# 1260-watt Brother Octopus



**instructions**

**Please read the instructions carefully and keep them properly before using the product**

**technical parameter:**

Voltage: AC100~240V 50 / 60 HZ

Power: 12 \* 60W (800W)

Beads: 124-160 watt LED beads

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

channel:CH20.CH169A.CH169B.CH53.CH101.CH155.CH179

Dimming: 32bit 0~100% Linear dimming

Features: single swing + staining + beam

Operating temperature: -30 degrees ~50 degrees

Floribe frequency: 1-30 HZ

Appearance: metal, black

Connection mode: DMX512 input / output / power input / output.

IP grade: IP20

Dimensions: 1000 \* 300 \* 165MM

weight:

1. **Display the panel and the key definition**

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**Order key: enter / return to the main menu**

**Up key: menu function selection up / parameter pass add**

**Down key: Menu function select down / parameter**

**Conkey: Select the menu function and save the menu function parameters.**

**2. Menu function**

**After the machine is reset, press the menu key and enter the main menu (exit after 30 seconds on the main menu interface), see the main menu function table (5 main menu options); select the main menu up or down, enter the function parameters of each menu, and then press the confirmation key to save the current function parameters (have the power loss memory after saving).**

|  |  |  |  |
| --- | --- | --- | --- |
| **primary menu** | **submenu** | **Menu function description** | |
| 1. System setting | 1. The DMX address | Modify DMX address code up or down (address code optional range 001-512), confirm key save, default 001. | |
| 2. Y reversal | Modify Y up or down to turn on / off, confirm that the key is saved, and close by default. | |
| 3. No signal | zero clearing | |
| 4. Advanced Settings |  | |
| 2. Operation mode | 1. Operation mode | Up or down select running mode DMX / voice / automatic, confirm key save, default DMX. | |
| 2. Channel selection | Select the channel CH20.CH169A up or down.CH169B. CH53.CH101.CH155.CH179 Confirm key save, default CH20. | |
| 3、Y | Up or down to change the operation parameter value of Y motor (adjustable range 000-255), confirm the key saving, default 128. | |
| 4. Y speed | Change Y motor speed operation parameter value (adjustable range 000-255), confirm that the key is saved, default 128. | |
| 5, Y pattern | Modify the Y mode parameter value up or down (adjustable range 000-255), confirm the key save, default 128. | |
| 6, the Y mode amplitude | Change the Y mode amplitude parameter value up or down (adjustable range 000-255), confirm the key save, default 128. | |
| 7. Focus tuning | Modify the operating parameter value of focusing motor (adjustable range 000-255), confirm the key saving, default 255. | |
| 8. Total dimming | Change the dimmer parameter value up or down (adjustable range 000-255), confirm the key save, default 255. | |
| 9. Flash | Modify the strobe parameter value up or down (adjustable range 000-255), confirm the key save, default 000. | |
| 10. Red | Change the red bead brightness up or down (adjustable range 000-255), confirm the key save, default 255. | |
| Green | Change the green bead brightness up or down (adjustable range 000-255), confirm the key save, default 255. | |
| Blue | Change the blue bead brightness up or down (adjustable range 000-255), confirm the key save, default 255. | |
| White | Change the white bead brightness up or down (adjustable range 000-255), confirm the key save, default 255. | |
| 14, pattern | Modify mode parameter values up or down (adjustable range 000-255), confirm key save, default 255. | |
| Speed | Modify the speed parameter value up or down (adjustable range 000-255), confirm the key save, default 255. | |
| Background color | Modify the background color parameter value up or down (adjustable range 000-255), confirm the key save, default 255. | |
| The background tone is the light | Change the background tone light parameter value up or down (adjustable range 000-255), confirm the key save, default 255. | |
| 18. Restage | Yes / no | |
| 4. Display Settings | 1. Language selection | Select Chinese / EN (English) up or down, confirm the key to save, default Chinese. | |
| 2. Reverse setting | Select off / On up or down, confirm that the key is saved and close by default. | |
| 3. Screen protection | Up or down, save the key to save by default. | |
| 4. Software version | 04XZ | |
| 5. Factory Settings | Show: Please enter the password! Change up or down to 138, and then press the confirm key to enter the factory settings. | 1, and Y1 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 2, and F1 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 3, Y2 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 4, the F2 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 5, Y3 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 6, and F3 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 7, Y4 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 8, and F4 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 9, Y5 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 10, and F5 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 11, Y6 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 12, and F6 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 13, and Y7 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 14, and F7 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 15, and Y8 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 16, and F8 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 17, and Y9 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 18, and F9 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 19, Y10 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 20, and F10 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 21, Y11 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 22, F11 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 23, Y12 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 24, F12 axis calibration | Modify parameters up or down (range 000-255), confirm key save, default 128. |
| 25, the Y-axis stroke | Modify Y travel parameters up or down (range 000-255), confirm key save, default 128. |
| 26, focus stroke | Modify focus stroke parameters up or down (range 000-255), confirm key save, default 128. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Red | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Green | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| Blue | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| White | Modify parameters up or down (range 000-255), confirm key save, default 255. |
| 75, the LED direction | Modify the LED direction parameter (range 000-255) up or down, confirm that the key is saved, default 000. |
| Current | Modify current parameters up or down (range 000-255), confirm key save, default 230. |
| 77、LOGO | LOGO changing-over |
| 78, temperature | Temperature modification. Default 45 |
| 79. Temperature control-fan | Turn on / off |
| 80、LED | LED sequence switch |
|  |  | 81, and the YF direction | Modify YF direction parameters up or down (range 000-255), confirm key save, default 000. |

**3. Master-slave machine control**

**Two or more identical lamps are connected with DMX three-core signal line, all lamps are modified to 001~512 any address code, set as the other set, and the other lamps are slave, all slave screens adjust the gradual change, the pulse-control, jump, sound control and self-walking effect.**

**Special attention: 1, a group of lamps can only be set with one host, if there are more than one host, all the lamps will flash and not synchronized.**

**2. All lamps must be used when the DMX512 console is closed.**

**4. DMX512 Control**

**All the address codes of lamps are set, and all lamps are connected to the DMX512 console in parallel with DMX three-core signal lines. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lamps, and the relevant functions are controlled with the DMX512 console according to the channel instructions.**

