

Operation manual of 40x3w curtain bar light

I. technical parameter

Voltage: AC90V-240V 50/60Hz

Light source: 3535 lamp beads 40 * 3-watt RGB three-in-one

Power: 70W

Power supply: 5V 100 watts

Control mode: DMX512 / Master-slave / Sound / Auto

Working Mode: Pixel Control 1 by 1

Angle lenses: 3°

IP: Indoor Use , IP20

Dimming: 0~100% smooth dimming

Strobe: 20times/second

II.The DMX channel menu

8-Channel Mode (Basic Function)

chan nel	function	explain
CH1	000-255	RGB total dimming, from dark to bright
CH 2	005-255	RGB total strobe, from slow to fast
CH 3	000-009	Perform the (CH 6-CH 8) RGB static dimming
	010-019	Static color, CH5 Select color
	020-029	Breathing effect, and CH5 selected the color
	030-039	Jump change effect
	040-049	Gradient change effect
	050-059	Pulse change effect
	060-069	Horse racing effect-1, CH5 Select the color
	070-079	Horse racing effect-2, CH5 Select the color
	080-089	Horse racing effect-3, CH5 Select the color
	090-099	Horse racing effect-4, CH5 Select the color
	100-109	Horse racing effect-5, CH5 Select the color

	110-119	Horse racing effect-6, CH5 Select the color
	120-129	Horse racing effect-7, CH5 Select the color
	130-139	Horse racing effect-8, CH5 Select the color
	140-149	Horse racing effect-9, CH5 Select the color
	150-159	Horse racing effect-10, CH5 Select color
	160-169	Horse racing Effect-11, CH5 Select color
	170-179	Horse Race Effect-12, CH5 Select color
	180-189	Horse racing effect-13, full-color effect
	190-199	Horse racing effect-14, full-color effect
	200-209	Horse racing effect-15, CH5 Select color
	210-219	Sound Control Mode 1
	220-229	Sound Control Mode 2
	230-255	Sound Control Mode 3
CH 4	000-255	Effect mode: adjustment, speed, from slow to fast Voice control mode: adjust the sound control sensitivity, from low to high
CH 5	000-255	color selection
CH 6	000-255	R red dimming, from dark to bright
CH 7	000-255	G Green dimming, from dark to bright
CH 8	000-255	B Blue dimming, from dark to bright

Channel 3 (whole lamp)

chan nel	DMX numeric value	function declaration
CH 1	000-255	R red dimming, from dark to bright
CH 2	000-255	G Green dimming, from dark to bright
CH 3	000-255	B Blue dimming, from dark to bright

Channel 4 (whole lamp)

chan nel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R red dimming, from dark to bright
CH 3	000-255	G Green dimming, from dark to bright
CH 4	000-255	B Blue dimming, from dark to bright

Channel 6 (2 segments 20 for a segment)

chan nel	DMX numeric	function declaration
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	value	
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
CH 4	000-255	R segment 2 is red dimming, from dark to bright
CH 5	000-255	G segment 2 is green dimming, from dark to bright
CH 6	000-255	B segment 2 is blue dimming, from dark to bright

Channel 7 (2 segments 20 for a segment)

chan nel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
CH 5	000-255	R segment 2 is red dimming, from dark to bright
CH 6	000-255	G segment 2 is green dimming, from dark to bright
CH 7	000-255	B segment 2 is blue dimming, from dark to bright

Channel 12 (4 segments 10 for a segment)

chan nel	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
...
...
CH 10	000-255	R segment 4 is red dimming, from dark to bright
CH 11	000-255	G segment 4 is green dimming, from dark to bright
CH 12	000-255	B segment 4 is blue dimming, from dark to bright

Channel 13 (4 segments 10 for a segment)

chan nel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright

CH 4	000-255	B segment 1 is blue dimming, from dark to bright
...
...
CH 11	000-255	R segment 4 is red dimming, from dark to bright
CH 12	000-255	G segment 4 is green dimming, from dark to bright
CH 13	000-255	B segment 4 is blue dimming, from dark to bright

Channel 24 (8 segments 5 for a segment)

chan nel	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
...
...
CH 22	000-255	R segment 4 is red dimming, from dark to bright
CH 23	000-255	G segment 4 is green dimming, from dark to bright
CH 24	000-255	B segment 4 is blue dimming, from dark to bright

Channel 25 (8 segments 5 for a segment)

chan nel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
...
...
CH 23	000-255	R segment 8 is red dimming, from dark to bright
CH 24	000-255	G segment 8 is green dimming, from dark to bright
CH 25	000-255	B segment 1 is blue dimming, from dark to bright

Channel 60 (20 segments 2 for a segment)

chan nel	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright

CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
...
...
CH58	000-255	R segment 20 is red dimming, from dark to bright
CH59	000-255	G segment 20 is green dimming, from dark to bright
CH 60	000-255	B segment 20 is blue dimming, from dark to bright

CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R 1 red dimming, from dark to bright
CH 3	000-255	G 1 green dimming, from dark to bright
CH 4	000-255	B 1 Blue dimming, from dark to bright
...
...
CH 119	000-255	R40 red dimming, from dark to bright
CH 120	000-255	G40 green dimming, from dark to bright
CH 121	000-255	B40 Blue dimming, from dark to bright

Channel 61 (20 segments 2 for a segment)

chan nel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
...
...
CH 59	000-255	R segment 20 is red dimming, from dark to bright
CH 60	000-255	G segment 20 is green dimming, from dark to bright
CH 61	000-255	B segment 20 is blue dimming, from dark to bright

120-Channel Mode (point control)

channe l	function	explain
CH 1	000-255	R1 red dimming, from dark to bright
CH 2	000-255	G1 green dimming, from dark to bright
CH 3	000-255	B1 Blue dimming, from dark to bright
...
...
CH118	000-255	R40 red dimming, from dark to bright
CH119	000-255	G40 green dimming, from dark to bright
CH120	000-255	B40 Blue dimming, from dark to bright

121 Channel Mode (point control)

channe l	function	explain
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III. Key operation and digital tube display instructions

1. Key description



MENU: function key UP: Key DOWN: key ENTER: Confirm key

2. Digital tube display menu description

order num	content	scale	Functions and instructions
1	A001	001-512	The DMX512 address code settings
2	8CH	3/4/6/7/8/12/13/24/25/60/61/120/	Channel mode setting

121			
3	R255	000 - 255	Red dimming, from dark to bright
4	G255	000 - 255	Green dimming, from dark to bright
5	b255	000 - 255	Blue dimming, from dark to bright
6	F000	005 - 255	RGB total strobe, from slow to fast
7	CC15	01 - 15	Jump change effect, press add button to set speed 01-15
8	dE15	01 - 15	Gradient change effect, press add button to set speed 01-15
9	CP15	01 - 15	Pulse change effect, press the add or minus button to set the speed 01-15
10	CL01	01 - 15	The 1-7 is a static color
			8-15 is the respiratory effect
11	EF-8	E ' F ' : 1 - F	Add key switching effect
		- ' 8 ' : 1 - 8	Cut the key to switch the color
12	Sou1	1 - 3	1 is effect sound control, 2 is music beating effect 1, and 3 is music beating effect 2

Function Table (Table 1)