

Gobo wheel reset failed	Gobo wheel hall or gobo motor has error
Focus reset failed	focus hall or focus motor has error
Lamp control failed	Failed to light up or turn off the bulb, there is a problem with the ignitor or bulb

### 3. CHANNEL(16/20CH)

Follow 1-16 when you choose 16CH mode, follow 1-20 ch when you choose 20 CH mode

1	Color wheel	000-004	White
		005-009	White+color 1
		010-014	Color 1
		015-019	Color 1+color 2
		020-024	Color 2
		025-029	Color 2+color 3
		030-034	Color 3
		035-039	Color 3+color 4
		040-044	Color 4
		045-049	Color 4+color 5
		050-054	Color 5
		055-059	Color 5+color 6
		060-064	Color 6
		065-069	Color 6+color 7
		070-074	Color 7
		075-079	Color 7+color 8
		080-084	Color 8
		085-089	Color 8+color 9
		090-094	Color 9
		095-099	Color 9+color 10
		100-104	Color 10
		105-109	Color 10+color 11
		110-114	Color 11
		115-119	Color 11+color 12

2	Strobe	120-124	Color 12
		125-129	Color 12+color 13
		130-134	Color 13
		135-139	Color 13+white
		140-200	Positive flow effect(from fast to slow)
		201-255	Reverse flow effect(from slow to fast)
		000-003	Shutter close
		004-103	Strobe from slow to fast
		104-107	shutter open → (controlled by dimming channel)
		108-207	Pulse strobe from slow to fast
		208-212	shutter on → (controlled by dimming channel)
		213-251	Random strobe from slow to fast
		252-255	shutter on → (controlled by dimming channel)
3	Dimmer	000-255	From dark to light
4	Gobo	000-004	White
		005-009	Fixed gobo 1
		010-014	Fixed gobo 2
		015-019	Fixed gobo 3
		020-024	Fixed gobo 4
		025-029	Fixed gobo 5
		030-034	Fixed gobo 6
		035-039	Fixed gobo 7
		040-044	Fixed gobo 8
		045-049	Fixed gobo 9
		050-054	Fixed gobo 10.
		055-059	Fixed gobo 11.
		060-064	Fixed gobo 12
		065-069	Fixed gobo 13
		070-074	Fixed gobo 14
		075-079	White shake

4		080- 084	Fixed gobo 1 shake (from slow to fast)
		085- 089	Fixed gobo 2 shake (from slow to fast)
		090- 094	Fixed gobo 3 shake (from slow to fast)
		095- 099	Fixed gobo 4 shake (from slow to fast)
		100- 104	Fixed gobo 5 shake (from slow to fast)
		105- 109	Fixed gobo 6 shake (from slow to fast)
		110- 114	Fixed gobo 7 shake (from slow to fast)
		115- 119	Fixed gobo 8 shake (from slow to fast)
		120- 124	Fixed gobo 9 shake (from slow to fast)
		125- 129	Fixed gobo 10 shake (from slow to fast)
		130- 134	Fixed gobo 11 shake (from slow to fast)
		135- 139	Fixed gobo 12 shake (from slow to fast)
		140-144	Fixed gobo 13 shake (from slow to fast)
		144-149	Fixed gobo 14 shake (from slow to fast)
5	Prism	150-199	Positive flow effect(from fast to slow)
		200-255	Reverse flow effect(from slow to fast)
6	Prism	000-127	Prism fade
6	Prism rotation	128-255	Prism slide
		000-127	Prism Angle adjustment
		128-192	Reverse rotation (from fast to slow)
7	Marco Function	193-255	Positive rotation (from slow to fast)
8	Frost&colorful	000-255	Color Prism Slide
		000-127	White
		128-191	Colorful lens slide
9	Zoom	192-255	Frost lens slide
10	Pan scan	000-255	The gobo sharpness from far to near
11	Pan fine	000-255	Pan 540 degree scan
12	Tilt scan	000-255	Pan 1.2 degree fine
13	Tilt fine	000-255	Tilt 270 degree scan
14	XY Speed	000-255	Tilt 1.2 degree fine
			From fast to slow

