**一、Definition of display panel and buttons**

**Menu key: Enter/Return to main menu**

**Up key: menu function up selection/parameter increment**

**Down arrow key: menu function down selection/decreasing parameters**

**Confirm key: Select the menu function and make a confirmation and save when modifying the menu function parameters。**

**2、 Menu function**

|  |  |  |  |
| --- | --- | --- | --- |
| **main menu** | **Submenu** | **Menu Function Description** | |
| 1、System settings | 1. DMX address | Modify the DMX address code up or down (optional range of address code 001-512), press the confirm key to save, default to 001. | |
| 2. Advanced Settings | Modify encoder on/off up or down, confirm key to save, default on. | |
| 2、Operating mode | 1. Operation mode | Select up or down the operating mode of DMX/voice control/automatic, press the confirm button to save, default to DMX. | |
| 2. Channel selection | Select channel CH4 up or down, CH6，CH13，CH20，CH80，CH156，CH158 | |
| 4. Dimming | Modify the dimming parameter value up or down (adjustable range 000-255), press the confirm key to save, default is 255. | |
| 5. RGBW strobe | Modify the strobe parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 6. Red | Modify the red parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 7. Green | Modify the green parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 8. Blue | Modify the blue parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 9. White | Modify the white parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 10. RGB mode | Modify the mode parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 11. RGB speed | Modify the speed parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 12. Colorful | Modify the rainbow parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 13. W mode | Modify the parameter values of W mode up or down (adjustable range 000-255), press the confirm key to save, default to 000 | |
| 14. W speed | Modify the W speed parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000 | |
| 15. RGBW mode | Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 16. RGBW speed | Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 17. Background color | Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 18. Background color tone light | Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 19. Character | Modify character parameter values up or down (adjustable range 000-255), confirm key to save, default to 000. | |
| 20. Direction | Modify the direction parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000. | |
| 4、Display Settings | 1. Language selection | Select Chinese/EN (English) up or down, press the confirm button to save, default to Chinese. | |
| 2. Inverted Display Settings | Select up or down to turn off/on the reverse display setting, press the confirm button to save, and it will be turned off by default. | |
| 3. Screen saver | Select up or down to turn off/on the screen saver, press the confirm button to save, and it will be turned on by default. | |
| 4. Software version | G37A program identification code, cannot be modified. | |
| 5、Factory settings | Please enter your password! Change up or down to 138, then press the confirm button to enter the factory settings。 | 1. Y calibration | Modify the Y-axis up or down, press the confirm key to save |
| 2. LED | LED sequence switching |
| 3. Red | Modify the current of the red light bead up or down (032-255), press the confirm button to save, default to 255. |
| 4. Green | Modify the current of the green light bead up or down (032-255), press the confirm button to save, default to 255. |
| 5. Blue | Modify the blue LED current up or down (032-255), press the confirm button to save, default to 255. |
| 6. White | Modify the current of the white light bead up or down (032-255), press the confirm button to save, default to 255. |
| 7. Current | Modify the current up or down, confirm key to save |
| 8. Speed | Modify speed up or down, confirm key to save |
| 9. Logo | Select 000/001 up or down, press the confirm button to save, default to 000. |
| 10. Temperature | Modify the temperature parameter up or down (range 40-70), press the confirm button to save, default is 065. |
| 11. Temperature - Fan | Select up or down to turn off/on temperature fan control, confirm key to save, default on. |

**CH4Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | R |
| 2 | 000-255 | G |
| 3 | 000-255 | B |
| 4 | 000-255 | W |

**CH6Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | Dimming |
| 2 | 000-255 | RGBW strobe |
| 3 | 000-255 | R |
| 4 | 000-255 | G |
| 5 | 000-255 | B |
| 6 | 000-255 | W |

**CH13Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | Dimming |
| 2 | 000-255 | RGBW strobe |
| 3 | 000-255 | R |
| 4 | 000-255 | G |
| 5 | 000-255 | B |
| 6 | 000-255 | W |
| 7 | 000-255 | RGBW mode |
| 8 | 000-255 | RGBW speed |
| 9 | 000-255 | static state |
| 10 | 000-255 | direction |
| 11 | 000-255 | Colorful |
| 12 | 000-255 | Background color |
| 13 | 000-255 | Background dimming |

