

channel	Channel Mode
	19
1	level
2	pan fine
3	vertical
4	Tilt Fine
5	Horizontal and vertical velocity
6	stroboscopic
7	dimming
8	color
9	Fixed diagram
10	pattern
11	pattern rotation
12	focusing
13	prism
14	XY automatic
15	reset
16	retain
17	Light circle on and flicker
18	Lamp ring effect
19	Light circle effect speed

Channel parameter values (full version):

channel	function	Channel value	effect
1	level	000-255	0 - 540°
2	pan fine	000-255	0 - 270°
3	vertical	000-255	0 - 2.1°
4	Tilt Fine	000-255	0 - 1.0°
5	Horizontal and vertical velocity	000-255	Fast slow
6	stroboscopic	000-003	close
		004-207	Strobe slow fast
		208-212	open
		213-251	Random flicker slow fast
		252-255	open
7	dimming	000-127	Off light
8	color	000-007	white light
		008-015	White light+color 1
		016-023	Color 1
		024-031	Color 1+Color 2
		032-039	Color 2
		040-047	Color 2+Color 3
		048-055	Color 3
		056-063	Color 3+Color 4
		064-071	Color 4
		072-079	Color 4+Color 5
		080-087	Color 5
		088-095	Color 5+Color 6

		096-103 104-111 112-119 120-127 128-191 192-255	Color 6 Color 6+Color 7 Color 7 Color 7+White Light Rainbow effect turns forward slowly - fast Rainbow effect reversal slow fast
9	Fixed diagram	000-004 005-009 010-014 015-019 020-024 025-029 030-034 035-039 040-054 055-069 070-084 085-099 100-114 115-125 130-144 145-200 201-255	white light Fixed Figure 1 Fixed Figure 2 Fixed Figure 3 Fixed Figure 4 Fixed Figure 5 Fixed Figure 6 Fixed Figure 7 Jitter in Figure 7 (from slow to fast) Jitter in Figure 6 (from slow to fast) Jitter in Figure 5 (from slow to fast) Fixed image 4 jitter (from slow to fast) Jitter in Figure 3 (from slow to fast) Fixed image 2 jitter (from slow to fast) Fixed image 1 jitter (from slow to fast) Reverse flow (from fast to slow) Forward flowing water (from slow to fast)
10	pattern	000-004 005-009 010-014 015-019 020-024 025-029 030-034 035-039 040-054 055-069 070-084 085-099 100-114 115-125 130-144 145-200 201-255	white light Pattern 1 Pattern 2 Pattern 3 Pattern 4 Pattern 5 Pattern 6 Pattern 7 Pattern 7 jitter (from slow to fast) Pattern 6 Shake (from slow to fast) Pattern 5 Shake (from slow to fast) Pattern 4 Shake (from slow to fast) Pattern 3 Shake (from slow to fast) Fixed image 2 jitter (from slow to fast) Fixed image 1 jitter (from slow to fast) Reverse flow (from fast to slow) Forward flowing water (from slow to fast)
11	pattern rotation	000-127 128-191 192-255	angle Forward rotation fast slow Reverse slow fast
12	focusing	000-255	Near far
13	Prism+Rotation	000-031 032-127 128-255	No prism prism Slow fast forward rotation

14	automatic	000-255	Slow fast
15	reset	000-250 251-255	none Reset in a few seconds
16	retain		
17	Light circle on and flicker		
18	Lamp ring effect		Multiple effects
19	Light circle effect speed		Stop/Slow - Fast

3. Common Faults

Corresponding solutions have been proposed for some common faults. Any unsolvable problem should be handled by professionals. Before maintaining the lighting fixtures, please disconnect the power supply first.

1. The light bulb is not working

- Check if a voltage that matches the lighting fixture is installed;
- Check for poor contact at the power supply connection or control switch of the lighting fixture;
- Check if the power supply is insufficient;
- Check if the DMX512 controller has sent instructions.

2. The lamp does not accept control from the console after normal reset

- Check if the digital start address values and functional options of the lighting fixtures are correct;
- Check whether the connection of the communication control circuit is correct, whether the communication circuit is too long or has been interrupted;
- Check if the control equipment is malfunctioning and if the signal amplifier connected in series is malfunctioning;
- Check if the communication line is too long or if there are other devices interfering with each other;
- Optimize wiring, shorten the length of control signal lines, and separate high-voltage and low-voltage lines for wiring;
- Add signal amplifier;
- The signal line adopts high-quality shielded twisted pair cables;
- Connect a signal terminal resistor (120 ohms) at the end of the lamp.