15	Reset	000-250	Reset	
		251-255	Light Reset	
16	Lamp	000-99	No use	
		100-105	Turn off the lamp	
		200-205	Turn on the lamp	
20 CH Mode	17	No use	000-255	Speed from fast to slow
	18	The speed of color wheel		
	19	Speed of Dimmer/Prism/frost		
	20	The speed of gobo wheel		

#### 4.Instructions and remarks

Warning. Electric shock



1.Check whether the power supply and voltage are normal before use. If the voltage fluctuates greatly, it is recommended to use voltage stabilizer or voltage regulator.

2.This equipment belongs to the first class protection lighting, therefore must put the yellow, the green lines grounding, and by the professional nursing.

1. Do not touch the shell by hand when the equipment is working.

2. Due to the equipment use of gas discharge lamp,when the use process is interrupted. The equipment needs to cool naturally for 20 minutes before starting the power again

5. The internal components of the equipment must be purchased from the manufacturer

6. Product power cord must be well grounded.

7.use the console, control to avoid the left and right neighbors, without interference source. (example: Wireless intercom, high frequency source, etc.



## NOTE:

Any damage caused by disregard of this manual does not belong to the scope of warranty, and the manufacturer shall not bear any responsibility for all consequences and problems arising therefrom. Please note that the damage caused by violation of operating procedures does not belong to the scope of warranty.

## SPECIFICATION

### Light source parameters:

Light source: 230W

Average lifespan: 2000 hours

Color temperature: 7000K

### Control parameter:

Optical path lens: Combined lens, the light output angle of the whole lamp is 1.3°, which can realize focusing and sharp beam

Strobe: double-chip strobe 1-30 times per second, support pulse strobe + effect strobe + random strobe

Dimming: linear dimming

Control signal: DMX512 (Digital Multiplex 512) + RDM, in line with international standards for lighting control transmission Protocol support console setting address code, support DMX interface upgrade software

Control channel: standard mode 16CH/extended mode 20CH

Operation mode: console, manual, master-slave, optional DMX512 wireless signal control

Light source heat dissipation: 1 turbo blower blows the light bulb accurately + 2 high-power fans convectively draw air, actively dissipating heat, Ensure that the product is more stable.

Color: 1 color wheel: 13 high-gloss coating colors + white light, step-change color, with two-way speed change Flow effect and rainbow Effect

Gobo: 1 metal legend disc: 14 legends + white light, gradually change the legend, with variable speed shaking, double to speed flow effect

Prism: 1 three-layer 8+16+24 prism, which can be rotated independently and has a two-way variable speed rotation effect

Six-color plate: 6 high-gloss coating colors, with the prism can produce six-color prism effect

Frost: 1 independent frost sheet, which can convert the beam into a dyeing effect

Scanning: Pan 540 degrees /1.9S, tilt 270 degrees /1.0S, using photoelectric reset + Hall correction + zero and end point detection of double precise reset, so that positioning more accurate, automatic error correction, automatic return function, using smooth subdivision technology more stable operation

Display function: The screen can be reversed, switch between Chinese and English, automatically off the screen/keep on the screen, can display the bright bubble time, fault detection, software version information, can restore factory Settings

Light bulb opening mode: can set automatic lighting bubble on power-on, manual lighting bubble and console lighting bubble

Life protection: When the strobe is off (that is, the light is closed) for 1 hour, the lamp will automatically bubble out, effectively protect the life of the light source

Over-temperature protection: high sensitivity ceramic temperature control whole-process inspection, can automatically cut off the protection of light source

### Working parameters:

Operating voltage: AC100V-240V (50/60HZ)

Rated total power: 400W

Power factor: 0.99

Rated current: 1.82A

Maximum ambient temperature: 40 degrees

### Lamp parameters:

Wire: The high pressure part uses high temperature resistant silica gel wire, the weak current part uses 1332 Teflon high temperature wire

Enclosure: high temperature resistant engineering plastic

Display: Touch LCD display +5 mechanical buttons

Power interface: Twist brittle head, one blue (in)