# LED80W Computer Shaking Head Light Beam


# User Manual

**(Please read the instructions carefully before use.)**

**Technical parameters:**

**Light source: 80LED white light module**

**Maximum power: 250W**

**Power supply: wide voltage input switching power supply 100V-240V 50-60Hz**

**Color temperature: 7000K-8000K**

**Lamp life: 50000 hours**

**Spot angle: 2 degrees.**

**Control mode: DMX512, master-slave operation**

**Channel mode: 16CH/20CH**

**Support RDM function, DMX software upgrade function**

**Optional network function support: Artnet, sACN, network protocol**

**X/Y scan: horizontal 540 degree, vertical: 270 degrees.**

**Color: 13 color plates + pure white light, rainbow effect, can be positioned arbitrarily.**

**Fixed pattern: 12 fixed patterns, jitter water effect.**

**6 color: an independent 6 color disc, can achieve the effect of rainbow design.**

**Atomizing mirror: atomizing soft mirror**

**Dimming: 0-100 * linear dimming.**

**Stroboscopic: synchronous pulse strobe, random pulse strobe.**

**Prism 1:8 prism, bidirectional rotation effect**

**Prism plate 2:16 prism, two-way rotation effect**

**Focus: the pattern can be adjusted clearly.**

**Display: color LCD display, Chinese and English display, reversible display**

**Efficient heat dissipation system, whole temperature monitoring, over temperature automatic protection, no risk of lamp damage.**

**Product size:**

**package size:**

**Net weight:**

**Gross weight:**

# 80W LED Beam Channel Table

| Standard mode (20 channel) | Streamlined mode (16 channel) | DMX value | Channel function |
|---|---|---|---|
| 1 | 1 | 0—255 | X axis |
| 2 | 2 | 0—255 | X axis fine tuning |
| 3 | 3 | 0—255 | Y axis |
| 4 | 4 | 0—255 | Y axis fine tuning |
| 5 | * | 0—255 | XY axial velocity |
| 6 | 5 | | Stroboscopic |
| | | 0-3 | Close |
| | | 4-103 | Strobe from slow to fast |
| | | 104-107 | Open light |
| | | 108-207 | Pulse strobe from slow to fast |
| | | 208-212 | Open light |
| | | 213-225 | Random slow strobe |
| | | 226-238 | Random medium speed strobe |
| | | 239-251 | Random fast strobe |
| | | 252-255 | Open light |
| 7 | 6 | 0-255 | Dimming |
| 8 | * | 0-255 | dimmer fine |
| 9 | 7 | | Color film |

| | | | |
|---|---|---|---|
| | | 0–4 | white light |
| | | 5–9 | White + color 1 |
| | | 10–14 | Color 1 |
| | | 15–19 | Color 1+ color 2 |
| | | 20–24 | Color 2 |
| | | 25–29 | Color 2+ color 3 |
| | | 30–34 | Color 3 |
| | | 35–39 | Color 3+ color 4 |
| | | 40–44 | Color 4 |
| | | 45–49 | Color 4+ color 5 |
| | | 50–54 | Color 5 |
| | | 55–59 | Color 5+ color 6 |
| | | 60–64 | Color 6 |
| | | 65–69 | Color 6+ color 7 |
| | | 70–74 | Color 7 |
| | | 75–79 | Color 7+ color 8 |
| | | 80–84 | Color 8 |
| | | 85–89 | Color 8+ color 9 |
| | | 90–94 | Color 9 |
| | | 95–99 | Color 9+ color 10 |
| | | 100–104 | Color 10 |
| | | | |
| | | 105–109 | Color 10+ color 11 |
| | | 110–114 | Color 11 |
| | | 115–119 | Color 11+ color 12 |
| | | 120–124 | Color 12 |
| | | 125–129 | Color 12+ color 13 |
| | | 130–134 | Color 13 |
| | | 140–149 | white light |
| | | 115—199 | From fast to slow flowing water |
| | | 200–205 | Water stop |
| | | 206–255 | From slow to fast flowing water |
| 10 | * | 0–255 | Color trimming |
| 11 | 8 | | Fixed pattern |
| | | 0–9 | white light |
| | | 10–19 | Pattern 1 |
| | | 20–29 | Pattern 2 |
| | | 30–39 | Pattern 3 |
| | | 40–49 | Pattern 4 |
| | | 50–59 | Pattern 5 |
| | | 60–69 | Pattern 6 |
| | | 70–79 | Pattern 7 |
| | | 80–89 | Pattern 8 |

| | | | |
|---|---|---|---|
| | | 90-99 | Pattern 9 |
| | | 100-109 | Pattern 10 |
| | | 110-119 | Pattern 11 |
| | | 120-127 | Pattern 1 jitter (from slow to fast) |
| | | 128-135 | Pattern 2 jitter (from slow to fast) |
| | | 136-143 | Pattern 3 jitter (from slow to fast) |
| | | 144-151 | Pattern 4 jitter (from slow to fast) |
| | | 152-159 | Pattern 5 jitter (from slow to fast) |
| | | 160-167 | Pattern 6 jitter (from slow to fast) |
| | | 168-175 | Pattern 7 jitter (from slow to fast) |
| | | 176-183 | Pattern 8 jitter (from slow to fast) |
| | | 184-191 | Pattern 9 jitter (from slow to fast) |
| | | 192-199 | Pattern 10 jitter (from slow to fast) |
| | | 200-207 | Pattern 11 jitter (from slow to fast) |
| | | 208-230 | The pattern is running water (from fast to slow). |
| | | 231-232 | Water stop |
| | | 233-255 | Patterned reverse flow (slow to fast) |
| 12 | 9 | 0—255 | focusing |
| 13 | * | 0—255 | Focussing |
| 14 | 10 | | Seven colors |
| | | 0-127 | empty |
| | | 128-255 | Seven colors |
| 15 | 11 | | atomization |
| | | 0-255 | Linear atomization |
| 16 | 12 | | Prism 1 |
| | | 0—127 | empty |
| | | 128-255 | Prism 1 opens |
| 17 | 13 | | Prism 1 rotation |
| | | 0—63 | Prism 1 linear positioning |
| | | 64—126 | Clockwise from fast to slow flowing water |
| | | 127—128 | Water stop |
| | | 129—191 | Counterclockwise from slow to fast flowing water |
| | | 192—255 | Positive inversion (from slow to fast) |
| 18 | 14 | | Prism 2 |
| | | 0—127 | empty |
| | | 128-255 | Prism 2 opens |
| 19 | 15 | | Prism 2 rotation |
| | | 0—63 | Prism 2 linear positioning |

| | | | |
|---|---|---|---|
| | | 64－126 | Clockwise from fast to slow flowing water |
| | | 127－128 | Water stop |
| | | 129－191 | Counterclockwise from slow to fast flowing water |
| | | 192－255 | Positive inversion (from slow to fast) |
| 20 | 16 | | reset |
| | | 200－250 | Reset of lamps and lanterns |
| | | Others | empty |