**CH20 Channel Description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | Y coarse adjustment (Y mode direction) |
| 2 | 000-255 | Y fine-tuning overall (Y mode amplitude) |
| 3 | 000-255 | Y-speed (Y-mode speed) |
| 4 | 000-255 | Y mode (Y effect amplitude) |
| 5 | 000-255 | CTC |
| 6 | 000-255 | Color macro |
| 7 | 000-255 | pattern |
| 8 | 000-255 | LED built-in effect |
| 9 | 000-255 | LED built-in effect speed |
| 10 | 000-255 | LED built-in effect drag time |
| 11 | 000-255 | LED background colour |
| 12 | 000-255 | LED background tone light |
| 13 | 000-255 | aiming |
| 14 | 000-255 | stroboflash |
| 15 | 000-255 | Amplify the whole |
| 16 | 000-255 | function |
| 17 | 000-255 | Red (effect-based color selection) |
| 18 | 000-255 | Green (effect-based color selection) |
| 19 | 000-255 | Blue (effect-color selection) |
| 20 | 000-255 | White (effect-based color selection) |

**CH 53 channel description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | Y1 coarse tuning (Y mode direction) |
| 2 | 000-255 | Y1 fine-tuning |
| 3 | 000-255 | Y2 coarse tone (Y of mode amplitude) |
| 4 | 000-255 | Y2 fine-tuning |
| 5 | 000-255 | Y3 coarse tone |
| 6 | 000-255 | Y3 fine-tuning |
| 7 | 000-255 | Y4 thick tone |
| 8 | 000-255 | Y4 fine-tuning |
| 9 | 000-255 | Y5 thick tone |
| 10 | 000-255 | Y5 fine-tuning |
| 11 | 000-255 | Y6 thick tone |
| 12 | 000-255 | Y6 fine-tuning |
| 13 | 000-255 | Y7 thick tone |
| 14 | 000-255 | Y7 fine-tuning |
| 15 | 000-255 | Y8 thick tone |
| 16 | 000-255 | Y8 fine-tuning |
| 17 | 000-255 | Y9 thick tone |
| 18 | 000-255 | Y9 fine-tuning |
| 19 | 000-255 | Y10 thick tone |
| 20 | 000-255 | Y10 fine-tuning |
| 21 | 000-255 | Y11 coarse tone |
| 22 | 000-255 | Y11 fine-tuning |
| 23 | 000-255 | Y12 coarse tone |
| 24 | 000-255 | Y12 fine-tuning |
| 25 | 000-255 | Y-speed (Y-mode speed) |
| 26 | 000-255 | Y pattern |
| 27 | 000-255 | CTC |
| 28 | 000-255 | Color macro |
| 29 | 000-255 | pattern |
| 30 | 000-255 | LED built-in effect |
| 31 | 000-255 | LED built-in effect speed |
| 32 | 000-255 | LED built-in effect drag time |
| 33 | 000-255 | LED background colour |
| 34 | 000-255 | LED background tone light thick tone |
| 35 | 000-255 | aiming |
| 36 | 000-255 | stroboflash |
| 37 | 000-255 | Amplification 1 |
| 38 | 000-255 | Amplification 2 |
| 39 | 000-255 | Amplification 3 |
| 40 | 000-255 | Amplification 4 |
| 41 | 000-255 | Amplification 5 |
| 42 | 000-255 | Amplification 6 |
| 43 | 000-255 | Amplification 7 |
| 44 | 000-255 | Amplification 8 |
| 45 | 000-255 | Amplification 9 |
| 46 | 000-255 | Amplification 10 |
| 47 | 000-255 | Amplification 11 |
| 48 | 000-255 | Amplification 12 |
| 49 | 000-255 | function |
| 50 | 000-255 | red |
| 51 | 000-255 | green |
| 52 | 000-255 | blue |
| 53 | 000-255 | white |

