Stand-alone RGB/RGBW mode

● Short press M key, when display P01~P30,
  enter stand-alone RGB/RGBW mode.
● Press ◄ or ► key to change dynamic mode
  number(P01~P30).
● Each mode can adjust speed and brightness.
  Long press M key for 2s, prepare for setup mode speed,
  brightness, W channel brightness.
  Short press M key to switch three item.
  Press ◄ or ► key to setup value of each item.
  Mode speed: 1-10 level speed(S-1, S-9, S-F).
  Mode brightness: 1-10 level brightness(b-1, b-9, b-F).
  W channel brightness: 0-255 level brightness(400-4FF).
  Long press M key for 2s, or timeout 10s, quit setting.

P01

Stand-alone RGB/RGBW mode
(P01~P30)

S-8 b-F

Speed   Brightness
(8 level)   (10 level,100%)

RGB change mode list

No.	Name	No.	Name	No.	Name
P01	Static red	P11	Green strobe	P21	Red yellow smooth
P02	Static green	P12	Blue strobe	P22	Green cyan smooth
P03	Static blue	P13	White strobe	P23	Blue purple smooth
P04	Static yellow	P14	RGB strobe	P24	Blue white smooth
P05	Static cyan	P15	7 color strobe	P25	RGB+W smooth
P06	Static purple	P16	Red fade in and out	P26	RGBW smooth
P07	Static white	P17	Green fade in and out	P27	RGBY smooth
P08	RGB jump	P18	Blue fade in and out	P28	Yellow cyan purple smooth
P09	7 color jump	P19	White fade in and out	P29	RGB smooth
P10	Red strobe	P20	RGBW fade in and out	P30	6 color smooth

Stand-alone dimmer mode

● Short press M key, when display L-1~L-8, enter stand-alone dimmer mode.
● Press ◄ or ► key to change dimmer mode number(L-1~L-8).
● Each dimmer mode can adjust each channel brightness independently.
  Long press M key for 2s, prepare for setup four channel brightness.
  Short press M key to switch four channel(100~1FF, 200~2FF, 300~3FF, 400~4FF).
  Press ◄ or ► key to setup brightness value of each channel.
  Long press M key for 2s, or timeout 10s, quit setting.
● Another way to setup channel brightness: Enter DMX mode,
  long press M key for 2s will save current decode value.

L-1

Stand-alone dimmer mode
(L-1~L-8)

Restore factory default parameter

● Long press ◄ and ► key for 2s, restore factory default parameter, display"RES".
● Factory default parameter: DMX decode mode, DMX first address is 1, four channel decode,
  high PWM frequence output, logarithmic brightness curve, RGB mode number is 1,
  dimmer mode number is 1, disable automatic blank screen.

Malfunctions analysis & troubleshooting

Malfunctions	Causes	Troubleshooting
No light	1. No power. 2. Wrong connection or insecure.	1. Check the power. 2. Check the connection.
Wrong color	1. Wrong connection of R/G/B/W wires. 2. DMX decode address error.	1. Reconnect R/G/B/W wires. 2. Set corrrect decode address.
Uneven intensity between front and rear,with voltage drop	1. Output cable is too long. 2. Wire diameter is too small. 3. Overload beyond power supply capability. 4. Overload beyond controller capability.	1. Reduce cable or loop supply. 2. Change wider wire. 3. Replace higher power supply. 4. Add power repeater.

Safety information

1. The product shall be installed and serviced by a qualified person.
2. The product is non-waterproof. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage of any power supplies used complywith the working voltage
   of the product.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid
   any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.