**CH20Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | Dimming |
| 2 | 000-255 | RGBW strobe |
| 3 | 000-255 | R |
| 4 | 000-255 | G |
| 5 | 000-255 | B |
| 6 | 000-255 | RGB strobe |
| 7 | 000-255 | RGB mode |
| 8 | 000-255 | RGB speed |
| 9 | 000-255 | W |
| 10 | 000-255 | W strobe |
| 11 | 000-255 | W mode |
| 12 | 000-255 | W speed |
| 13 | 000-255 | W-mode dimming |
| 14 | 000-255 | RGBW mode |
| 15 | 000-255 | RGBW speed |
| 16 | 000-255 | static state |
| 17 | 000-255 | direction |
| 18 | 000-255 | Colorful |
| 19 | 000-255 | Background color |
| 20 | 000-255 | Background dimming |

**CH80Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | Dimming |
| 2 | 000-255 | RGBW strobe |
| 3 | 000-255 | R |
| 4 | 000-255 | G |
| 5 | 000-255 | B |
| 6 | 000-255 | RGB strobe |
| 7 | 000-255 | RGB mode |
| 8 | 000-255 | RGB speed |
| 9 | 000-255 | W |
| 10 | 000-255 | W strobe |
| 11 | 000-255 | W mode |
| 12 | 000-255 | W speed |
| 13 | 000-255 | W-mode dimming |
| 14 | 000-255 | RGBW mode |
| 15 | 000-255 | RGBW speed |
| 16 | 000-255 | static state |
| 17 | 000-255 | direction |
| 18 | 000-255 | Colorful |
| 19 | 000-255 | Background color |
| 20 | 000-255 | Background dimming |
| 21 | 000-255 | RGBLED1 |
| 22 | 000-255 | RGBLED2 |
| 23 | 000-255 | RGBLED3 |
| … | … | …… |
| 66 | 000-255 | RGBLED46 |
| 67 | 000-255 | RGBLED47 |
| 68 | 000-255 | RGBLED48 |
| 69 | 000-255 | WLED1 |
| 70 | 000-255 | WLED2 |
| 71 | 000-255 | WLED3 |
| 72 | 000-255 | WLED4 |
| 73 | 000-255 | WLED5 |
| 74 | 000-255 | WLED6 |
| 75 | 000-255 | WLED7 |
| 76 | 000-255 | WLED8 |
| 77 | 000-255 | WLED9 |
| 78 | 000-255 | WLED10 |
| 79 | 000-255 | WLED11 |
| 80 | 000-255 | WLED12 |

**CH156Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | R1 |
| 2 | 000-255 | G1 |
| 3 | 000-255 | B1 |
| … | … | …… |
| 142 | 000-255 | R48 |
| 143 | 000-255 | G48 |
| 144 | 000-255 | B48 |
| 145 | 000-255 | W1 |
| 146 | 000-255 | W2 |
| 147 | 000-255 | W3 |
| 148 | 000-255 | W4 |
| 149 | 000-255 | W5 |
| 150 | 000-255 | W6 |
| 151 | 000-255 | W7 |
| 152 | 000-255 | W8 |
| 153 | 000-255 | W9 |
| 154 | 000-255 | W10 |
| 155 | 000-255 | W11 |
| 156 | 000-255 | W12 |

**CH158Channel description：**

|  |  |  |
| --- | --- | --- |
| **thoroughfare** | **channel value** | **basic function** |
| 1 | 000-255 | Dimming |
| 2 | 000-255 | RGBW strobe |
| 3 | 000-255 | R1 |
| 4 | 000-255 | G1 |
| 5 | 000-255 | B1 |
| … | … | …… |
| 144 | 000-255 | R48 |
| 145 | 000-255 | G48 |
| 146 | 000-255 | B48 |
| 147 | 000-255 | W1 |
| 148 | 000-255 | W2 |
| 149 | 000-255 | W3 |
| 150 | 000-255 | W4 |
| 151 | 000-255 | W5 |
| 152 | 000-255 | W6 |
| 153 | 000-255 | W7 |
| 154 | 000-255 | W8 |
| 155 | 000-255 | W9 |
| 156 | 000-255 | W10 |
| 157 | 000-255 | W11 |
| 158 | 000-255 | W12 |

**七、Technical parameters:**

**Voltage: AC100~240V 50/60HZ**

**Power: 600W**

**Lamp beads: 240 pieces 3030 white light 2 watts 768 pieces 5050 RGB-0.5 watts lamp beads**

**Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function.**

**Channel: CH4，CH6，CH13，CH20，CH80，CH156，CH158**

**Dimming: 32-bit 0~100% linear dimming**

**Features: Dyeing+Flashing**

**Working temperature: -30 ° C~60 ° C**

**Strobe frequency: 1-30HZ**

**Appearance: Metal, Black**

**Connection method: DMX512 input/output/power input/output.**

**IP rating: IP67**

**Size: Weight:**