**Infinite rotation maple leaf retro light**

**1. Technical Specification**

Voltage：AC100-240V50/60Hz

Power：250W

Light source：3\*60W Amber LEDs，36\*3W 3535 3IN1 LEDs，1\*40W 4IN1 LEDs

Channel：International standard dmx512, 15/20/26CH selection

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

Dimmer：0-100％ linear dimmer

Strobe：25 times/sec

1. **DMX512 Channels description**

**a.15 Channels show**

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| --- | --- | --- | --- |
| **Channel** | **Function** | **Value** | **Description** |
| CH1 | X motor | 0-255 | 0-360 degree |
| CH2 | X motor infinite | 0-49 | 0-360 degree rotation, speed from fast to slow, X motor speed enabled 360 degree rotation |
| 50-152 | Clockwise infinite rotation,  speed from fast to slow |
| 153-255 | Anti-Clockwise infinite rotation,  speed from slow to fast |
| CH3 | Amber  Master dimmer | 0-255 | Linear dimmer, from dark to bright |
| CH4 | Strobe | 0 | No function |
| 1-255 | Strobe,  speed from slow to fast (1HZ-25HZ) |
| CH5 | Amber | 0-4 | Light off |
| 5-41 | Amber 1 |
| 42-76 | Amber 2 |
| 77-112 | Amber 3 |
| 113-148 | Amber 1 + Amber 2 |
| 149-184 | Amber 1 + Amber 3 |
| 185-220 | Amber 2 + Amber 3 |
| 221-255 | Amber 1 + Amber 2 + Amber 3 |
| CH6 | 3535RGB  Master dimmer | 0-255 | Linear dimmer, from dark to bright |
| CH7 | Strobe | 0 | No function |
| 1-255 | Strobe,  speed from slow to fast (1HZ-25HZ) |
| CH8 | 3535RGB 1  (Built-in effect running color) | 0-4 | Light off |
| 5-41 | Red |
| 42-76 | Green |
| 77-112 | Blue |
| 113-148 | Red + Green |
| 149-184 | Red + Blue |
| 185-220 | Green + Blue |
| 221-255 | Red + Green + Blue |
| CH9 | 3535RGB 2  (Built-in effect background) | 0-4 | Light off |
| 5-41 | Red |
| 42-76 | Green |
| 77-112 | Blue |
| 113-148 | Red + Green |
| 149-184 | Red + Blue |
| 185-220 | Green + Blue |
| 221-255 | Red + Green + Blue |
| CH10 | 3535RGB 3 | 0-4 | Light off |
| 5-41 | Red |
| 42-76 | Green |
| 77-112 | Blue |
| 113-148 | Red + Green |
| 149-184 | Red + Blue |
| 185-220 | Green + Blue |
| 221-255 | Red + Green + Blue |
| CH11 | Beam RGBW | 0-4 | Light off |
| 5-36 | Red |
| 37-48 | Green |
| 49-79 | Blue |
| 80-111 | White |
| 112-144 | Red + Green |
| 145-176 | Red + Blue |
| 177-208 | Green + Blue |
| 209-240 | Red + Green + Blue |
| 241-255 | Red + Green + Blue + White |
| CH12 | Amber  Macro | 0-4 | No function |
| 5-85 | Built-in effect 1 (from slow to fast) |
| 86-170 | Built-in effect 2 (from slow to fast) |
| 171-255 | Built-in effect 3 (from slow to fast) |
| CH13 | 3535RGB  Macro | 0-4 | No function |
| 5-45 | Built-in effect 1 (from slow to fast) |
| 46-87 | Built-in effect 2 (from slow to fast) |
| 88-129 | Built-in effect 3 (from slow to fast) |
| 130-171 | Built-in effect 4 (from slow to fast) |
| 172-213 | Built-in effect 5 (from slow to fast) |
| 214-255 | Built-in effect 6 (from slow to fast) |
| CH14 | Beam RGBW  Macro | 0-4 | No function |
| 5-85 | Built-in effect 1 (from slow to fast) |
| 86-170 | Built-in effect 2 (from slow to fast) |
| 171-255 | Built-in effect 3 (from slow to fast) |
| CH15 | Reset | 0-199 | No function |
| 200-255 | Reset |