**CH169A Channel description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | function |
| 2 | 000-255 | Y-speed (Y-mode speed) |
| 3 | 000-255 | Y pattern |
| 4 | 000-255 | CTC |
| 5 | 000-255 | Color macro |
| 6 | 000-255 | pattern |
| 7 | 000-255 | LED built-in effect |
| 8 | 000-255 | LED built-in effect speed |
| 9 | 000-255 | LED built-in effect drag time |
| 10 | 000-255 | LED background colour |
| 11 | 000-255 | LED background tone light thick tone |
| 12 | 000-255 | LED background tone light fine-tuning |
| 13 | 000-255 | stroboflash |
| 14 | 000-255 | Y1 coarse tuning (Y mode direction) |
| 15 | 000-255 | Y1 fine-tuning |
| 16 | 000-255 | Amplification 1 |
| 17 | 000-255 | Tuning 1 rough adjustment |
| 18 | 000-255 | Tuning 1 fine-tuning |
| 19 | 000-255 | Red 1 thick tone |
| 20 | 000-255 | Red 1 fine-tuning |
| 21 | 000-255 | Green 1 thick tone |
| 22 | 000-255 | Green 1 fine-tuning |
| 23 | 000-255 | Blue 1 thick tone |
| 24 | 000-255 | Blue 1 fine-tuning |
| 25 | 000-255 | White 1 thick tone |
| 26 | 000-255 | White 1 fine-tuning |
| 27 | 000-255 | Y2 coarse tone (Y effect amplitude) |
| 28 | 000-255 | Y2 fine-tuning |
| 29 | 000-255 | Amplification 2 |
| 30 | 000-255 | Tuning 2 rough adjustment |
| 31 | 000-255 | Tuning 2 fine-tuning |
| 32 | 000-255 | Red 2 thick tone |
| 33 | 000-255 | Red 2 fine-tuning |
| 34 | 000-255 | Green 2 thick tone |
| 35 | 000-255 | Green 2 fine-tuning |
| 36 | 000-255 | Blue 2 thick tone |
| 37 | 000-255 | Blue 2 fine-tuning |
| 38 | 000-255 | White 2 thick tone |
| 39 | 000-255 | White 2 fine-tuning |
| 40 | 000-255 | Y3 coarse tone |
| 41 | 000-255 | Y3 fine-tuning |
| 42 | 000-255 | Amplification 3 |
| 43 | 000-255 | Tuning 3 thick tone |
| 44 | 000-255 | Tuning 3 fine-tuning |
| 45 | 000-255 | Red 3 thick tone |
| 46 | 000-255 | Red 3 fine-tuning |
| 47 | 000-255 | Green 3 thick tone |
| 48 | 000-255 | Green 3 fine-tuning |
| 49 | 000-255 | Blue 3 thick tone |
| 50 | 000-255 | Blue 3 fine-tuning |
| 51 | 000-255 | White 3 thick tone |
| 52 | 000-255 | White 3 fine-tuning |
| 53 | 000-255 | Y4 thick tone |
| 54 | 000-255 | Y4 fine-tuning |
| 55 | 000-255 | Amplification 4 |
| 56 | 000-255 | Tuning 4 thick tone |
| 57 | 000-255 | Tuning 4 fine-tuning |
| 58 | 000-255 | Red 4 thick tone |
| 59 | 000-255 | Red 4 fine-tuning |
| 60 | 000-255 | Green 4 thick tone |
| 61 | 000-255 | Green 4 fine-tuning |
| 62 | 000-255 | Blue 4 thick tone |
| 63 | 000-255 | Blue 4 fine-tuning |
| 64 | 000-255 | White 4 thick tone |
| 65 | 000-255 | White 4 fine-tuning |
| 66 | 000-255 | Y5 thick tone |
| 67 | 000-255 | Y5 fine-tuning |
| 68 | 000-255 | Amplification 5 |
| 69 | 000-255 | Tuning 5 thick tone |
| 70 | 000-255 | Tuning 5 fine-tuning |
| 71 | 000-255 | Red 5 thick tone |
| 72 | 000-255 | Red 5 fine-tuning |
| 73 | 000-255 | Green 5 thick tone |
| 74 | 000-255 | Green 5 fine-tuning |
| 75 | 000-255 | Blue 5 thick tone |
| 76 | 000-255 | Blue 5 fine-tuning |
| 77 | 000-255 | White 5 thick tone |
| 78 | 000-255 | White 5 fine-tuning |
| 79 | 000-255 | Y6 thick tone |
| 80 | 000-255 | Y6 fine-tuning |
| 81 | 000-255 | Amplification 6 |
| 82 | 000-255 | Dim 6 thick tone |
| 83 | 000-255 | Tuning 6 fine-tuning |
| 84 | 000-255 | Red 6 thick tone |
| 85 | 000-255 | Red 6 fine-tuned |
| 86 | 000-255 | Green 6 thick tone |
| 87 | 000-255 | Green 6 fine-tuning |
| 88 | 000-255 | Blue 6 thick tone |
| 89 | 000-255 | Blue 6 fine-tuning |
| 90 | 000-255 | White 6 thick tone |
| 91 | 000-255 | White 6 fine-tuning |
| 92 | 000-255 | Y7 thick tone |
| 93 | 000-255 | Y7 fine-tuning |
| 94 | 000-255 | Amplification 7 |
| 95 | 000-255 | Tuning 7 thick tone |
| 96 | 000-255 | Tuning 7 fine-tuning |
| 97 | 000-255 | Red 7 thick tone |
| 98 | 000-255 | Red 7 fine-tuning |
| 99 | 000-255 | Green 7 thick tone |
| 100 | 000-255 | Green 7 fine-tuning |
| 101 | 000-255 | Blue 7 thick tone |
| 102 | 000-255 | Blue 7 fine-tuning |
| 103 | 000-255 | White 7 thick tone |
| 104 | 000-255 | White 7 fine-tuning |
| 105 | 000-255 | Y8 thick tone |
| 106 | 000-255 | Y8 fine-tuning |
| 107 | 000-255 | Amplification 8 |
| 108 | 000-255 | Dim 8 thick tone |
| 109 | 000-255 | Tuning 8 fine-tuning |
| 110 | 000-255 | Red 8 thick tone |
| 111 | 000-255 | Red 8 fine-tuning |
| 112 | 000-255 | Green 8 thick tone |
| 113 | 000-255 | Green 8 fine-tuning |
| 114 | 000-255 | Blue 8 thick tone |
| 115 | 000-255 | Blue 8 fine-tuning |
| 116 | 000-255 | White 8 thick tone |
| 117 | 000-255 | White 8 fine-tuning |
| 118 | 000-255 | Y9 thick tone |
| 119 | 000-255 | Y9 fine-tuning |
| 120 | 000-255 | Amplification 9 |
| 121 | 000-255 | Tune 9 thick tone |
| 122 | 000-255 | Tuning 9 fine-tuning |
| 123 | 000-255 | Red 9 thick tone |
| 124 | 000-255 | Red 9 fine-tuning |
| 125 | 000-255 | Green 9 thick tone |
| 126 | 000-255 | Green 9 fine-tuning |
| 127 | 000-255 | Blue 9 thick tone |
| 128 | 000-255 | Blue 9 fine-tuning |
| 129 | 000-255 | White 9 thick tone |
| 130 | 000-255 | White 9 fine-tuning |
| 131 | 000-255 | Y10 thick tone |
| 132 | 000-255 | Y10 fine-tuning |
| 133 | 000-255 | Amplification 10 |
| 134 | 000-255 | Tuning 10 thick tone |
| 135 | 000-255 | Tuning 10 fine-tuning |
| 136 | 000-255 | Red 10 thick tone |
| 137 | 000-255 | Red 10 fine-tuned |
| 138 | 000-255 | Green 10 thick tone |
| 139 | 000-255 | Green 10 fine-tuning |
| 140 | 000-255 | Blue 10 thick tone |
| 141 | 000-255 | Blue 10 fine-tuned |
| 142 | 000-255 | White 10 thick tone |
| 143 | 000-255 | White 10 fine-tuned |
| 144 | 000-255 | Y11 coarse tone |
| 145 | 000-255 | Y11 fine-tuning |
| 146 | 000-255 | Amplification 11 |
| 147 | 000-255 | Tuning 11 thick tone |
| 148 | 000-255 | Tuning 11 fine-tuning |
| 149 | 000-255 | Red 11 thick tone |
| 150 | 000-255 | Red 11 fine-tuning |
| 151 | 000-255 | Green 11 thick tone |
| 152 | 000-255 | Green 11 fine-tuning |
| 153 | 000-255 | Blue 11 thick tone |
| 154 | 000-255 | Blue 11 fine-tuning |
| 155 | 000-255 | White 11 thick tone |
| 156 | 000-255 | White 11 fine-tuning |
| 157 | 000-255 | Y12 coarse tone |
| 158 | 000-255 | Y12 fine-tuning |
| 159 | 000-255 | Amplification 12 |
| 160 | 000-255 | Tuning 12 thick tone |
| 161 | 000-255 | Tuning 12 fine-tuning |
| 162 | 000-255 | Red 12 thick tone |
| 163 | 000-255 | Red 12 fine-tuned |
| 164 | 000-255 | Green 12 thick tone |
| 165 | 000-255 | Green 12 fine-tuning |
| 166 | 000-255 | Blue 12 thick tone |
| 167 | 000-255 | Blue 12 fine-tuned |
| 168 | 000-255 | White 12 thick tone |
| 169 | 000-255 | White 12 fine-tuning |

