YELLOWRIVER
HUANGHE MAKE YOUR STAGE TO BE MORE EXCELLENT

864pcs 3in1 +96pcs white effect strobe lights (Model:YR-D960S)

User Manual
Please read these instructions carefully before use

Attention:The ideal working environment of this equipment is between 0-35 degrees, and the surface temperature of the light body is 40-70 degrees. In order to protect safe operation, it is absolutely necessary for users to follow the safety instructions and warnings in this manual.

1.Technical specification:

Light Source:

Light source: 864pcs (0.3W 5050 RGB 3-in-1)+96pcs (3W 7575 white light)

Light source life: 50,000 hours

Angle: 120 degrees

Control parameters:

Stroboscopic: 0-30Hz, standard stroboscopic

Dimming: 0-100% standard linear dimming, 32bit

Control signal: DMX512(Digital MultipleX 512)+RDM, in line with the international standard light control transmission protocol

Control channels: 4 channels, 11 channels, 32 channels, 39 channels

Effect characteristics: 8 stages of horse racing + dyeing + flash, programming effect is richer, can be controlled by sections, can also be controlled

Operation mode: Console, manual, master/slave

Cooling method: Heat dissipation by fin + fan

Real-time monitoring: light source temperature, signal display

Working parameters:

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

Total rated power: 240W

Power factor: 0.56

Rated current: 1.1A

Ambient temperature: <40 degrees

Lamp parameters:

Case material: Engineering aluminum alloy (high temperature resistance), fine sand paint (high-end wear resistance)

Display: Digital display +4 mechanical buttons

Power interface: Twisting head, one blue (in) one white (out)

Signal interface: Signal socket 3-core male + female, can plug DMX512

wireless signal receiver

IP rate: IP20

Net weight: 3.6KG

size: 46*21*17.5CM

2. Display

MENU   UP   DOWN   ENTER

3. Menu function reference table:

A001	➡	A512	Address code (A001~A512), save the confirm key, the default A001.
CH03	➡	CH39	Switch the four channels CH04, ch11, ch32 and ch39. The confirm key is saved. The default is CH11.
M000	➡	M083	84 kinds of 3-in-1 built-in effects (M000 ~ m083), confirm to save.
S000	➡	S255	3-in-1 built-in effect (s000 ~ s255) running speed, determined to save.
M000	➡	M040	Built-in white light (M000 ~ M040) 41 effects. Toggle the built-in effects up and down to confirm the save.
S000	➡	S255	White light built-in effect running speed (s000 ~ s255), confirm to save.
Soud	➡	Soud	Voice-activated mode
R255	➡	R000	Red brightness (R000~ R255), confirm key save, the default R255.
G255	➡	G000	Green brightness (G000~ G255), confirm to save, the default value is G255.

B255	➡	B000	Blue brightness (B000~ B255), confirm key save, default B255.
W255	➡	B000	White brightness (W000~ W255), confirm key save, default W255.
T000			Display temperature, such as T045 indicates that the current lamp temperature is 45℃; No 10K thermistor is installed and T000 is displayed.

4.Master-Slave Control Model:

Master and slave: Set up one fixture as Master fixture(triggering), other fixtures as slave fixtures(the DMX menu, and the address code must be 001) , Slave fixtures under DMX add. Connect the signal cable, the slave fixtures will run and keep function synchronism as master fixtures.

5.Factory setting

In any address code A001~A512, press the menu key for 5 seconds to enter the factory Settings. Factory setting is mainly about the output power of each lamp, fan setting mode, temperature protection point setting, and sending parameters. If the factory sets any mode, press the menu key for 5 seconds to exit.

R255	➡	R032	Red current (R032-R255), confirm save, default R200.
G255	➡	G032	Green current (R032-R255), confirm save, default R200.
B255	➡	B032	Blue current (R032-R255), confirm save, default R200.
W255	➡	W032	White current (R032-R255), confirm save, default R240.
FAN0	➡	FAN1	Fan setting: FAN0 lamp is on to start the fan, FAN1 reaches the set temperature protection point to start the fan, and the confirm button is saved.
T040	➡	T070	Set the temperature protection point, change the parameter (40 °C to 70 °C) up or down, and press the confirm key to save the Settings. The default value is T065.
Send	➡	Send	Send the local factory setting parameters up or down to all other lamps connected in parallel with three-core signal wires; Confirm sending parameters Press the menu key for 3 seconds

be used to amplify the signal, and a terminator should be installed on the DMX output port of the last light, and a 120 ohm (The error is within 5 ohms) The 1/4W resistor is between Pin2 and Pin3.

9. The input power cord of this product is equipped with a specification of 1.0 square meters. When connecting by hand, no more than 4 lamps can be connected. The company shall not be responsible for the use of burnt lamps and other accidents that do not follow this requirement.