1. **20 Channels show**

|  |  |  |  |
| --- | --- | --- | --- |
| **Channel** | **Function** | **Value** | **Description** |
| CH1 | X motor | 0-255 | 0-360 degree |
| CH2 | X motor infinite | 0-49 | 0-360 degree rotation, speed from fast to slow, X motor speed enabled 360 degree rotation |
| 50-152 | Clockwise infinite rotation,  speed from fast to slow |
| 153-255 | Anti-Clockwise infinite rotation,  speed from slow to fast |
| CH3 | Amber  Master dimmer | 0-255 | Linear dimmer, from dark to bright |
| CH4 | Strobe | 0 | No function |
| 1-255 | Strobe,  speed from slow to fast (1HZ-25HZ) |
| CH5 | Amber 1 | 0-255 | Linear dimmer, from dark to bright |
| CH6 | Amber 2 | 0-255 | Linear dimmer, from dark to bright |
| CH7 | Amber 3 | 0-255 | Linear dimmer, from dark to bright |
| CH8 | 3535RGB  Master dimmer | 0-255 | Linear dimmer, from dark to bright |
| CH9 | Strobe | 0 | No function |
| 1-255 | Strobe,  speed from slow to fast (1HZ-25HZ) |
| CH10 | 3535RGB Red  (Built-in effect running color) | 0-255 | Linear dimmer, from dark to bright |
| CH11 | 3535RGB Green  (Built-in effect background) | 0-255 | Linear dimmer, from dark to bright |
| CH12 | 3535RGB Blue | 0-255 | Linear dimmer, from dark to bright |
| CH13 | Beam RGBW Red | 0-255 | Linear dimmer, from dark to bright |
| CH14 | Beam RGBW Green | 0-255 | Linear dimmer, from dark to bright |
| CH15 | Beam RGBW Blue | 0-255 | Linear dimmer, from dark to bright |
| CH16 | Beam RGBW White | 0-255 | Linear dimmer, from dark to bright |
| CH17 | Amber  Macro | 0-4 | No function |
| 5-85 | Built-in effect 1 (from slow to fast) |
| 86-170 | Built-in effect 2 (from slow to fast) |
| 171-255 | Built-in effect 3 (from slow to fast) |
| CH18 | 3535RGB  Macro | 0-4 | No function |
| 5-45 | Built-in effect 1 (from slow to fast) |
| 46-87 | Built-in effect 2 (from slow to fast) |
| 88-129 | Built-in effect 3 (from slow to fast) |
| 130-171 | Built-in effect 4 (from slow to fast) |
| 172-213 | Built-in effect 5 (from slow to fast) |
| 214-255 | Built-in effect 6 (from slow to fast) |
| CH19 | Beam RGBW  Macro | 0-4 | No function |
| 5-85 | Built-in effect 1 (from slow to fast) |
| 86-170 | Built-in effect 2 (from slow to fast) |
| 171-255 | Built-in effect 3 (from slow to fast) |
| CH20 | Reset | 0-199 | No function |
| 200-255 | Reset |

1. **26 Channels show**

|  |  |  |  |
| --- | --- | --- | --- |
| **Channel** | **Function** | **Value** | **Description** |
| CH1 | X motor | 0-255 | 0-360 degree |
| CH2 | X motor infinite | 0-49 | 0-360 degree rotation, speed from fast to slow, X motor speed enabled 360 degree rotation |
| 50-152 | Clockwise infinite rotation,  speed from fast to slow |
| 153-255 | Anti-Clockwise infinite rotation,  speed from slow to fast |
| CH3 | Amber  Master dimmer | 0-255 | Linear dimmer, from dark to bright |
| CH4 | Strobe | 0 | No function |
| 1-255 | Strobe,  speed from slow to fast (1HZ-25HZ) |
| CH5 | Amber 1 | 0-255 | Linear dimmer, from dark to bright |
| CH6 | Amber 2 | 0-255 | Linear dimmer, from dark to bright |
| CH7 | Amber 3 | 0-255 | Linear dimmer, from dark to bright |
| CH8 | 3535RGB  Master dimmer | 0-255 | Linear dimmer, from dark to bright |
| CH9 | Strobe | 0 | No function |
| 1-255 | Strobe,  speed from slow to fast (1HZ-25HZ) |
| CH10 | 3535RGB Red 1  (Built-in effect running color) | 0-255 | Linear dimmer, from dark to bright |
| CH11 | 3535RGB Green 1  (Built-in effect background) | 0-255 | Linear dimmer, from dark to bright |
| CH12 | 3535RGB Blue 1 | 0-255 | Linear dimmer, from dark to bright |
| CH13 | 3535RGB Red 2 | 0-255 | Linear dimmer, from dark to bright |
| CH14 | 3535RGB Green 2 | 0-255 | Linear dimmer, from dark to bright |
| CH15 | 3535RGB Blue 2 | 0-255 | Linear dimmer, from dark to bright |
| CH16 | 3535RGB Red 3 | 0-255 | Linear dimmer, from dark to bright |
| CH17 | 3535RGB Green 3 | 0-255 | Linear dimmer, from dark to bright |
| CH18 | 3535RGB Blue 3 | 0-255 | Linear dimmer, from dark to bright |
| CH19 | Beam RGBW Red | 0-255 | Linear dimmer, from dark to bright |
| CH20 | Beam RGBW Green | 0-255 | Linear dimmer, from dark to bright |
| CH21 | Beam RGBW Blue | 0-255 | Linear dimmer, from dark to bright |
| CH22 | Beam RGBW White | 0-255 | Linear dimmer, from dark to bright |
| CH23 | Amber  Macro | 0-4 | No function |
| 5-85 | Built-in effect 1 (from slow to fast) |
| 86-170 | Built-in effect 2 (from slow to fast) |
| 171-255 | Built-in effect 3 (from slow to fast) |
| CH24 | 3535RGB  Macro | 0-4 | No function |
| 5-45 | Built-in effect 1 (from slow to fast) |
| 46-87 | Built-in effect 2 (from slow to fast) |
| 88-129 | Built-in effect 3 (from slow to fast) |
| 130-171 | Built-in effect 4 (from slow to fast) |
| 172-213 | Built-in effect 5 (from slow to fast) |
| 214-255 | Built-in effect 6 (from slow to fast) |
| CH25 | Beam RGBW  Macro | 0-4 | No function |
| 5-85 | Built-in effect 1 (from slow to fast) |
| 86-170 | Built-in effect 2 (from slow to fast) |
| 171-255 | Built-in effect 3 (from slow to fast) |
| CH26 | Reset | 0-199 | No function |
| 200-255 | Reset |