**Instructions for LED lighting**

1. **Graphic section:**

A. function key

B. additional key

C. Keyless

D. Confirmation key

E.LED display window

A B C D

Operation description: Press function key A will cycle twelve different functions, the first two digits of the digital pipe represent the current function (refer to the function table).The latter two numbers represent where the function is in.address code.Or the parameters of the speed, of.Press the key B or C to modify its parameter values.Press the key D to confirm.

1. Background display window function control table, (often press A key in d001 mode to enter the background setting, save the exit and press D key)

|  |  |  |
| --- | --- | --- |
| **order number** | **show** | **function declaration** |
| 1 | R235 | Red current, (020-255) Default 235B, C modify current |
| 2 | G235 | Green current, (020-255) default 235B, C modify current |
| 3 | B235 | Blue color current, (020-255) default 235B, C modify current |
| 4 | o235 | White current, (020-255) default 235B, C modify current |

1. **LED display window function control table,**

|  |  |  |
| --- | --- | --- |
| **order number** | **show** | **function declaration** |
| 1 | A001 | Address code, (001- -512)B, C key to add and subtract the address code value |
| 2 | 12ch/-8ch-4ch | Channel Selection (12,8,4)B and C keys are added and reduced |
| 3 | CC 99 | Colorful jump change, (01-99)B, C keys modify the jump speed |
| 4 | CP 99 | Colorful Gradient Change, (01-99)The B and C keys modify the pulse and gradient speed |
| 5 | DE 99 | Colorful pulse change, (01-99)B, C keys modify the combination speed of change |
| 6 | BEB1 | Colorful sound control changes |
| 7 | R255 | Red Color Selection, (000- -255)B, C keys to modify the color selection |
| 8 | G255 | Green selection, (000-255)B, C keys to modify the color selection |
| 9 | B255 | Blue color selection, (000- -255)B, C keys to modify the color selection |
| 10 | o255 | White Color, (000-255)B, C keys to modify the color selection |
| 11 | -ON- / -OFF | Turn the display on / off |

**3.DMX512 8 channel description**

|  |  |  |
| --- | --- | --- |
| **order number** | **function** | **explain** |
| Channel 1 | Total dimming | R, G, B, W total dimming, linear dimming, from dark to light |
| Channel 2 | Total frequency flash | R, G, B, and W in total strobe, from slow to fast |
| Channel 3 | FS | 0--15: not have;16--55: shade selection;56--95: saltus step;96--135: gradual change;136- -175: Pulse change;176- -215: Sound control 1;216- -255: Sound control 2; |
| Channel 4 | Functional speed | Functional speed, from slow to fast |
| Channel 5 | R aiming | R dimming, linear dimming, from dark to bright |
| Channel 6 | G aiming | G dimming, linear dimming, from dark to bright |
| Channel 7 | B aiming | B dimming, linear dimming, from dark to bright |
| Channel 8 | W aiming | W dimming, linear dimming, from dark to bright |

**3.DMX512 12 channel description**

|  |  |  |
| --- | --- | --- |
| **order number** | **function** | **explain** |
| Channel 1 | Total dimming | R, G, B, W, Y total dimming, linear dimming, from dark to light |
| Channel 2 | Total frequency flash | R, G, B, W, and Y in total strobe, from slow to fast |
| Channel 3 | FS | 0--15: not have;16--55: shade selection;56--95: saltus step;96--135: gradual change;136- -175: Pulse change;176- -215: Sound control 1;216- -255: Sound control 2; |
| Channel 4 | Functional speed | Functional speed, from slow to fast |
| Channel 5 | R1 aiming | R1 dimming, linear dimming, from dark to bright |
| Channel 6 | G1 aiming | G1 dimming, linear dimming, from dark to bright |
| Channel 7 | B1 aiming | B1 dimming, linear dimming, from dark to bright |
| Channel 8 | W1 aiming | W1 dimming, linear dimming, from dark to bright |
| Channel 9 | R2 aiming | R 2 dimming, linear dimming, from dark to bright |
| Channel 10 | G2 aiming | G 2 dimming, linear dimming, from dark to bright |
| Channel 11 | B2 aiming | B2 dimming, linear dimming, from dark to bright |
| Channel 12 | W2 aiming | W2 dimming, linear dimming, from dark to bright |

**3.DMX512 4 channel description**

|  |  |  |
| --- | --- | --- |
| **order number** | **function** | **explain** |
| Channel 1 | R aiming | R dimming, linear dimming, from dark to bright |
| Channel 2 | G aiming | G dimming, linear dimming, from dark to bright |
| Channel 3 | B aiming | B dimming, linear dimming, from dark to bright |
| Channel 4 | W aiming | W dimming, linear dimming, from dark to bright |

**4. functional characteristics:**

The operation is very simple, humanized design, dimming without flicker, jitter phenomenon and so on.Can adapt to photography, photography, TV stations and other strict requirements on the lighting of the occasions.