



# RETRO SIX LINE



## User Manual

Please keep reading this manual carefully for further use!

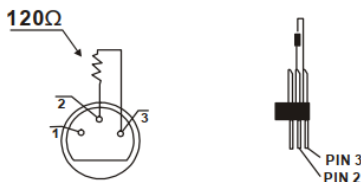
Thank you for choosing to use our fixture. For the correct and safe use of this product, please read the instructions carefully before installing and using this product. This manual contains important installation and application information. When installing and operating products, please strictly follow the operation steps of the manual. At the same time, please keep this instruction properly.

## DMX512 Connection

Please insert the head of XLR signal line equipped with this product into the signal output port of the controller and the mother into the signal input port of the rear panel of this product. You can connect multiple products in series. The signal line is three-core XLR input and output head with shielding layer wire. Please refer to the figure below.



For installations where the DMX cable must run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a  $120\ \Omega$  resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.



## Technical parameters:

- Input voltage: AC100-230V;
- Input power: MAX180W;
- Light source parameters: 2 100W dual-color COB lamp beads, 0.2W 5050RGB colorful lamp beads;
- Light source life: 50,000 hours
- Control mode: DMX512, voice control, self-propelled, master-slave control;
- Channel mode: 13 channels
- Strobe speed: 0-20 times/second (speed adjustable)
- Protection grade: IP20;
- Product net weight: 9.1Kg

## Button operation and digital tube display instructions



- MENU: Function key
- UP: Plus key
- DOWN: Minus key
- ENTER: Confirm key

## Digital tube display menu description

Serial number	Content	Numeric	Functional Description
1	A001	001 - 512	DMX512 address code setting
2	CH	13CH	Channel mode settings
3	U255	000 - 255	COB warm tone lighting, from dark to bright
4	C255	000-255	COB white dimming, from dark to bright
5	R255	000 - 255	Auxiliary light red dimming, from dark to bright
6	G255	000 - 255	Auxiliary light green dimming, from dark to bright
7	B255	000 - 255	Auxiliary light blue dimming, from dark to bright
8	F 0 00	00 5 - 255	Strobe
9	CL01	0 1 - 20	20 built-in color combinations to choose from
10	Auto	-	Self-propelled effect , press the OK button to set the speed S 000 - S 127 forward S128-S255 reverse
11	Soud	-	Voice control effect , press the OK button to set the sensitivity SE01 - SE15

**Note: Manual menu function: self-propelled effect forward speed (0~127), reverse speed (128~255).**

# DMX channel function table

## DMX 13 channel table

Aisle	Numeric	Functional Description
CH 1	000-255	Total dimming
CH 2	00 5 -255	Total strobe
CH 3	000-255	COB 1 warm tone lighting, from dark to bright
CH 4	000-255	COB 1 white dimming, from dark to bright
CH 5	000-255	COB 2 warm tone lighting, from dark to bright
CH 6	000-255	COB 2 white dimming, from dark to bright
CH 7	000-255	Auxiliary light red
CH 8	000-255	Auxiliary light green
CH 9	000-255	Auxiliary light blue
CH10	00 5 -255	COB effect, see Appendix 1 for details, starting from 5, one effect for every 7 values, 245-255 voice control mode
CH 11	000-255	COB effect : forward speed adjustment 0-127, reverse speed adjustment 128-255; Voice control mode: Voice control sensitivity adjustment 0-255
CH 12	000-255	Auxiliary light effect , see Appendix 1 for details, starting from 5, one effect for every 7 values
CH 13	000-255	the auxiliary light effect is adjusted from 0 to 127, and the reverse speed is adjusted from 128 to 255;

## Appendix 1: Description of built-in effect functions

<b>COB effect value</b>	<b>Function</b>	<b>Auxiliary light effect value</b>	<b>Function</b>
0 - 4	No effect	0 - 4	No effect
5-13	COB effect 1	5 - 11	Auxiliary light effect 1
14 - 22	COB effect 2	12 - 18	Auxiliary light effect 2
23 - 31	COB effect 3	19 - 25	Auxiliary light effect 3
32 - 40	COB effect 4	26 - 32	Auxiliary light effect 4
41 - 49	COB effect 5	33 - 39	Auxiliary light effect 5
50 - 58	COB effect 6	40 - 46	Auxiliary light effect 6
59 - 67	COB effect 7	47 - 53	Auxiliary light effect 7
68 - 76	COB effect 8	54 - 60	Auxiliary light effect 8
77 - 85	COB effect 9	61 - 67	Auxiliary light effect 9
86 - 94	COB effect 10	68 - 74	Auxiliary light effect 10
95 - 103	COB effect 11	75 - 81	Auxiliary light effect 11
104 - 112	COB effect 12	82 - 88	Auxiliary light effect 12
113 - 121	COB effect 13	89 - 95	Auxiliary light effect 13
122 - 130	COB effect 14	96 - 102	Auxiliary light effect 14
131 - 139	COB effect 15	103 - 109	Auxiliary light effect 15
140 - 148	COB effect 16	110 - 116	Auxiliary light effect 16
149 - 157	COB effect 17	117 - 123	Auxiliary light effect 17
158 - 166	COB effect 18	124 - 130	Auxiliary light effect 18
167 - 175	COB effect 19	131 - 137	Auxiliary light effect 19
176 - 184	COB effect 20	138 - 144	Auxiliary light effect 20
185 - 193	COB effect 21	145 - 151	Auxiliary light effect 21
194 - 202	COB effect 22	152 - 158	Auxiliary light effect 22
203 - 211	COB effect 23	159 - 165	Auxiliary light effect 23

212 - 220	COB effect 24	166 - 172	Auxiliary light effect 24
221 - 244	COB Effects Loop 25	173 - 179	Auxiliary light effect 25
		180 - 186	Auxiliary light effect
		187 - 193	Auxiliary light effect
		194 - 200	Auxiliary light effect
		201 - 207	Auxiliary light effect
		208 - 255	Auxiliary light effect cycle 30
245-255	Voice control effects	/	