**CH169B Channel description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | Y1 coarse tone |
| 2 | 000-255 | Y1 fine-tuning |
| 3 | 000-255 | Amplification 1 |
| 4 | 000-255 | Tuning 1 rough adjustment |
| 5 | 000-255 | Tuning 1 fine-tuning |
| 6 | 000-255 | Flash 1 |
| 7 | 000-255 | Red 1 thick tone |
| 8 | 000-255 | Red 1 fine-tuning |
| 9 | 000-255 | Green 1 thick tone |
| 10 | 000-255 | Green 1 fine-tuning |
| 11 | 000-255 | Blue 1 thick tone |
| 12 | 000-255 | Blue 1 fine-tuning |
| 13 | 000-255 | White 1 thick tone |
| 14 | 000-255 | White 1 fine-tuning |
| 15 | 000-255 | Y2 coarse tone |
| 16 | 000-255 | Y2 fine-tuning |
| 17 | 000-255 | Amplification 2 |
| 18 | 000-255 | Tuning 2 rough adjustment |
| 19 | 000-255 | Tuning 2 fine-tuning |
| 20 | 000-255 | Flash 2 |
| 21 | 000-255 | Red 2 thick tone |
| 22 | 000-255 | Red 2 fine-tuning |
| 23 | 000-255 | Green 2 thick tone |
| 24 | 000-255 | Green 2 fine-tuning |
| 25 | 000-255 | Blue 2 thick tone |
| 26 | 000-255 | Blue 2 fine-tuning |
| 27 | 000-255 | White 2 thick tone |
| 28 | 000-255 | White 2 fine-tuning |
| 29 | 000-255 | Y3 coarse tone |
| 30 | 000-255 | Y3 fine-tuning |
| 31 | 000-255 | Amplification 3 |
| 32 | 000-255 | Tuning 3 thick tone |
| 33 | 000-255 | Tuning 3 fine-tuning |
| 34 | 000-255 | Flash 3 |
| 35 | 000-255 | Red 3 thick tone |
| 36 | 000-255 | Red 3 fine-tuning |
| 37 | 000-255 | Green 3 thick tone |
| 38 | 000-255 | Green 3 fine-tuning |
| 39 | 000-255 | Blue 3 thick tone |
| 40 | 000-255 | Blue 3 fine-tuning |
| 41 | 000-255 | White 3 thick tone |
| 42 | 000-255 | White 3 fine-tuning |
| 43 | 000-255 | Y4 thick tone |
| 44 | 000-255 | Y4 fine-tuning |
| 45 | 000-255 | Amplification 4 |
| 46 | 000-255 | Tuning 4 thick tone |
| 47 | 000-255 | Tuning 4 fine-tuning |
| 48 | 000-255 | Flash 4 |
| 49 | 000-255 | Red 4 thick tone |
| 50 | 000-255 | Red 4 fine-tuning |
| 51 | 000-255 | Green 4 thick tone |
| 52 | 000-255 | Green 4 fine-tuning |
| 53 | 000-255 | Blue 4 thick tone |
| 54 | 000-255 | Blue 4 fine-tuning |
| 55 | 000-255 | White 4 thick tone |
| 56 | 000-255 | White 4 fine-tuning |
| 57 | 000-255 | Y5 thick tone |
| 58 | 000-255 | Y5 fine-tuning |
| 59 | 000-255 | Amplification 5 |
| 60 | 000-255 | Tuning 5 thick tone |
| 61 | 000-255 | Tuning 5 fine-tuning |
| 62 | 000-255 | Flash 5 |
| 63 | 000-255 | Red 5 thick tone |
| 64 | 000-255 | Red 5 fine-tuning |
| 65 | 000-255 | Green 5 thick tone |
| 66 | 000-255 | Green 5 fine-tuning |
| 67 | 000-255 | Blue 5 thick tone |
| 68 | 000-255 | Blue 5 fine-tuning |
| 69 | 000-255 | White 5 thick tone |
| 70 | 000-255 | White 5 fine-tuning |
| 71 | 000-255 | Y6 thick tone |
| 72 | 000-255 | Y6 fine-tuning |
| 73 | 000-255 | Amplification 6 |
| 74 | 000-255 | Dim 6 thick tone |
| 75 | 000-255 | Tuning 6 fine-tuning |
| 76 | 000-255 | Flash 6 |
| 77 | 000-255 | Red 6 thick tone |
| 78 | 000-255 | Red 6 fine-tuned |
| 79 | 000-255 | Green 6 thick tone |
| 80 | 000-255 | Green 6 fine-tuning |
| 81 | 000-255 | Blue 6 thick tone |
| 82 | 000-255 | Blue 6 fine-tuning |
| 83 | 000-255 | White 6 thick tone |
| 84 | 000-255 | White 6 fine-tuning |
| 85 | 000-255 | Y7 thick tone |
| 86 | 000-255 | Y7 fine-tuning |
| 87 | 000-255 | Amplification 7 |
| 88 | 000-255 | Tuning 7 thick tone |
| 89 | 000-255 | Tuning 7 fine-tuning |
| 90 | 000-255 | Flash 7 |
| 91 | 000-255 | Red 7 thick tone |
| 92 | 000-255 | Red 7 fine-tuning |
| 93 | 000-255 | Green 7 thick tone |
| 94 | 000-255 | Green 7 fine-tuning |
| 95 | 000-255 | Blue 7 thick tone |
| 96 | 000-255 | Blue 7 fine-tuning |
| 97 | 000-255 | White 7 thick tone |
| 98 | 000-255 | White 7 fine-tuning |
| 99 | 000-255 | Y8 thick tone |
| 100 | 000-255 | Y8 fine-tuning |
| 101 | 000-255 | Amplification 8 |
| 102 | 000-255 | Dim 8 thick tone |
| 103 | 000-255 | Tuning 8 fine-tuning |
| 104 | 000-255 | Flash 8 |
| 105 | 000-255 | Red 8 thick tone |
| 106 | 000-255 | Red 8 fine-tuning |
| 107 | 000-255 | Green 8 thick tone |
| 108 | 000-255 | Green 8 fine-tuning |
| 109 | 000-255 | Blue 8 thick tone |
| 110 | 000-255 | Blue 8 fine-tuning |
| 111 | 000-255 | White 8 thick tone |
| 112 | 000-255 | White 8 fine-tuning |
| 113 | 000-255 | Y9 thick tone |
| 114 | 000-255 | Y9 fine-tuning |
| 115 | 000-255 | Amplification 9 |
| 116 | 000-255 | Tune 9 thick tone |
| 117 | 000-255 | Tuning 9 fine-tuning |
| 118 | 000-255 | Flash 9 |
| 119 | 000-255 | Red 9 thick tone |
| 120 | 000-255 | Red 9 fine-tuning |
| 121 | 000-255 | Green 9 thick tone |
| 122 | 000-255 | Green 9 fine-tuning |
| 123 | 000-255 | Blue 9 thick tone |
| 124 | 000-255 | Blue 9 fine-tuning |
| 125 | 000-255 | White 9 thick tone |
| 126 | 000-255 | White 9 fine-tuning |
| 127 | 000-255 | Y10 thick tone |
| 128 | 000-255 | Y10 fine-tuning |
| 129 | 000-255 | Amplification 10 |
| 130 | 000-255 | Tuning 10 thick tone |
| 131 | 000-255 | Tuning 10 fine-tuning |
| 132 | 000-255 | Flash 10 |
| 133 | 000-255 | Red 10 thick tone |
| 134 | 000-255 | Red 10 fine-tuned |
| 135 | 000-255 | Green 10 thick tone |
| 136 | 000-255 | Green 10 fine-tuning |
| 137 | 000-255 | Blue 10 thick tone |
| 138 | 000-255 | Blue 10 fine-tuned |
| 139 | 000-255 | White 10 thick tone |
| 140 | 000-255 | White 10 fine-tuned |
| 141 | 000-255 | Y11 coarse tone |
| 142 | 000-255 | Y11 fine-tuning |
| 143 | 000-255 | Amplification 11 |
| 144 | 000-255 | Tuning 11 thick tone |
| 145 | 000-255 | Tuning 11 fine-tuning |
| 146 | 000-255 | Flash 11 |
| 147 | 000-255 | Red 11 thick tone |
| 148 | 000-255 | Red 11 fine-tuning |
| 149 | 000-255 | Green 11 thick tone |
| 150 | 000-255 | Green 11 fine-tuning |
| 151 | 000-255 | Blue 11 thick tone |
| 152 | 000-255 | Blue 11 fine-tuning |
| 153 | 000-255 | White 11 thick tone |
| 154 | 000-255 | White 11 fine-tuning |
| 155 | 000-255 | Y12 coarse tone |
| 156 | 000-255 | Y12 fine-tuning |
| 157 | 000-255 | Amplification 12 |
| 158 | 000-255 | Tuning 12 thick tone |
| 159 | 000-255 | Tuning 12 fine-tuning |
| 160 | 000-255 | Flash 12 |
| 161 | 000-255 | Red 12 thick tone |
| 162 | 000-255 | Red 12 fine-tuned |
| 163 | 000-255 | Green 12 thick tone |
| 164 | 000-255 | Green 12 fine-tuning |
| 165 | 000-255 | Blue 12 thick tone |
| 166 | 000-255 | Blue 12 fine-tuned |
| 167 | 000-255 | White 12 thick tone |
| 168 | 000-255 | White 12 fine-tuning |
| 169 | 000-255 | function |

