Led Power Red**

This option is for adjusting the power of the red LED bead. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of the white color within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **3.Led Power Green**

This option is for adjusting the power of green LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the white brightness within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **4.Led Power Blue**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **5.5050 Power Red**

This option is for adjusting the power of the red LED bead. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of the white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **6.5050 Power Green**

This option is for adjusting the power of green LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the white brightness within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **7.5050 Power Blue**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **Manual Program**

### **1.Motor**

This option is used to program the motor stroke. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the stroke. There is a range of 0-255 values to choose from. After confirmation, press "Enter" to save and exit the main menu.

### **2.Motor 16BIT**

This option is used to program and set the motor. Press the "Enter" key to enter the settings, press the "UP" or "DOWN" key to adjust the stroke, and there is a range of 0-255 values to choose from. After confirmation, press "Enter" to save and exit the main menu.

### **3.Motor Speed**

This option is used to program the motor speed. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the stroke. There is a range of 0-255 values to choose from. After confirmation, press "Enter" to save and exit the main menu.

### **4.Dimmer**

This option is used to program the brightness of the LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to adjust the travel. There is a range of 0-255 values to choose from. After confirmation, press "Enter" to save and exit the main menu.

### **5.Strobe**

This option is used to program the flashing of the LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" keys to adjust the travel. There is a range of 0-255 values to choose from. After confirmation, press "Enter" to save and exit the main menu.

### **6.Laser RGB1**

This option is for adjusting the power of the red LED bead. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of the white color within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

### **7.Laser RGB2**

This option is for adjusting the power of green LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the white brightness within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

### **8.Laser RGB3**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

### **9.Laser RGB4**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

### **10.Laser RGB5**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

### **11.Laser RGB6**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **12.Laser RGB7**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **13.Laser RGB8**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **14.SMD5050-1(Auxiliary light aperture 1)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **15.SMD5050-1(Auxiliary light aperture 2)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **16.SMD5050-1(Auxiliary light aperture 3)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **17.SMD5050-1(Auxiliary light aperture 4)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **18.SMD5050-1(Auxiliary light aperture 5)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **19.SMD5050-1(Auxiliary light aperture 6)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **20.SMD5050-1(Auxiliary light aperture 7)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **21.SMD5050-1(Auxiliary light aperture 8)**

This option is for adjusting the power of blue LED beads. Press the "Enter" key to enter the settings, and press the "UP" or "DOWN" key to adjust the brightness of white light within the range of 0-255. After confirming the color brightness, press "Enter" to save and exit the main menu.

## **Sys-Information**

### **1.Ver**

This option displays the software version information of the lighting fixture.

### **2.Used Time**

This option displays the cumulative usage time information of the lighting fixture.

### **3.Encode**

This option displays the optocoupler information of the lamp, with "Err" indicating an error and "Nor" indicating a correct display.

#### 4.Sensor

This option is for the Hall information display of the lighting fixture, with "Err" indicating an error display and "Nor" indicating a correct display.

12CH		
channel function	DMX	function
1.electrical machinery	0---255	Motor travel
2.Motor 16BIT		0--255 motor 16BIT
3.motor speed	0---255	Motor speed changes from fast to slow
4.Total dimming	0---255	0-100% dimming from dark to bright
5.Total flicker	0---15	NO FUNCTION
	16---255	Light beam flicker from slow to fast
6.Full color laser effect	0--1	NO FUNCTION
	2--3	red
	4--5	green
	6--7	blue
	8--9	red + green
	10--11	red + blue
	12--13	green + blue
	14--15	red + green + blue
	16---25	effect1
	26---35	effect2
	36---44	effect3
	45---54	effect4
	55---63	effect5
	64---73	effect6
	74---83	effect7
	84---92	effect8
	93---102	effect9
	103---111	effect10
	112---121	effect11
	122---131	effect12
	132---140	effect13
	141---150	effect14
	151---159	effect15

	160---169	effect16
	170---179	effect17
	180---188	effect18
	189---198	effect19
	199---207	effect20
	208---217	effect21
	218---227	effect22
	228---236	effect23
	237---246	effect24
	247---255	effect25
7.Full color laser effect color selection	0	NO FUNCTION
	1---255	15 fixed color choices
8.Full color laser effect speed	0---255	Speed from fast to slow
9.Auxiliary lighting effect	0---1	NO FUNCTION
	2---3	red
	4---5	green
	6---7	blue
	8---9	red + green
	10---11	red + blue
	12---13	green + blue
	14---15	red + green + blue
	16---25	effect1
	26---35	effect2
	36---44	effect3
	45---54	effect4
	55---63	effect5
	64---73	effect6
	74---83	effect7
	84---92	effect8
	93---102	effect9
	103---111	effect10
	112---121	effect11
	122---131	effect12
	132---140	effect13

	141---150	effect14
	151---159	effect15
	160---169	effect16
	170---179	effect17
	180---188	effect18
	189---198	effect19
	199---207	effect20
	208---217	effect21
	218---227	effect22
	228---236	effect23
	237---246	effect24
	247---255	effect25
10.Color selection for auxiliary lighting effect	0	NO FUNCTION
	1---255	7 fixed color options
11.Auxiliary light effect speed	0---255	Speed from fast to slow
12.Complete machine reset	0---127	NO FUNCTION
	128---255	Reset (DMX value stays for 5 seconds to take effect)