8. Installation requirements :

1. When installing this device, please ensure that there are no extreme, flammable and explosive items (decorations), etc. within a distance of 3 meters.

2. The distance between the direction of the light outlet of the lamp and the object to be illuminated is at least 0.5 meters.

3. The light output direction of the lamp is the optical lens. During use, no external force can hit the glass. If the lens is damaged, you need to find a professional to replace the lens with the same specification before using it.

4. When the sheath of the power cord is damaged, you must find a professional to replace it with a new power cord of the same specification before using it.

5. When the product is hung and installed, the load of the hanging part must be at least 3 times the weight of the product, and a safety rope should be buckled on the auxiliary suspension device of the lamp. The load of the safety rope should be greater than 3 times the weight of the product above.

6. When the lamp is in use, it must be controlled within the use time indicated by the light source. After the use time is reached, please replace the light source in time before using it, otherwise the light source is easily deformed or weakened, which will affect the use.

The company reserves the right to modify this product manual without notice.

6.DMX512 CHANNEL：

4CH：

S/N	Function	Description
1	000-255	Red bead linear dimming
2	000-255	Green bead linear dimming
3	000-255	Blue bead linear dimming
4	000-255	White bead linear dimming

11CH：

S/N	Function	Description
1	000-255	Total dimmer
2	000-255	RGB stroboscopic
3	000-255	RGB mode :0-2 empty, 3-254: 84 effects per three values, 255: mode code 11 ~ 81, you can push and pull RGB to change the background color
4	000-255	RGB mode speed
5	000-255	Red bead linear dimming
6	000-255	Green bead linear dimming
7	000-255	Blue bead linear dimming
8	000-255	W stroboscopic
9	000-255	W mode :0-5: null, 6-251: 41 effects per six values, 252-255: comprehensive mode
10	000-255	W mode speed
11	000-255	White bead linear dimming

32CH：

S/N	Function	Description
1	000-255	R Section 1 red light bead linear dimming
2	000-255	G Section 1 green light bead linear dimming
3	000-255	B Section 1 Blue light bead linear dimming
4	000-255	R Section 2 red bead linear dimming
5	000-255	G Section 2 green light bead linear dimming

6	000-255	B Section 2 blue light bead linear dimming
…	…	… …
22	000-255	R Section 8 red bead linear dimming
23	000-255	G Section 8 green light bead linear dimming
24	000-255	B Section 8 blue light bead linear dimming
25	000-255	W Section 1 white light bead linear dimming
26	000-255	W Section 2 white light bead linear dimming
27	000-255	W Section 3 white light bead linear dimming
28	000-255	W Section 4 white light bead linear dimming
29	000-255	W Section 5 white light bead linear dimming
30	000-255	W Section 6 white light bead linear dimming
31	000-255	W Section 7 white light bead linear dimming
32	000-255	W Section 8 white light bead linear dimming

39CH：

S/N	Function	Description
1	000-255	Total dimmer
2	000-255	RGB stroboscopic
3	000-255	RGB mode (See: VI. Mode Effect 1)
4	000-255	RGB mode speed
5	000-255	R Section 1 red light bead linear dimming
6	000-255	G Section 1 green light bead linear dimming
7	000-255	B Section 1 Blue light bead linear dimming
…	…	… …
26	000-255	R Section 8 red bead linear dimming
27	000-255	G Section 8 green light bead linear dimming
28	000-255	B Section 8 blue light bead linear dimming
29	000-255	W stroboscopic
30	000-255	W Mode (See: VI. Mode Effect 2)
31	000-255	W mode speed
32	000-255	W Section 1 white light bead linear dimming

33	000-255	W Section 2 white light bead linear dimming
34	000-255	W Section 3 white light bead linear dimming
35	000-255	W Section 4 white light bead linear dimming
36	000-255	W Section 5 white light bead linear dimming
37	000-255	W Section 6 white light bead linear dimming
38	000-255	W Section 7 white light bead linear dimming
39	000-255	W Section 8 white light bead linear dimming

7. Instructions and remarks :

WARNING, ELECTRIC SHOCK HAZARD

If the light source in this light needs to be replaced, it should be replaced by our company or our service agent or a person with similar qualifications.

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

2. This equipment is IP20 grade, it is strictly forbidden to use dry ice machine smoke screen to cover lights.

3. This equipment belongs to the first-class protection lamps, so the yellow and green double-color wires must be grounded, and it must be taken care of by professionals.

4. Do not touch the shell of the device with your hands when it is working.

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

6. The power cord of the product must be grounded and well grounded.

7. When using the console, try to avoid the left and right neighbors when controlling, and whether there is any source of interference. (Example: wireless walkie-talkie, high-frequency transmission source, etc.)

8. When using this product, the same line can control up to 20 sets of the same product. If it exceeds this range, additional signal amplification equipment must