**CH 101 channel Description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | Y1 coarse tuning (Y mode direction) |
| 2 | 000-255 | Y1 fine-tuning |
| 3 | 000-255 | Y2 coarse tone (Y of mode amplitude) |
| 4 | 000-255 | Y2 fine-tuning |
| 5 | 000-255 | Y3 coarse tone |
| 6 | 000-255 | Y3 fine-tuning |
| 7 | 000-255 | Y4 thick tone |
| 8 | 000-255 | Y4 fine-tuning |
| 9 | 000-255 | Y5 thick tone |
| 10 | 000-255 | Y5 fine-tuning |
| 11 | 000-255 | Y6 thick tone |
| 12 | 000-255 | Y6 fine-tuning |
| 13 | 000-255 | Y7 thick tone |
| 14 | 000-255 | Y7 fine-tuning |
| 15 | 000-255 | Y8 thick tone |
| 16 | 000-255 | Y8 fine-tuning |
| 17 | 000-255 | Y9 thick tone |
| 18 | 000-255 | Y9 fine-tuning |
| 19 | 000-255 | Y10 thick tone |
| 20 | 000-255 | Y10 fine-tuning |
| 21 | 000-255 | Y11 coarse tone |
| 22 | 000-255 | Y11 fine-tuning |
| 23 | 000-255 | Y12 coarse tone |
| 24 | 000-255 | Y12 fine-tuning |
| 25 | 000-255 | Y speed (Y effect speed) |
| 26 | 000-255 | Y pattern |
| 27 | 000-255 | CTC |
| 28 | 000-255 | Color macro |
| 29 | 000-255 | pattern |
| 30 | 000-255 | LED built-in effect |
| 31 | 000-255 | LED built-in effect speed |
| 32 | 000-255 | LED built-in effect drag time |
| 33 | 000-255 | LED background colour |
| 34 | 000-255 | LED background tone light thick tone |
| 35 | 000-255 | aiming |
| 36 | 000-255 | stroboflash |
| 37 | 000-255 | Amplification 1 |
| 38 | 000-255 | Amplification 2 |
| 39 | 000-255 | Amplification 3 |
| 40 | 000-255 | Amplification 4 |
| 41 | 000-255 | Amplification 5 |
| 42 | 000-255 | Amplification 6 |
| 43 | 000-255 | Amplification 7 |
| 44 | 000-255 | Amplification 8 |
| 45 | 000-255 | Amplification 9 |
| 46 | 000-255 | Amplification 10 |
| 47 | 000-255 | Amplification 11 |
| 48 | 000-255 | Amplification 12 |
| 49 | 000-255 | function |
| 50 | 000-255 | red |
| 51 | 000-255 | green |
| 52 | 000-255 | blue |
| 53 | 000-255 | white |
| 54 | 000-255 | Red 1 |
| 55 | 000-255 | Green 1 |
| 56 | 000-255 | Blue 1 |
| 57 | 000-255 | White 1 |
| 58 | 000-255 | Red 2 |
| 59 | 000-255 | Green 2 |
| 60 | 000-255 | Blue 2 |
| 61 | 000-255 | White 2 |
| 62 | 000-255 | Red 3 |
| 63 | 000-255 | Green 3 |
| 64 | 000-255 | Blue 3 |
| 65 | 000-255 | White 3 |
| 66 | 000-255 | Red 4 |
| 67 | 000-255 | Green 4 |
| 68 | 000-255 | Blue 4 |
| 69 | 000-255 | White 4 |
| 70 | 000-255 | Red 5 |
| 71 | 000-255 | Green 5 |
| 72 | 000-255 | Blue 5 |
| 73 | 000-255 | White 5 |
| 74 | 000-255 | Red 6 |
| 75 | 000-255 | Green 6 |
| 76 | 000-255 | Blue 6 |
| 77 | 000-255 | White 6 |
| 78 | 000-255 | Red 7 |
| 79 | 000-255 | Green 7 |
| 80 | 000-255 | Blue 7 |
| 81 | 000-255 | White 7 |
| 82 | 000-255 | Red 8 |
| 83 | 000-255 | Green 8 |
| 84 | 000-255 | Blue 8 |
| 85 | 000-255 | White 8 |
| 86 | 000-255 | Red 9 |
| 87 | 000-255 | Green 9 |
| 88 | 000-255 | Blue 9 |
| 89 | 000-255 | White 9 |
| 90 | 000-255 | Red 10 |
| 91 | 000-255 | Green 10 |
| 92 | 000-255 | Blue 10 |
| 93 | 000-255 | White 10 |
| 94 | 000-255 | Red 11 |
| 95 | 000-255 | Green 11 |
| 96 | 000-255 | Blue 11 |
| 97 | 000-255 | White 11 |
| 98 | 000-255 | Red 12 |
| 99 | 000-255 | Green 12 |
| 100 | 000-255 | Blue 12 |
| 101 | 000-255 | White 12 |