30CH		
channel function	DMX	function
1.electrical machinery	0---255	Motor travel
2.Motor 16BIT		0--255 motor 16BIT
3.motor speed	0---255	Motor speed changes from fast to slow
4.Full color laser dimming	0---255	0-100% dimming from dark to bright
5.Auxiliary light dimming	0---255	0-100% dimming from dark to bright
6.Full color laser strobe	0---15	NO FUNCTION
	16---255	Light beam flicker from slow to fast
7.Auxiliary light flicker	0---15	NO FUNCTION
	16---255	Light beam flicker from slow to fast
8.Full color laser effect	0---15	NO FUNCTION
	16---25	effect1
	26---35	effect2
	36---44	effect3

	45---54	effect4
	55---63	effect5
	64---73	effect6
	74---83	effect7
	84---92	effect8
	93---102	effect9
	103---111	effect10
	112---121	effect11
	122---131	effect12
	132---140	effect13
	141---150	effect14
	151---159	effect15
	160---169	effect16
	170---179	effect17
	180---188	effect18
	189---198	effect19
	199---207	effect20
	208---217	effect21
	218---227	effect22
	228---236	effect23
	237---246	effect24
	247---255	effect25
9.Full color laser effect color selection	0	NO FUNCTION
	1---255	15 fixed color choices
10.Full color laser effect speed	0---255	Speed from fast to slow
11.Full color laser group 1	0---255	15 fixed color choices
12.Full color laser group 2	0---255	15 fixed color choices
13.Full color laser group 3	0---255	15 fixed color choices
14.Full color laser group 4	0---255	15 fixed color choices
15.Full color laser group 5	0---255	15 fixed color choices
16.Full color laser group 6	0---255	15 fixed color choices
17.Full color laser group 7	0---255	15 fixed color choices
18.Full color laser group 8	0---255	15 fixed color choices
19.Auxiliary lighting effect	0---15	NO FUNCTION

	16---25	effect1
	26---35	effect2
	36---44	effect3
	45---54	effect4
	55---63	effect5
	64---73	effect6
	74---83	effect7
	84---92	effect8
	93---102	effect9
	103---111	effect10
	112---121	effect11
	122---131	effect12
	132---140	effect13
	141---150	effect14
	151---159	effect15
	160---169	effect16
	170---179	effect17
	180---188	effect18
	189---198	effect19
	199---207	effect20
	208---217	effect21
	218---227	effect22
	228---236	effect23
	237---246	effect24
	247---255	effect25
20.Color selection for auxiliary lighting effect	0	NO FUNCTION
	1---255	7 fixed color options
21.Auxiliary light effect speed	0---255	Speed from fast to slow
22.Aperture light bead1	0---255	7 fixed color options
23.Aperture light bead2	0---255	7 fixed color options
24.Aperture light bead3	0---255	7 fixed color options
25.Aperture light bead4	0---255	7 fixed color options
26.Aperture light bead5	0---255	7 fixed color options
27.Aperture light bead6	0---255	7 fixed color options

28.Aperture light bead7	0---255	7 fixed color options
29.Aperture light bead8	0---255	7 fixed color options
30.Complete machine reset	0---127	NO FUNCTION
	128---255	Reset (DMX value stays for 5 seconds to take effect)

62CH		
channel function	DMX	function
1.electrical machinery	0---255	Motor travel
2.Motor 16BIT		0--255 motor 16BIT
3.motor speed	0---255	Motor speed changes from fast to slow
4.Full color laser dimming	0---255	0-100% dimming from dark to bright
5.Auxiliary light dimming	0---255	0-100% dimming from dark to bright
6.Full color laser group strobe	0---15	NO FUNCTION
	16---255	Light beam flicker from slow to fast
7.Auxiliary light flicker	0---15	NO FUNCTION
	16---255	Light beam flicker from slow to fast
8.Full color laser group effect	0---15	NO FUNCTION
	16---25	effect1
	26---35	effect2
	36---44	effect3
	45---54	effect4
	55---63	effect5
	64---73	effect6
	74---83	effect7
	84---92	effect8
	93---102	effect9
	103---111	effect10
	112---121	effect11
	122---131	effect12
	132---140	effect13
	141---150	effect14
	151---159	effect15
	160---169	effect16

