LED Stage Lighting Equipment Manual

MINI Retro Lights

USER MANUAL

Please read the manual carefully before use

Thank you for choosing to use our 7 retro light. In order to use this product correctly and safely, please read the instructions carefully before installing and using this product. This manual contains important installation and application information, please strictly follow the instructions when installing and operating the product. Meanwhile, please keep this manual in a safe place.

Our 7 retro light use a new and beautiful high temperature resistant metal body. This product is designed and produced in strict accordance with CE standards, and conforms to the international standard DMX512 signal protocol. It can be used for control alone or online. It is suitable for various types of concerts, theaters, studios, nightclubs, bars and other places.

This product uses high-brightness and stable LED three-in-one lamp beads, 60W high-brightness integrated lamp beads.

Please remove the packaging carefully, and after removing the packaging, check whether the product has been damaged during transportation, and check whether the following contents are complete.

7 retro light-------1 set Instruction manual-------1 set

Power cord--------1 Signal line--------1

This product is in good condition before leaving the factory. In order to keep the product in good condition and ensure safe operation, users should follow the safety precautions and warnings in this manual.

Important: Damage caused by not following this instruction is not covered under warranty. The supplier is not responsible for product problems caused by this.

If the product has been exposed to extreme unstable temperature environment (such as after transportation), please do not connect the product to the power supply immediately, as water droplets due to temperature changes may damage the product. Please use it after the product has returned to normal temperature.

This product can be used in the voltage range of 90-240V and is an indoor product. Please make sure that the ground voltage used is not higher than the product can withstand! ! The power plug must be inserted into a protected Class I socket. The green or teal conductor must be grounded.

Connection of DMX512 signal:

The lamp uses the DMX512 signal control mode, and the control signals of each lamp are in a parallel relationship. When connecting the signals of multiple lamps, it is best to use a double-core shielded cable. When connecting, each lamp is connected through the DMX signal jack (XLR Socket) INPUT (input) and OUTPUT (output) are connected, and the 3-pin XLR plug terminals of the signal line connected to the

lamp must correspond to each other. When connecting the lamp signal, it is recommended to use a DMX signal terminator. It can be avoided, due to electric dryness The DMX signal terminator is to connect a 120 ohm 1W resistor between pins 2 and 3 of an XLR plug, and connect it to the OUTPUT (output) jack of the last fixture.

Light start address code calculation method:

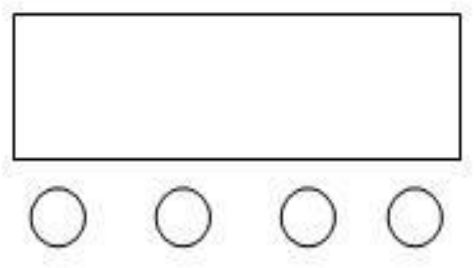
The starting address code of the current fixture is equal to (the starting address code of the previous fixture) + (the number of channels of the fixture) Description:

1: The starting address code value of the first lamp is A001.

2: The number of basic channels of the controller should be greater than or equal to the total number of channels used by the lamps.

3: Note: When using any controller, each lamp must have its own starting address code, if the starting address code of the first lamp is set to A001, and the number of lamp channels is 8CH; The starting address code of the two lamps is set to A009; the starting address code of the third lamp is set to A017; and so on, (this setting method also needs to be determined according to different consoles)

1.Display board section：



A. Function keys
B. Plus key
C. Minus key
D. Enter

Operation instructions: Press function key A to cycle through different functions, and press B or C key to modify its parameter values. Press D key to confirm.

LED display window function comparison table, (all functions can be selected and then confirmed by D key)

Serial number	Display	Function Description
1	A001	Address code (001-512) B, C key plus or minus address code value
2	CH8	Channel mode switch
3	-512/Auto/Soun	DMX-512 mode/self-propelled mode/voice control mode

Product parameters introduction:

Input power: AC90V-240V

Power frequency: 50/60Hz

Power: 350W

Heat dissipation method: metal heat conduction

Maximum operating ambient temperature: 45°C

Number of lamp beads: 7 high-brightness 50W lamp beads + 63 LED three-in-one lamp beads

Lamp bead type: RGB three-in-one lamp bead + integrated lamp bead

Strobe: 1-25 times/second

Number of DMX control channels: 8CH+32CH

DMX connector: 3Pin XLR

Operation Mode: DMX/Auto/Voice Control

Display mode: LED digital tube

Channel table 8CH+32CH

8CH

8CH			
Serial number	**Display**	**DMX value**	**Describe**
1	Dimming	0-255	0-100% Linear Dimming
2	Strobe	0-3	No function
		4-255	Sync Strobe
3	R	0-255	LED red dimming from dark to bright
4	G	0-255	LED green dimming from dark to bright
5	B	0-255	LED blue dimming from dark to bright
6	W	0-255	LED white dimming from dark to bright
7	Macro function	0-9	No function
		10-19	Built-in Effects 1
		20-29	Built-in Effects 2
		…	One effect per 10 counts
		240-249	Effect 24
		250-255	Effect 25
8	Macro function speed regulation	0-63	Static
		64-159	Forward running speed from fast to slow
		160-255	Reverse running speed from slow to fast

32CH

32CH			
Serial number	**Display**	**DMX value**	**Describe**

1	Dimming	0-255	0-100% Linear Dimming
2	Strobe	0-3	No function
		4-255	Sync Strobe
3	R1	0-255	LED1 red dimming from dark to bright
4	G1	0-255	LED1 green dimming from dark to bright
5	B1	0-255	LED1 blue dimming from dark to bright
6	W1	0-255	LED1 white dimming from dark to bright
7	R2	0-255	LED2 red dimming from dark to bright
8	G2	0-255	LED2green dimming from dark to bright
9	B2	0-255	LED2 blue dimming from dark to bright
10	W2	0-255	LED2white dimming from dark to bright
11	R3	0-255	LED3red dimming from dark to bright
12	G3	0-255	LED3green dimming from dark to bright
13	B3	0-255	LED3blue dimming from dark to bright
14	W3	0-255	LED3white dimming from dark to bright
15	R4	0-255	LED4red dimming from dark to bright
16	G4	0-255	LED4green dimming from dark to bright
17	B4	0-255	LED4blue dimming from dark to bright
18	W4	0-255	LED4white dimming from dark to bright
19	R5	0-255	LED5red dimming from dark to bright
20	G5	0-255	LED5green dimming from dark to bright
21	B5	0-255	LED5blue dimming from dark to bright
22	W5	0-255	LED5white dimming from dark to bright
23	R6	0-255	LED6red dimming from dark to bright
24	G6	0-255	LED6green dimming from dark to bright

25	B6	0-255	LED6blue dimming from dark to bright
26	W6	0-255	LED6white dimming from dark to bright
27	R7	0-255	LED7red dimming from dark to bright
28	G7	0-255	LED7green dimming from dark to bright
29	B7	0-255	LED7blue dimming from dark to bright
30	W7	0-255	LED7white dimming from dark to bright
31	Macro function	0-9	No function
		10-19	Built-in Effects 1
		20-29	Built-in Effects 2
		…	One effect per 10 counts
		240-249	Effect 24
		250-255	Effect 25
32	Macro function speed regulation	0-63	Static
		64-159	Forward running speed from fast to slow
		160-255	Reverse running speed from slow to fast