**CH155 channel description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | Y1 coarse tuning (Y mode direction) |
| 2 | 000-255 | Y1 fine-tuning |
| 3 | 000-255 | Y2 coarse tone (Y of mode amplitude) |
| 4 | 000-255 | Y2 fine-tuning |
| 5 | 000-255 | Y3 coarse tone |
| 6 | 000-255 | Y3 fine-tuning |
| 7 | 000-255 | Y4 thick tone |
| 8 | 000-255 | Y4 fine-tuning |
| 9 | 000-255 | Y5 thick tone |
| 10 | 000-255 | Y5 fine-tuning |
| 11 | 000-255 | Y6 thick tone |
| 12 | 000-255 | Y6 fine-tuning |
| 13 | 000-255 | Y7 thick tone |
| 14 | 000-255 | Y7 fine-tuning |
| 15 | 000-255 | Y8 thick tone |
| 16 | 000-255 | Y8 fine-tuning |
| 17 | 000-255 | Y9 thick tone |
| 18 | 000-255 | Y9 fine-tuning |
| 19 | 000-255 | Y10 thick tone |
| 20 | 000-255 | Y10 fine-tuning |
| 21 | 000-255 | Y11 coarse tone |
| 22 | 000-255 | Y11 fine-tuning |
| 23 | 000-255 | Y12 coarse tone |
| 24 | 000-255 | Y12 fine-tuning |
| 25 | 000-255 | Y-speed (Y-mode speed) |
| 26 | 000-255 | Y pattern |
| 27 | 000-255 | CTC |
| 28 | 000-255 | Color macro |
| 29 | 000-255 | pattern |
| 30 | 000-255 | LED built-in effect |
| 31 | 000-255 | LED built-in effect speed |
| 32 | 000-255 | LED built-in effect drag time |
| 33 | 000-255 | LED background colour |
| 34 | 000-255 | LED background tone light thick tone |
| 35 | 000-255 | LED background tone light fine-tuning |
| 36 | 000-255 | Tuning thick adjustment |
| 37 | 000-255 | Tuning fine-tuning |
| 38 | 000-255 | stroboflash |
| 39 | 000-255 | Amplification 1 |
| 40 | 000-255 | Amplification 2 |
| 41 | 000-255 | Amplification 3 |
| 42 | 000-255 | Amplification 4 |
| 43 | 000-255 | Amplification 5 |
| 44 | 000-255 | Amplification 6 |
| 45 | 000-255 | Amplification 7 |
| 46 | 000-255 | Amplification 8 |
| 47 | 000-255 | Amplification 9 |
| 48 | 000-255 | Amplification 10 |
| 49 | 000-255 | Amplification 11 |
| 50 | 000-255 | Amplification 12 |
| 51 | 000-255 | function |
| 52 | 000-255 | Red thick tone |
| 53 | 000-255 | Red fine tuning |
| 54 | 000-255 | Green thick tone |
| 55 | 000-255 | Green fine-tuning |
| 56 | 000-255 | Blue thick tone |
| 57 | 000-255 | Blue fine-tuning |
| 58 | 000-255 | White thick tone |
| 59 | 000-255 | White fine tuning |
| 60 | 000-255 | Red 1 thick tone |
| 61 | 000-255 | Red 1 fine-tuning |
| 62 | 000-255 | Green 1 thick tone |
| 63 | 000-255 | Green 1 fine-tuning |
| 64 | 000-255 | Blue 1 thick tone |
| 65 | 000-255 | Blue 1 fine-tuning |
| 66 | 000-255 | White 1 thick tone |
| 67 | 000-255 | White 1 fine-tuning |
| 68 | 000-255 | Red 2 thick tone |
| 69 | 000-255 | Red 2 fine-tuning |
| 70 | 000-255 | Green 2 thick tone |
| 71 | 000-255 | Green 2 fine-tuning |
| 72 | 000-255 | Blue 2 thick tone |
| 73 | 000-255 | Blue 2 fine-tuning |
| 74 | 000-255 | White 2 thick tone |
| 75 | 000-255 | White 2 fine-tuning |
| 76 | 000-255 | Red 3 thick tone |
| 77 | 000-255 | Red 3 fine-tuning |
| 78 | 000-255 | Green 3 thick tone |
| 79 | 000-255 | Green 3 fine-tuning |
| 80 | 000-255 | Blue 3 thick tone |
| 81 | 000-255 | Blue 3 fine-tuning |
| 82 | 000-255 | White 3 thick tone |
| 83 | 000-255 | White 3 fine-tuning |
| 84 | 000-255 | Red 4 thick tone |
| 85 | 000-255 | Red 4 fine-tuning |
| 86 | 000-255 | Green 4 thick tone |
| 87 | 000-255 | Green 4 fine-tuning |
| 88 | 000-255 | Blue 4 thick tone |
| 89 | 000-255 | Blue 4 fine-tuning |
| 90 | 000-255 | White 4 thick tone |
| 91 | 000-255 | White 4 fine-tuning |
| 92 | 000-255 | Red 5 thick tone |
| 93 | 000-255 | Red 5 fine-tuning |
| 94 | 000-255 | Green 5 thick tone |
| 95 | 000-255 | Green 5 fine-tuning |
| 96 | 000-255 | Blue 5 thick tone |
| 97 | 000-255 | Blue 5 fine-tuning |
| 98 | 000-255 | White 5 thick tone |
| 99 | 000-255 | White 5 fine-tuning |
| 100 | 000-255 | Red 6 thick tone |
| 101 | 000-255 | Red 6 fine-tuned |
| 102 | 000-255 | Green 6 thick tone |
| 103 | 000-255 | Green 6 fine-tuning |
| 104 | 000-255 | Blue 6 thick tone |
| 105 | 000-255 | Blue 6 fine-tuning |
| 106 | 000-255 | White 6 thick tone |
| 107 | 000-255 | White 6 fine-tuning |
| 108 | 000-255 | Red 7 thick tone |
| 109 | 000-255 | Red 7 fine-tuning |
| 110 | 000-255 | Green 7 thick tone |
| 111 | 000-255 | Green 7 fine-tuning |
| 112 | 000-255 | Blue 7 thick tone |
| 113 | 000-255 | Blue 7 fine-tuning |
| 114 | 000-255 | White 7 thick tone |
| 115 | 000-255 | White 7 fine-tuning |
| 116 | 000-255 | Red 8 thick tone |
| 117 | 000-255 | Red 8 fine-tuning |
| 118 | 000-255 | Green 8 thick tone |
| 119 | 000-255 | Green 8 fine-tuning |
| 120 | 000-255 | Blue 8 thick tone |
| 121 | 000-255 | Blue 8 fine-tuning |
| 122 | 000-255 | White 8 thick tone |
| 123 | 000-255 | White 8 fine-tuning |
| 124 | 000-255 | Red 9 thick tone |
| 125 | 000-255 | Red 9 fine-tuning |
| 126 | 000-255 | Green 9 thick tone |
| 127 | 000-255 | Green 9 fine-tuning |
| 128 | 000-255 | Blue 9 thick tone |
| 129 | 000-255 | Blue 9 fine-tuning |
| 130 | 000-255 | White 9 thick tone |
| 131 | 000-255 | White 9 fine-tuning |
| 132 | 000-255 | Red 10 thick tone |
| 133 | 000-255 | Red 10 fine-tuned |
| 134 | 000-255 | Green 10 thick tone |
| 135 | 000-255 | Green 10 fine-tuning |
| 136 | 000-255 | Blue 10 thick tone |
| 137 | 000-255 | Blue 10 fine-tuned |
| 138 | 000-255 | White 10 thick tone |
| 139 | 000-255 | White 10 fine-tuned |
| 140 | 000-255 | Red 11 thick tone |
| 141 | 000-255 | Red 11 fine-tuning |
| 142 | 000-255 | Green 11 thick tone |
| 143 | 000-255 | Green 11 fine-tuning |
| 144 | 000-255 | Blue 11 thick tone |
| 145 | 000-255 | Blue 11 fine-tuning |
| 146 | 000-255 | White 11 thick tone |
| 147 | 000-255 | White 11 fine-tuning |
| 148 | 000-255 | Red 12 thick tone |
| 149 | 000-255 | Red 12 fine-tuned |
| 150 | 000-255 | Green 12 thick tone |
| 151 | 000-255 | Green 12 fine-tuning |
| 152 | 000-255 | Blue 12 thick tone |
| 153 | 000-255 | Blue 12 fine-tuned |
| 154 | 000-255 | White 12 thick tone |
| 155 | 000-255 | White 12 fine-tuning |