	170---179	effect17
	180---188	effect18
	189---198	effect19
	199---207	effect20
	208---217	effect21
	218---227	effect22
	228---236	effect23
	237---246	effect24
	247---255	effect25
9.Full color laser effect color selection	0	NO FUNCTION
	1---255	15 fixed color choices
10.Full color laser effect speed	0---255	Speed from fast to slow
11.Full color laser group 1 red dimming	0---255	0-100% dimming from dark to bright
12.Full color laser group 1 green dimming	0---255	0-100% dimming from dark to bright
13.Full color laser group 1 blue dimming	0---255	0-100% dimming from dark to bright
14.Full color laser group 2 red dimming	0---255	0-100% dimming from dark to bright
15.Full color laser group 2 green dimming	0---255	0-100% dimming from dark to bright
16.Full color laser group 2 blue dimming	0---255	0-100% dimming from dark to bright
17.Full color laser group 3 red dimming	0---255	0-100% dimming from dark to bright
18.Full color laser group 3 green dimming	0---255	0-100% dimming from dark to bright
19.Full color laser group 3 blue dimming	0---255	0-100% dimming from dark to bright
20.Full color laser group 4 red dimming	0---255	0-100% dimming from dark to bright
21.Full color laser group 4 green dimming	0---255	0-100% dimming from dark to bright
22.Full color laser group 4 blue dimming	0---255	0-100% dimming from dark to bright
23.Full color laser group 5 red dimming	0---255	0-100% dimming from dark to bright
24.Full color laser group 5 green dimming	0---255	0-100% dimming from dark to bright
25.Full color laser group 5 blue dimming	0---255	0-100% dimming from dark to bright
26.Full color laser group 6 red dimming	0---255	0-100% dimming from dark to bright
27.Full color laser group 6 green dimming	0---255	0-100% dimming from dark to bright
28.Full color laser group 6 blue dimming	0---255	0-100% dimming from dark to bright
29.Full color laser group 7 red dimming	0---255	0-100% dimming from dark to bright
30.Full color laser group 7 green dimming	0---255	0-100% dimming from dark to bright
31.Full color laser group 7 blue dimming	0---255	0-100% dimming from dark to bright
32.Full color laser group 8 red dimming	0---255	0-100% dimming from dark to bright

33.Full color laser group 8 green dimming	0---255	0-100% dimming from dark to bright
34.Full color laser group 8 blue dimming	0---255	0-100% dimming from dark to bright
35.Auxiliary lighting effect	0---15	NO FUNCTION
	16---25	effect1
	26---35	effect2
	36---44	effect3
	45---54	effect4
	55---63	effect5
	64---73	effect6
	74---83	effect7
	84---92	effect8
	93---102	effect9
	103---111	effect10
	112---121	effect11
	122---131	effect12
	132---140	effect13
	141---150	effect14
	151---159	effect15
	160---169	effect16
	170---179	effect17
	180---188	effect18
	189---198	effect19
	199---207	effect20
	208---217	effect21
	218---227	effect22
	228---236	effect23
	237---246	effect24
	247---255	effect25
36.Color selection for auxiliary lighting effect	0	NO FUNCTION
	1---255	7 fixed color options
37.Auxiliary light effect speed	0---255	Speed from fast to slow
38.Auxiliary light bead 1 red dimming	0---255	0-100% dimming from dark to bright
39.Auxiliary light bead 1 green dimming	0---255	0-100% dimming from dark to bright
40.Auxiliary light bead 1 blue dimming	0---255	0-100% dimming from dark to bright

41.Auxiliary light bead 2 red dimming	0---255	0-100% dimming from dark to bright
42.Auxiliary light bead 2 green dimming	0---255	0-100% dimming from dark to bright
43.Auxiliary light bead 2 blue dimming	0---255	0-100% dimming from dark to bright
44.Auxiliary light bead 3 red dimming	0---255	0-100% dimming from dark to bright
45.Auxiliary light bead 3 green dimming	0---255	0-100% dimming from dark to bright
46.Auxiliary light bead 3 blue dimming	0---255	0-100% dimming from dark to bright
47.Auxiliary light bead 4 red dimming	0---255	0-100% dimming from dark to bright
48.Auxiliary light bead 4 green dimming	0---255	0-100% dimming from dark to bright
49.Auxiliary light bead 4 blue dimming	0---255	0-100% dimming from dark to bright
50.Auxiliary light bead 5 red dimming	0---255	0-100% dimming from dark to bright
51.Auxiliary light bead 5 green dimming	0---255	0-100% dimming from dark to bright
52.Auxiliary light bead 5 blue dimming	0---255	0-100% dimming from dark to bright
53.Auxiliary light bead 6 red dimming	0---255	0-100% dimming from dark to bright
54.Auxiliary light bead 6 green dimming	0---255	0-100% dimming from dark to bright
55.Auxiliary light bead 6 blue dimming	0---255	0-100% dimming from dark to bright
56.Auxiliary light bead 7 red dimming	0---255	0-100% dimming from dark to bright
57.Auxiliary light bead 7 green dimming	0---255	0-100% dimming from dark to bright
58.Auxiliary light bead 7 blue dimming	0---255	0-100% dimming from dark to bright
59.Auxiliary light bead 8 red dimming	0---255	0-100% dimming from dark to bright
60.Auxiliary light bead 8 green dimming	0---255	0-100% dimming from dark to bright
61.Auxiliary light bead 8 blue dimming	0---255	0-100% dimming from dark to bright
62.Complete machine reset	0---127	NO FUNCTION
	128---255	Reset (DMX value stays for 5 seconds to take effect)

## REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.