

1、 Dual color temperature+separate pixel control for the DMA channel function table AH20 DH21

9-channel mode (A001 status)

channel	function	illustrate
CH1	Total dimming	Total dimming, from dark to bright
CH2	1 eye for normal white dimming	1 eye with normal white dimming, from dark to bright
CH3	1 eye warm white dimming	1 eye warm white dimming, from dark to bright
CH4	Pixel dimming	0-4: turn off the light; 5-35: red; 36-71: Green; 72-107: blue; 108-143: mixed red and green colors; 144-179: mixed red and blue colors; 180-215: Green blue mixed color; 216-255: Red green blue mixed color;
CH5	Total strobe	Global strobe, from slow to fast
CH6	1 eye function selection	0: Dimming mode; 1-50: color selection (selected by CH6); 51-100: jump; 101-150: gradient; 151-200 pulse changes; 201-255: Voice control (CH6 selects voice control 1 and 2)
CH7	1 eye function speed	Function speed, from slow to fast (color selection for color output, voice control for strobe and jump)
CH8	Pixel function selection	0: Dimming mode;
		1-50: color selection (selected by CH8);
		51-191: Single jump effect 1-47 (3 values per effect);
		192-200: Jump all effects;
		201-225: Gradient effect;
		226-250 pulse change all effects;
251-255: Voice control (CH8 selects voice control 1, 2)		
CH9	Pixel function speed	Function speed, from slow to fast (color selection for color output, voice control for strobe and jump)

9-channel mode (d001)

channel	function	illustrate
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CH1	Total dimming	Total dimming, from dark to bright
CH2	Total strobe	Global strobe, from slow to fast
CH3	1 eye function selection	0: Dimming mode; 1-50: color selection (selected by CH6); 51-100: jump; 101-150: gradient; 151-200 pulse changes; 201-255: Voice control (CH6 selects voice control 1 and 2)
CH4	1 eye function speed	Function speed, from slow to fast (color selection for color output, voice control for strobe and jump)
CH5	Pixel function selection	0: Dimming mode;
		1-50: color selection (selected by CH6);
		51-191: Single jump effect 1-47 (3 values per effect);
		192-200: Jump all effects;
		201-225: Gradient effect;
		226-250 pulse change all effects;
251-255: Voice control (CH6 selects voice control 1, 2)		
CH6	Pixel function speed	Function speed, from slow to fast (color selection for color output, voice control for strobe and jump)
CH7	1 eye for normal white dimming	1 eye with normal white dimming, from dark to bright
CH8	1 eye warm white dimming	1 eye warm white dimming, from dark to bright
CH9	Pixel dimming	0-4: turn off the light; 5-35: red; 36-71: Green; 72-107: blue; 108-143: mixed red and green colors; 144-179: mixed red and blue colors; 180-215: Green blue mixed color; 216-255: Red green blue mixed color;

2、 Description of Nixie tube display menu

Serial Num	content	Numeric Range	Function and Description
1	A001	001- 512	DMX512 address code setting -9 channel mode
2	d001	001- 512	DMX512 address code setting -9 channel mode
3	r255	000 - 255	Dim the light from dark to bright with one eye of white.
4	r255	000 - 255	1 eye warm white dimming, from dark to bright.
5	y255	000 - 255	Pixel red dimming, from dark to bright.

6	P255	000 - 255	Pixel green dimming, from dark to bright.
7	C255	000 - 255	Pixel blue dimming, from dark to bright.
8	FH00	00 - 99	At 00, there is no strobe, but from 01 to 99, there is a global strobe, and the speed changes from slow to fast.
9	CL01	01 - 03	1 eye manual color selection mode.
10	WL01	00 - 128	Pixel manual color selection mode.
11	CC99	01 - 99	1 eye jump changes from slow to fast.
12	WC99	01 - 99	Pixel jumps from slow to fast.
13	DE99	01 - 99	1 eye gradient, from slow to fast.
14	WE99	01 - 99	Pixel gradient, from slow to fast.
15	CP99	01 - 99	1 eye pulse changes from slow to fast.
16	WP99	01 - 99	Pixel pulse changes from slow to fast.
17	Auto		Automatic effects.
18	SU01	01 - 02	Mode: 1 is strobe jump, 2 is jump

3、Master Slave Description

Automatically receive slave signals in the d001 or A001 state without the need for additional settings.