**CH 179 channel description:**

|  |  |  |
| --- | --- | --- |
| **channel** | **The channel value** | **basic function** |
| 1 | 000-255 | Y1 coarse tuning (Y mode direction) |
| 2 | 000-255 | Y1 fine-tuning |
| 3 | 000-255 | Y2 coarse tone (Y of mode amplitude) |
| 4 | 000-255 | Y2 fine-tuning |
| 5 | 000-255 | Y3 coarse tone |
| 6 | 000-255 | Y3 fine-tuning |
| 7 | 000-255 | Y4 thick tone |
| 8 | 000-255 | Y4 fine-tuning |
| 9 | 000-255 | Y5 thick tone |
| 10 | 000-255 | Y5 fine-tuning |
| 11 | 000-255 | Y6 thick tone |
| 12 | 000-255 | Y6 fine-tuning |
| 13 | 000-255 | Y7 thick tone |
| 14 | 000-255 | Y7 fine-tuning |
| 15 | 000-255 | Y8 thick tone |
| 16 | 000-255 | Y8 fine-tuning |
| 17 | 000-255 | Y9 thick tone |
| 18 | 000-255 | Y9 fine-tuning |
| 19 | 000-255 | Y10 thick tone |
| 20 | 000-255 | Y10 fine-tuning |
| 21 | 000-255 | Y11 coarse tone |
| 22 | 000-255 | Y11 fine-tuning |
| 23 | 000-255 | Y12 coarse tone |
| 24 | 000-255 | Y12 fine-tuning |
| 25 | 000-255 | Y-speed (Y-mode speed) |
| 26 | 000-255 | Y pattern |
| 27 | 000-255 | CTC |
| 28 | 000-255 | Color macro |
| 29 | 000-255 | pattern |
| 30 | 000-255 | LED built-in effect |
| 31 | 000-255 | LED built-in effect speed |
| 32 | 000-255 | LED built-in effect drag time |
| 33 | 000-255 | LED background colour |
| 34 | 000-255 | LED background tone light thick tone |
| 35 | 000-255 | LED background tone light fine-tuning |
| 36 | 000-255 | Tuning thick adjustment |
| 37 | 000-255 | Tuning fine-tuning |
| 38 | 000-255 | stroboflash |
| 39 | 000-255 | Amplification 1 |
| 40 | 000-255 | Amplification 2 |
| 41 | 000-255 | Amplification 3 |
| 42 | 000-255 | Amplification 4 |
| 43 | 000-255 | Amplification 5 |
| 44 | 000-255 | Amplification 6 |
| 45 | 000-255 | Amplification 7 |
| 46 | 000-255 | Amplification 8 |
| 47 | 000-255 | Amplification 9 |
| 48 | 000-255 | Amplification 10 |
| 49 | 000-255 | Amplification 11 |
| 50 | 000-255 | Amplification 12 |
| 51 | 000-255 | function |
| 52 | 000-255 | Red thick tone |
| 53 | 000-255 | Red fine tuning |
| 54 | 000-255 | Green thick tone |
| 55 | 000-255 | Green fine-tuning |
| 56 | 000-255 | Blue thick tone |
| 57 | 000-255 | Blue fine-tuning |
| 58 | 000-255 | White thick tone |
| 59 | 000-255 | White fine tuning |
| 60 | 000-255 | Tuning 1 rough adjustment |
| 61 | 000-255 | Tuning 1 fine-tuning |
| 62 | 000-255 | Red 1 thick tone |
| 63 | 000-255 | Red 1 fine-tuning |
| 64 | 000-255 | Green 1 thick tone |
| 65 | 000-255 | Green 1 fine-tuning |
| 66 | 000-255 | Blue 1 thick tone |
| 67 | 000-255 | Blue 1 fine-tuning |
| 68 | 000-255 | White 1 thick tone |
| 69 | 000-255 | White 1 fine-tuning |
| 70 | 000-255 | Tuning 2 rough adjustment |
| 71 | 000-255 | Tuning 2 fine-tuning |
| 72 | 000-255 | Red 2 thick tone |
| 73 | 000-255 | Red 2 fine-tuning |
| 74 | 000-255 | Green 2 thick tone |
| 75 | 000-255 | Green 2 fine-tuning |
| 76 | 000-255 | Blue 2 thick tone |
| 77 | 000-255 | Blue 2 fine-tuning |
| 78 | 000-255 | White 2 thick tone |
| 79 | 000-255 | White 2 fine-tuning |
| 80 | 000-255 | Tuning 3 thick tone |
| 81 | 000-255 | Tuning 3 fine-tuning |
| 82 | 000-255 | Red 3 thick tone |
| 83 | 000-255 | Red 3 fine-tuning |
| 84 | 000-255 | Green 3 thick tone |
| 85 | 000-255 | Green 3 fine-tuning |
| 86 | 000-255 | Blue 3 thick tone |
| 87 | 000-255 | Blue 3 fine-tuning |
| 88 | 000-255 | White 3 thick tone |
| 89 | 000-255 | White 3 fine-tuning |
| 90 | 000-255 | Tuning 4 thick tone |
| 91 | 000-255 | Tuning 4 fine-tuning |
| 92 | 000-255 | Red 4 thick tone |
| 93 | 000-255 | Red 4 fine-tuning |
| 94 | 000-255 | Green 4 thick tone |
| 95 | 000-255 | Green 4 fine-tuning |
| 96 | 000-255 | Blue 4 thick tone |
| 97 | 000-255 | Blue 4 fine-tuning |
| 98 | 000-255 | White 4 thick tone |
| 99 | 000-255 | White 4 fine-tuning |
| 100 | 000-255 | Tuning 5 thick tone |
| 101 | 000-255 | Tuning 5 fine-tuning |
| 102 | 000-255 | Red 5 thick tone |
| 103 | 000-255 | Red 5 fine-tuning |
| 104 | 000-255 | Green 5 thick tone |
| 105 | 000-255 | Green 5 fine-tuning |
| 106 | 000-255 | Blue 5 thick tone |
| 107 | 000-255 | Blue 5 fine-tuning |
| 108 | 000-255 | White 5 thick tone |
| 109 | 000-255 | White 5 fine-tuning |
| 110 | 000-255 | Dim 6 thick tone |
| 111 | 000-255 | Tuning 6 fine-tuning |
| 112 | 000-255 | Red 6 thick tone |
| 113 | 000-255 | Red 6 fine-tuned |
| 114 | 000-255 | Green 6 thick tone |
| 115 | 000-255 | Green 6 fine-tuning |
| 116 | 000-255 | Blue 6 thick tone |
| 117 | 000-255 | Blue 6 fine-tuning |
| 118 | 000-255 | White 6 thick tone |
| 119 | 000-255 | White 6 fine-tuning |
| 120 | 000-255 | Tuning 7 thick tone |
| 121 | 000-255 | Tuning 7 fine-tuning |
| 122 | 000-255 | Red 7 thick tone |
| 123 | 000-255 | Red 7 fine-tuning |
| 124 | 000-255 | Green 7 thick tone |
| 125 | 000-255 | Green 7 fine-tuning |
| 126 | 000-255 | Blue 7 thick tone |
| 127 | 000-255 | Blue 7 fine-tuning |
| 128 | 000-255 | White 7 thick tone |
| 129 | 000-255 | White 7 fine-tuning |
| 130 | 000-255 | Dim 8 thick tone |
| 131 | 000-255 | Tuning 8 fine-tuning |
| 132 | 000-255 | Red 8 thick tone |
| 133 | 000-255 | Red 8 fine-tuning |
| 134 | 000-255 | Green 8 thick tone |
| 135 | 000-255 | Green 8 fine-tuning |
| 136 | 000-255 | Blue 8 thick tone |
| 137 | 000-255 | Blue 8 fine-tuning |
| 138 | 000-255 | White 8 thick tone |
| 139 | 000-255 | White 8 fine-tuning |
| 140 | 000-255 | Tune 9 thick tone |
| 141 | 000-255 | Tuning 9 fine-tuning |
| 142 | 000-255 | Red 9 thick tone |
| 143 | 000-255 | Red 9 fine-tuning |
| 144 | 000-255 | Green 9 thick tone |
| 145 | 000-255 | Green 9 fine-tuning |
| 146 | 000-255 | Blue 9 thick tone |
| 147 | 000-255 | Blue 9 fine-tuning |
| 148 | 000-255 | White 9 thick tone |
| 149 | 000-255 | White 9 fine-tuning |
| 150 | 000-255 | Tuning 10 thick tone |
| 151 | 000-255 | Tuning 10 fine-tuning |
| 152 | 000-255 | Red 10 thick tone |
| 153 | 000-255 | Red 10 fine-tuned |
| 154 | 000-255 | Green 10 thick tone |
| 155 | 000-255 | Green 10 fine-tuning |
| 156 | 000-255 | Blue 10 thick tone |
| 157 | 000-255 | Blue 10 fine-tuned |
| 158 | 000-255 | White 10 thick tone |
| 159 | 000-255 | White 10 fine-tuned |
| 160 | 000-255 | Tuning 11 thick tone |
| 161 | 000-255 | Tuning 11 fine-tuning |
| 162 | 000-255 | Red 11 thick tone |
| 163 | 000-255 | Red 11 fine-tuning |
| 164 | 000-255 | Green 11 thick tone |
| 165 | 000-255 | Green 11 fine-tuning |
| 166 | 000-255 | Blue 11 thick tone |
| 167 | 000-255 | Blue 11 fine-tuning |
| 168 | 000-255 | White 11 thick tone |
| 169 | 000-255 | White 11 fine-tuning |
| 170 | 000-255 | Tuning 12 thick tone |
| 171 | 000-255 | Tuning 12 fine-tuning |
| 172 | 000-255 | Red 12 thick tone |
| 173 | 000-255 | Red 12 fine-tuned |
| 174 | 000-255 | Green 12 thick tone |
| 175 | 000-255 | Green 12 fine-tuning |
| 176 | 000-255 | Blue 12 thick tone |
| 177 | 000-255 | Blue 12 fine-tuned |
| 178 | 000-255 | White 12 thick tone |
| 179 | 000-255 | White 12 fine-tuning |

**Product maintenance and cleaning**

Please note the following points when testing this product:

1. All the screws and parts of the installed products must be tightly connected and do not rust.
2. The shell, lens, fixture and installation site (e. g., ceiling, hanger, truss, etc.) cannot be deformed
3. Mechanical moving parts should not have wear and tear, can not rotate unbalanced.
4. The power cord should not have any damage, material broken skin or scar, etc

The installation and use of the product must be carried out by trained professional and technical personnel, and must ensure that the safety risks are eliminated.

222

In order to maintain the product in good condition and extend the service life, we recommend routine cleaning of the product.

1. Clean the external lens and internal lens of the product every week to prevent the light output of the product from weakening due to the dust of the lens.

2. Clean the fan every week.

3. Every three months, professional electrical engineers will check the product in a detailed circuit, to ensure that the circuit contact is good, to prevent the circuit contact from aging due to overheating.

We recommend that the products be cleaned regularly. Please be careful not to use damp or linen, or never use alcohol or solvents.

This product is not equipped with replacement parts, please refer to the "Installation Instructions" section.

If users need any spare parts, please purchase them from any local dealer.